

# PROPERTIES OF Mn-Zn FERRITE MATERIAL ( LEAD FREE)

Property Material	$\mu i$	Working Frequency MHZ	Bm Gauss	Br Gauss	Hc Oe	Tc °C	$\alpha \mu \gamma$ x10 <sup>-6</sup> / °C	Tan $\delta / \mu i$ x10 <sup>-6</sup>	d g/cm <sup>3</sup>	$\rho$ Ω cm
J1M	700	<2.0	3800	3000	0.30	170	20	160	4.7	200
J1L	850	<1.5	3800	3000	0.40	170	15	110	4.8	200
J1K	1000	<1.5	4300	3300	0.45	200	30	140	4.8	400
J1H	1300	<1.0	4900	2500	0.35	240	15	780	4.7	250
J2L	1500	<1.0	4900	2700	0.30	200	20	130	4.7	350
JF3	1500	<1.0	5000	2950	0.60	290	5	8	4.8	1000
JF35	1400	<1.0	5000	2000	0.6	260	5	8	4.8	1000
J2M	2000	<0.5	5100	1300	0.12	220	6	8	4.9	600
JP40	2300	<0.4	5000	1200	0.12	210	8	5	4.8	500
JP44	2500	<0.4	5200	1750	0.18	220	6	5	4.8	600
J2	2800	<0.4	4800	1400	0.15	200	4	10	4.8	300
JP95	3000	<0.4	5200	1050	0.16	220	3	8	4.8	700
J3M	3500	<0.2	4600	1350	0.18	180	1.5	8	4.8	30
J3	3500	<0.2	4000	1300	0.1	130	1.5	15	4.8	25
J3H	4000	<0.15	4600	1600	0.18	160	1.5	15	4.8	20
J4	4500	<0.1	4000	1250	0.08	120	1.5	15	4.8	20
J5	5500	<0.1	4000	1250	0.08	110	1.5	20	4.9	15
J55	5500	<0.1	5000	1250	0.08	150	1.5	20	4.9	15
J6	6000	<0.1	4200	1250	0.08	110	1	20	4.9	15
J7	7500	<0.1	4000	1250	0.07	110	0.6	25	4.9	10
J9	8500	<0.1	3900	1100	0.06	110	0.5	25	4.9	10
J10	10000	<0.05	4300	1950	0.10	120	0.1	40	4.8	10

## Core Loss

Material			JF35	JF3	JP95	JP44	JP40	J2	J2M
Pcv(kw/m <sup>3</sup> )	200mT	25KHz	25°C			100	120	140	135
			60°C			68	80	120	100
			100°C			*48	70	170	120
			120°C			85	85		
		100KHz	25°C		450	600	630	750	780
			60°C		370	410	500	650	620
			100°C		*330	*320	430	950	750
			120°C		400	540	510		
	50mT	500KHz	25°C	150	238				
			60°C	85	142				
			80°C	80	155				
			100°C	100	190				
	25mT	1MHz	25°C		120				
			60°C		115				
			80°C		155				
			100°C		180				

\* TEST TEMPERATURE 90°C

# YENG TAT ELECTRONICS CO., LTD.

## *M*ATERIAL *C*ROSS *R*EFERENCE *L*IST (Mn-Zn) Sep.2010

YTE	TDK	FERROXCUBE	EPCOS	ACME	FDK	NICERA	HITACHI	TOKIN	TOMITA	FAIR-RITE	DMEGC	TDG	
<b>JP40</b>	PC40	3C90	N67	P4	6H20	NC-2H	ML24D	BH2	2G8	78	DMR40	TP4	
<b>JP44</b>	PC44	3C94/3C96	N87/N97	P41	6H40	2HM5	ML25D	BH1			DMR44	TP4A	
<b>JP45</b>	PC45	3C91			6H41		ML30D					TP4B	
<b>JP46</b>	PC46		N51										TP4C
****	PC47												
<b>JP95</b>	PC95	3C95	N95	P46/P47	6H42	3H	ML33D		2N2		DMR95	TP4W	
<b>JF3</b>		3F3		P5		2M			2H8	79	DMR50B		
<b>JF35</b>	PC50	3F35	N49	P51	7H10	5M	ML12D	B40			DMR50	TP5	
****		3F4			7H20								
<b>J1M</b>	H6F	3D3								33			
<b>J1L</b>		3B1	M33						2H6				
<b>J2M</b>	H6K	3H3	N27							77			
	H3T		N48										
<b>J2</b>	H3S	3B7	N41		2H03	NC-1L				73			
	H7C1	3C81											
<b>J3M</b>	H5A	3E1							2H5				
	H7B												
<b>J3H</b>		3S1	T57			NC-4Y					DMR4KDC		
<b>J4</b>	HP4	3E4	N30		2H04								
<b>J5</b>	H5B		T65	A05		NC-5Y	MQ53D	5H	2G4	75	DMR5K	TS5	
	HP5		T35										
<b>J6</b>		3E25	T37		2H06								
<b>J7</b>	H5B2	3E26	T36	A7	2H07	NC-7	MP70D	7H	2G1		DMR7K	TS7	
<b>J10</b>	H5C2	3E5	T38	A10	2H10	NC-10H	MP10T	10H	2H2A	76	DMR10K	TS10	

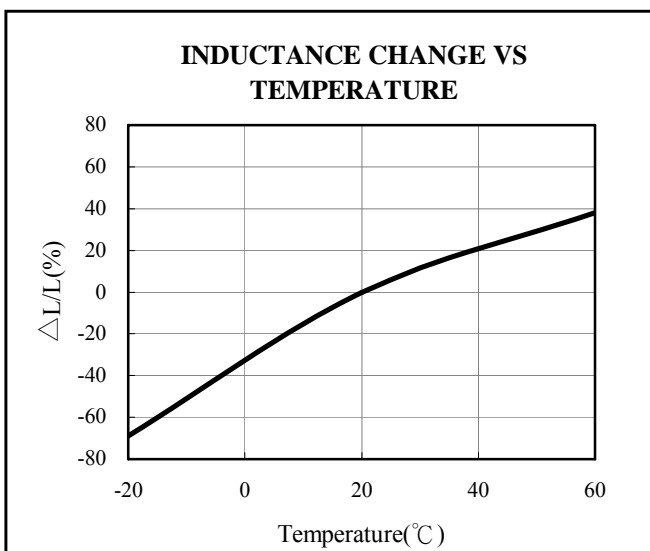
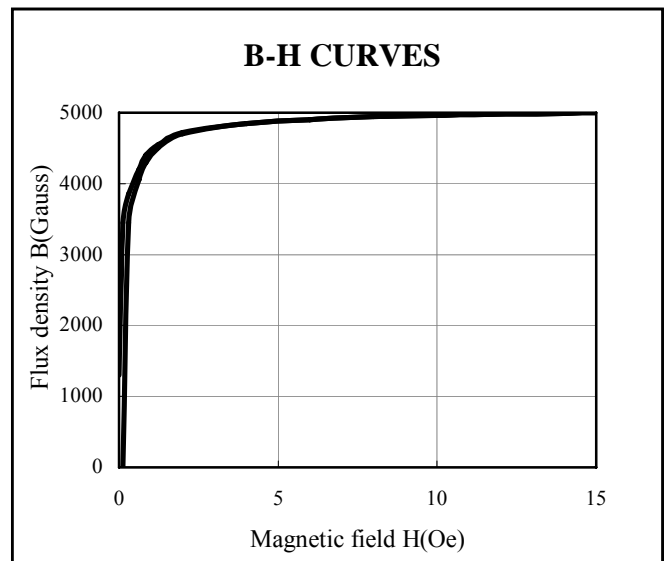
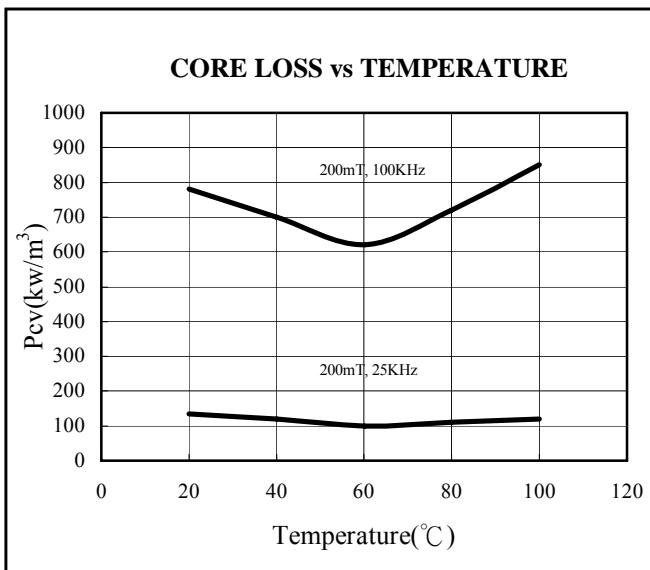
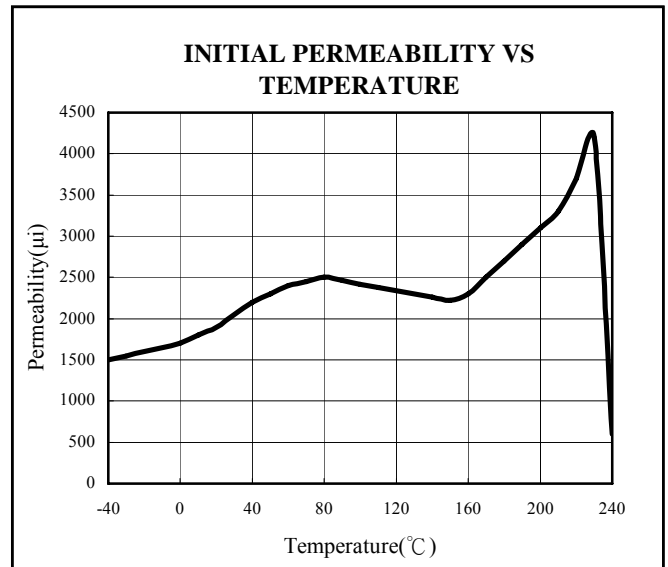


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Material		J2M
$\mu_i$	unit	2000
Working Frequency	MHz	<0.5
B <sub>m</sub>	Gauss	5100
B <sub>r</sub>	Gauss	1300
H <sub>c</sub>	Oe	0.12
T <sub>c</sub>	°C	220
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	6
$\tan \delta / \mu_i$	$\times 10^{-6}$	8
d	g/cm <sup>3</sup>	4.8
$\rho$	$\Omega \cdot \text{cm}$	600



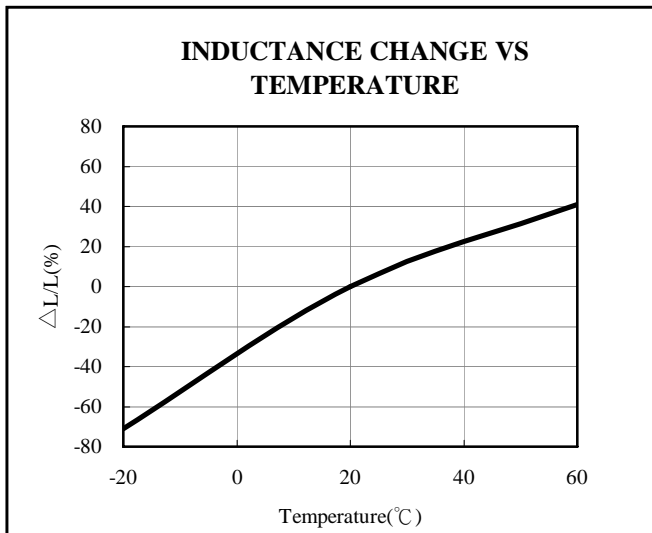
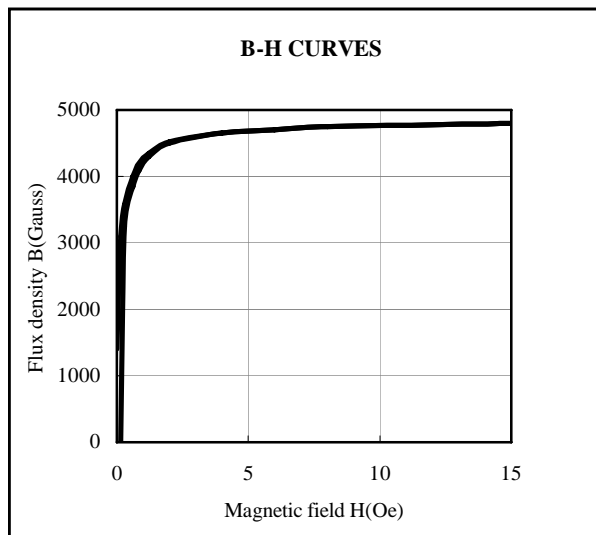
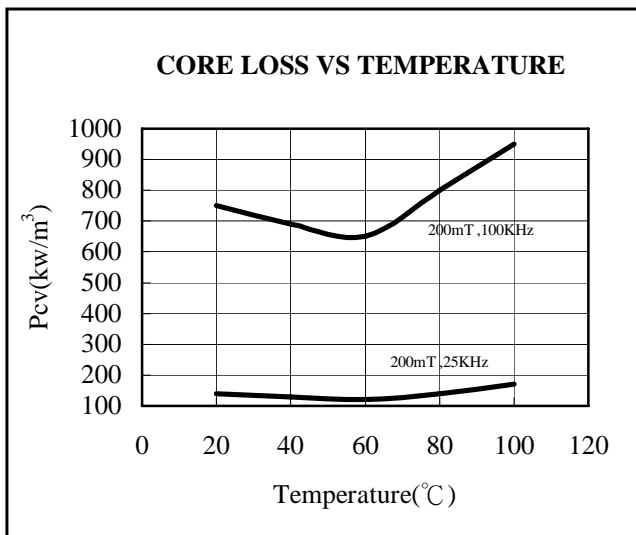
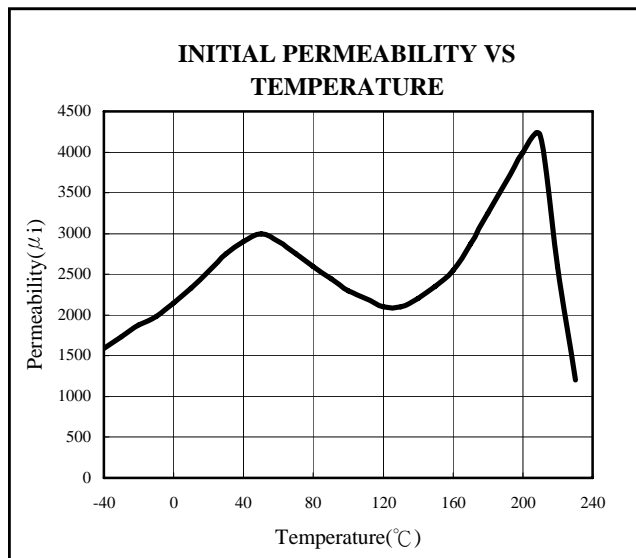


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Material		J2
$\mu_i$	unit	2800
Working Frequency	MHz	<0.4
Bm	Gauss	4800
Br	Gauss	1400
Hc	Oe	0.15
Tc	°C	200
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	4
$\tan \delta / \mu_i$	$\times 10^{-6}$	10
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	300



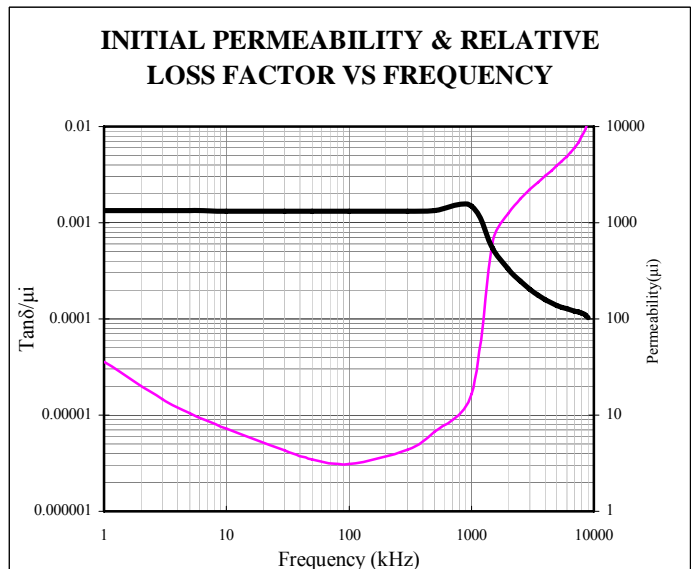
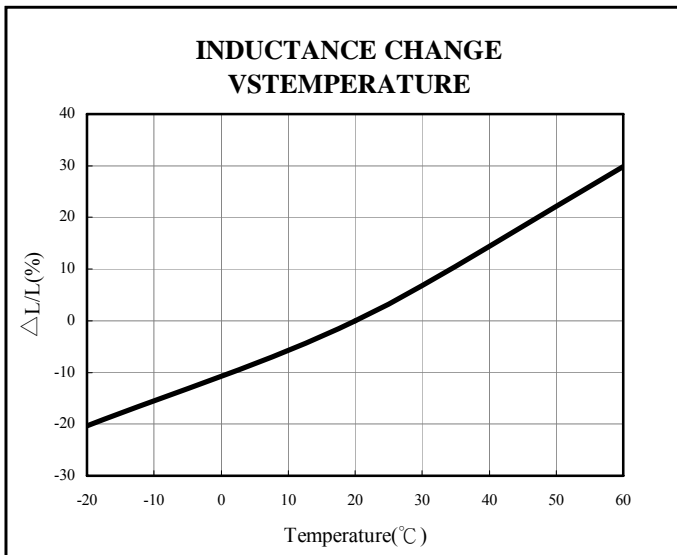
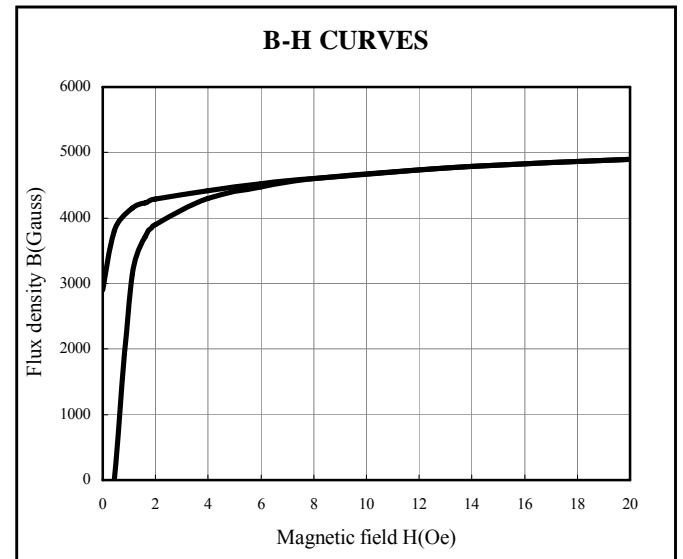
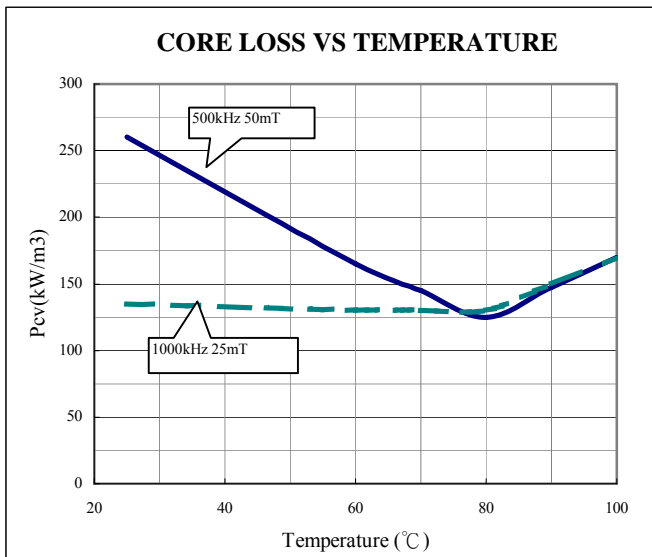
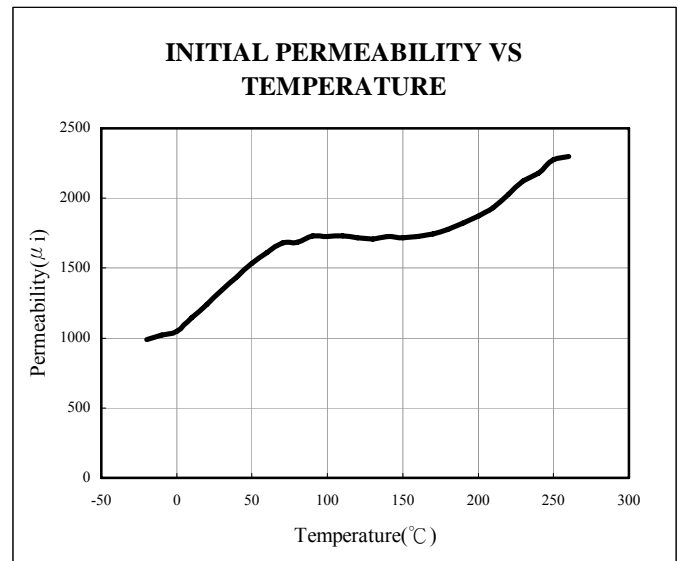


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Material	JF3	
$\mu_i$	unit	1500
Working Frequency	MHz	<1.0
Bm	Gauss	5000
Br	Gauss	2950
Hc	Oe	0.6
Tc	°C	290
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	5
$\tan \delta / \mu_i$	$\times 10^{-6}$	8
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	1000



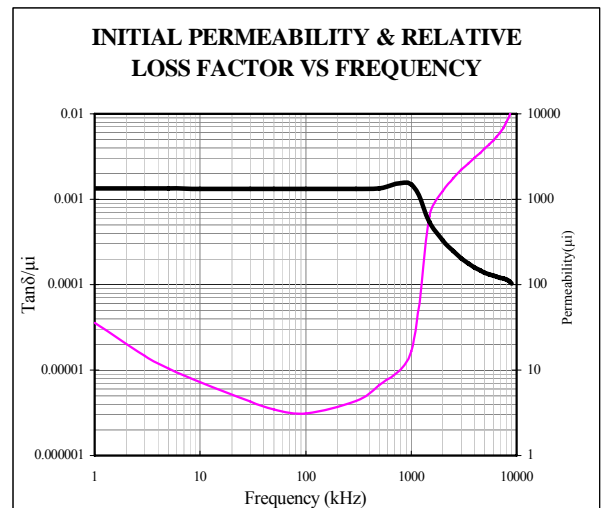
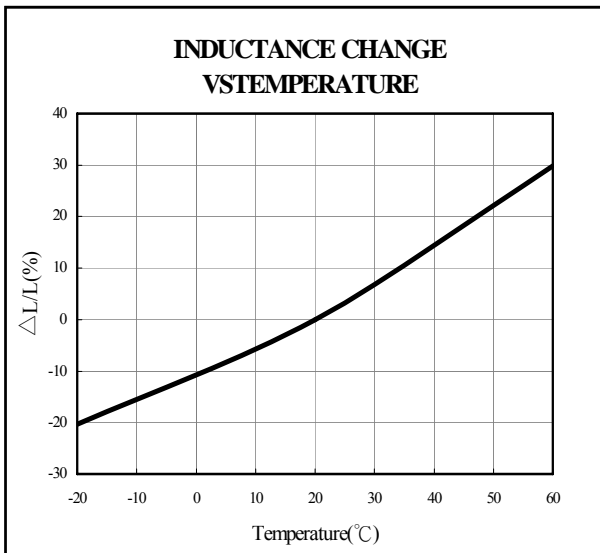
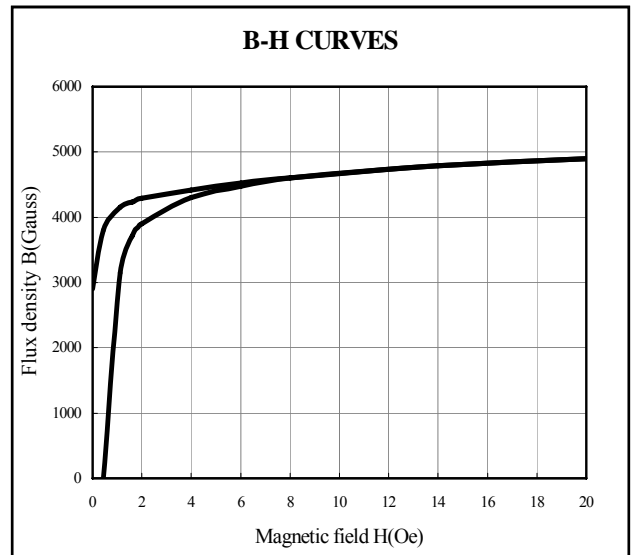
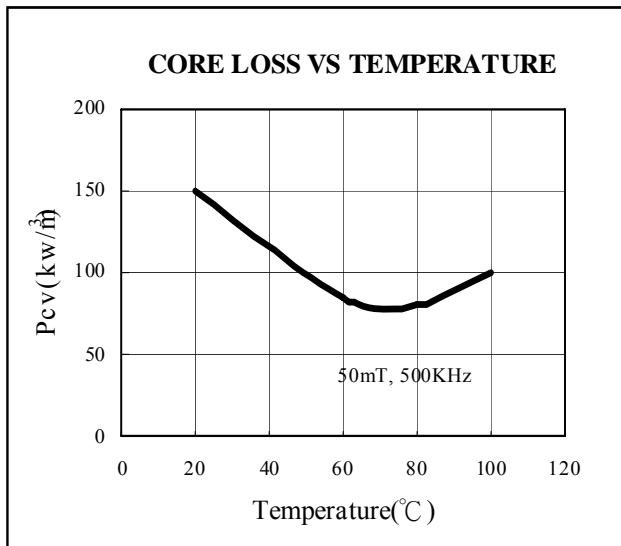
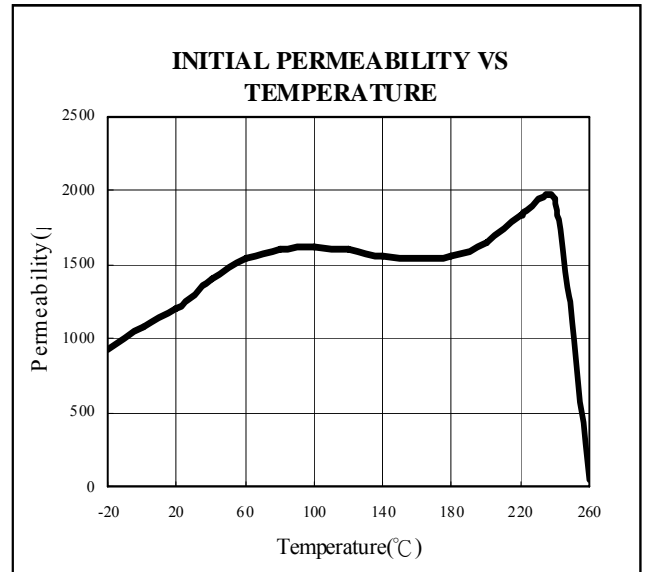


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Material	JF35	
$\mu_i$	unit	1400
Working Frequency	MHz	<1.0
Bm	Gauss	5000
Br	Gauss	2800
Hc	Oe	0.6
Tc	°C	260
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	5
$\tan \delta / \mu_i$	$\times 10^{-6}$	8
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	1000



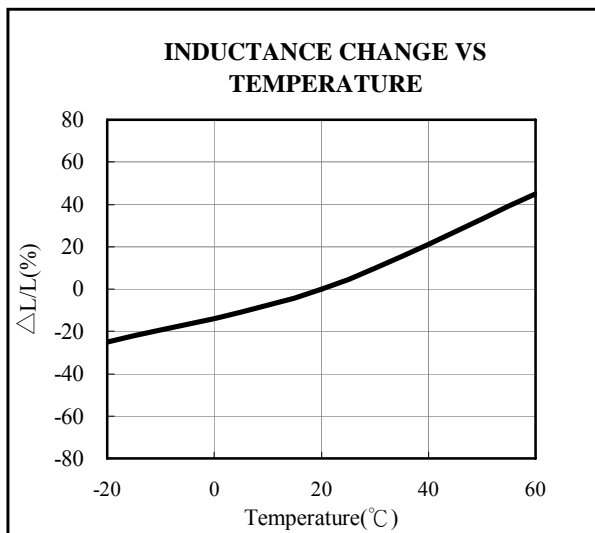
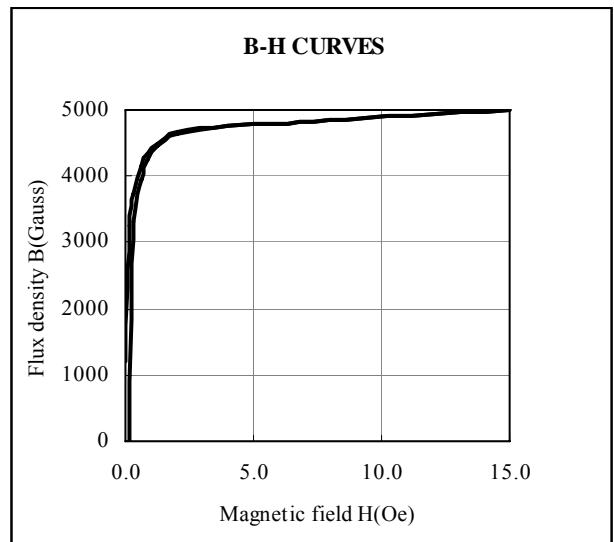
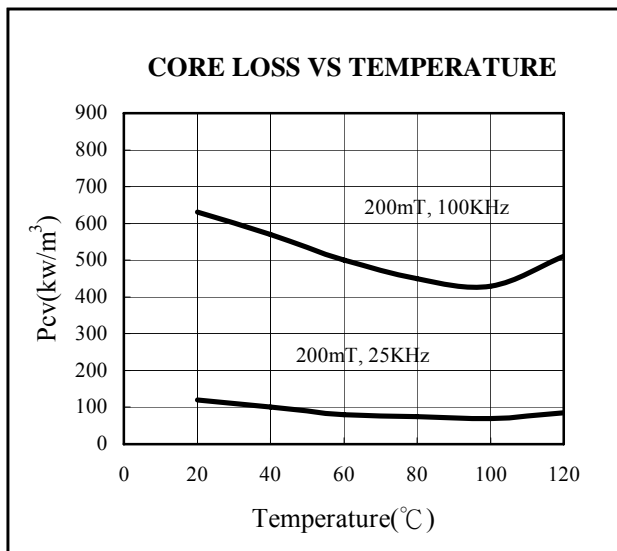
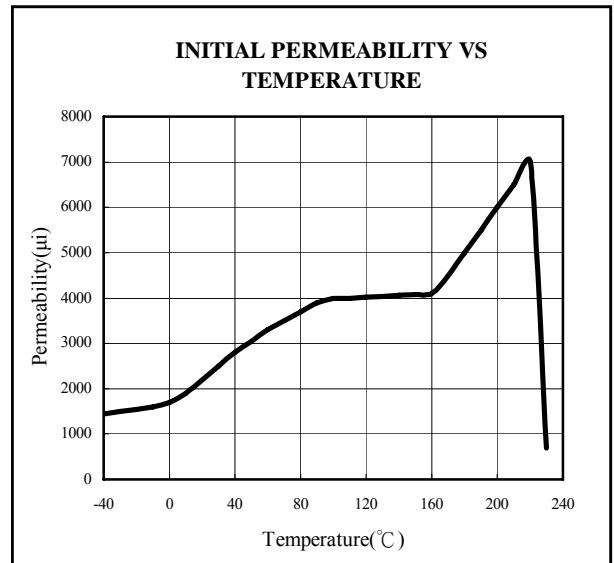


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Material	JP40	
$\mu_i$	unit	2300
Working Frequency	MHz	<0.4
Bm	Gauss	5000
Br	Gauss	1200
Hc	Oe	0.12
Tc	°C	210
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	8
$\tan \delta / \mu_i$	$\times 10^{-6}$	5
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	500



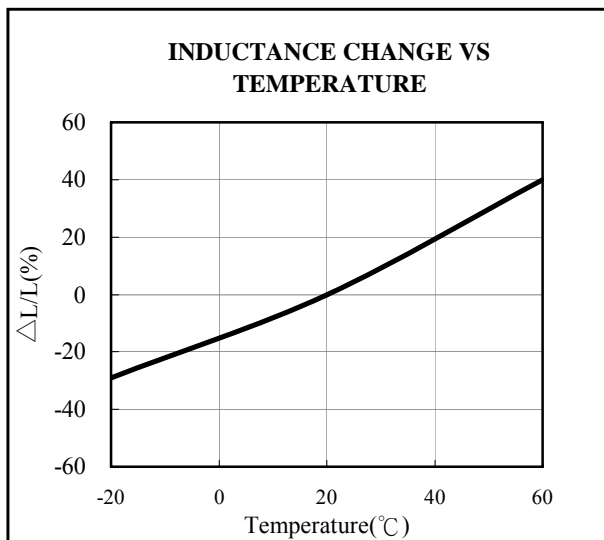
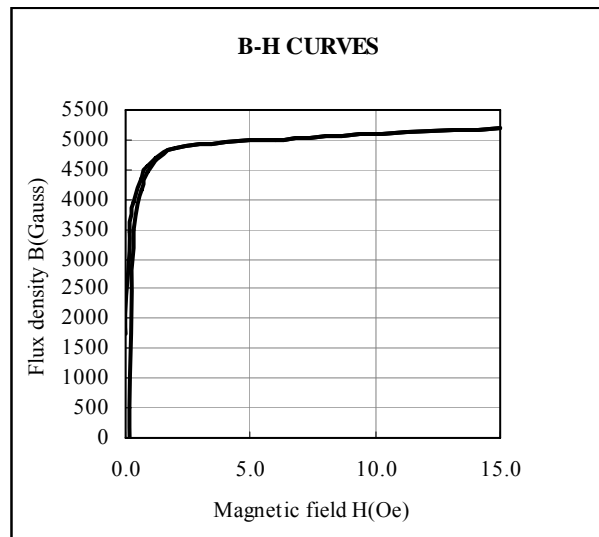
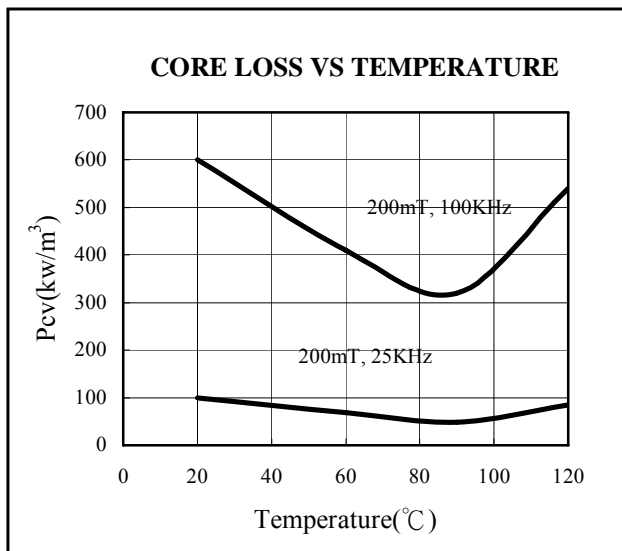
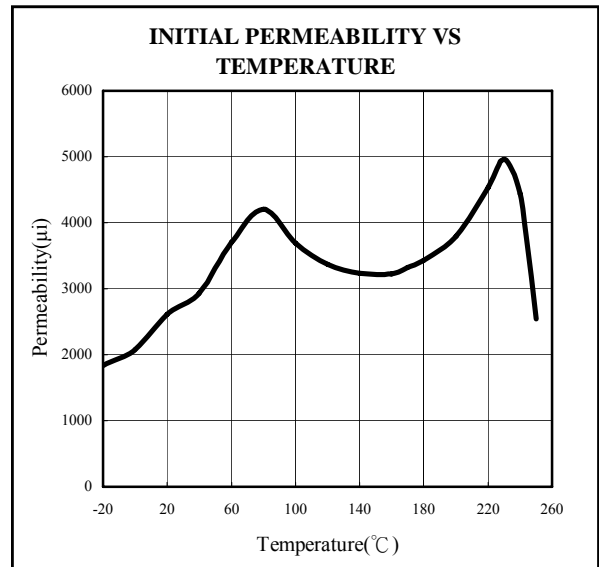


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Material	JP44	
$\mu_i$	unit	2500
Working Frequency	MHz	<0.4
Bm	Gauss	5200
Br	Gauss	1750
Hc	Oe	0.18
Tc	°C	220
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	6
$\tan \delta / \mu_i$	$\times 10^{-6}$	5
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	600





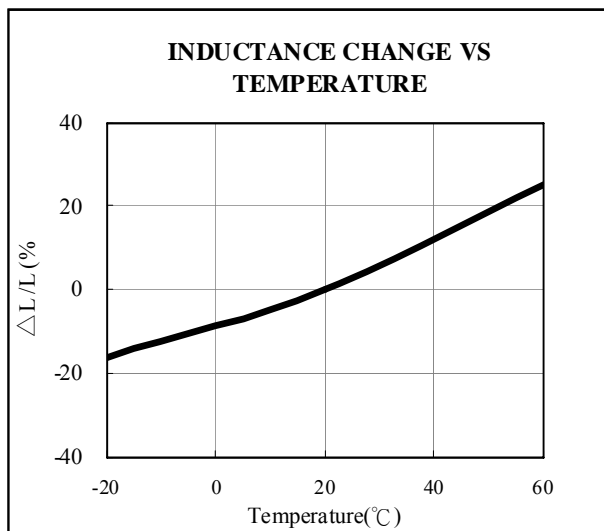
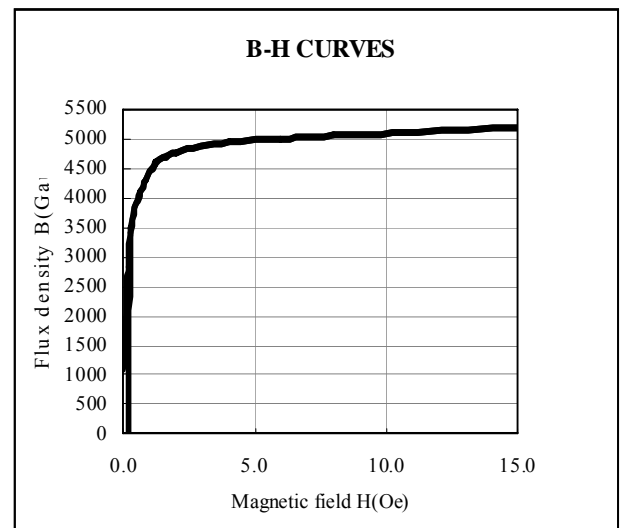
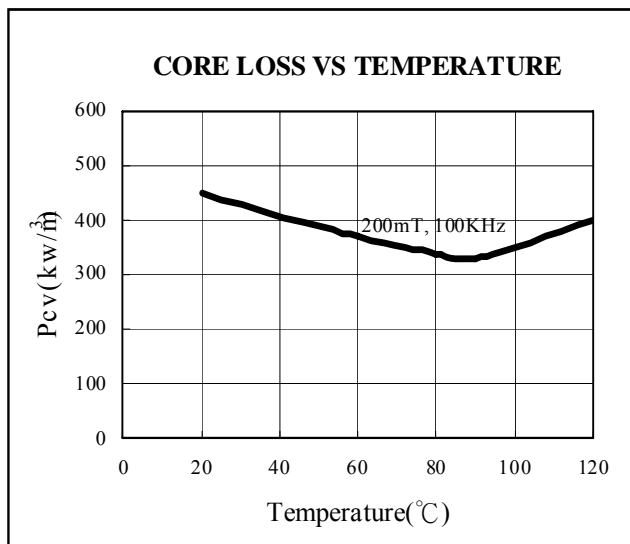
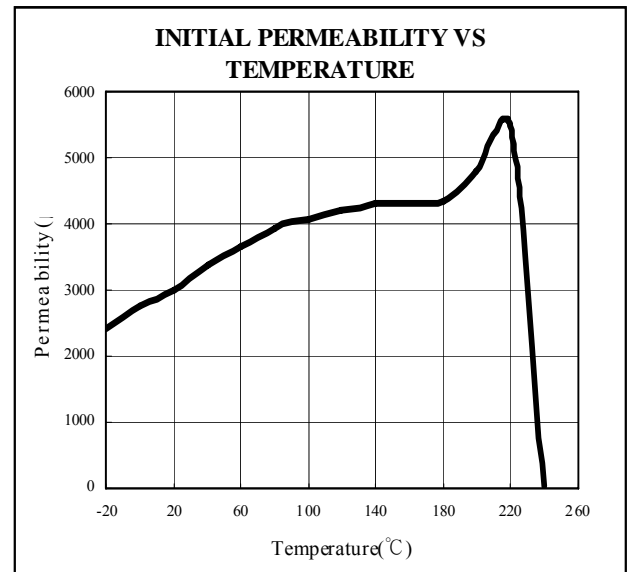


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Material	JP95	
$\mu_i$	unit	3000
Working Frequency	MHz	<0.4
Bm	Gauss	5200
Br	Gauss	1050
Hc	Oe	0.16
Tc	°C	220
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	3
$\tan \delta / \mu_i$	$\times 10^{-6}$	8
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	700



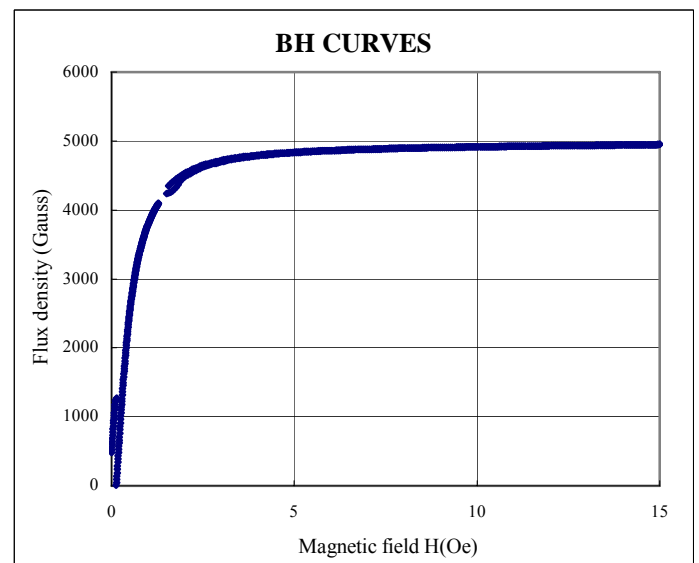
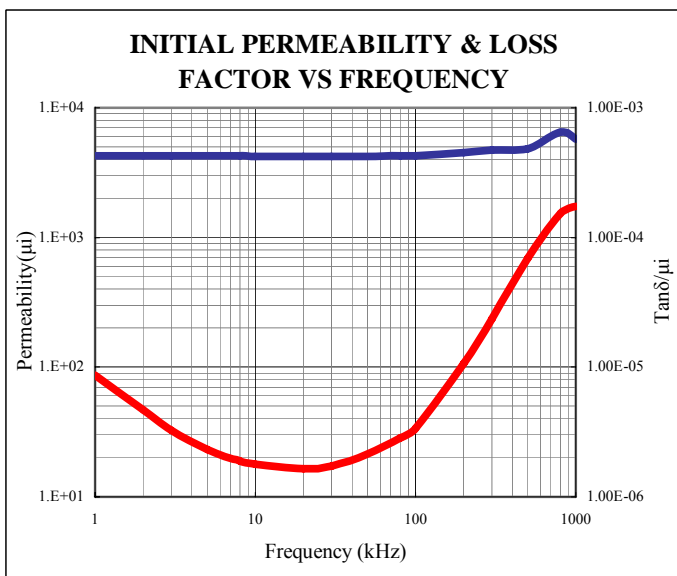
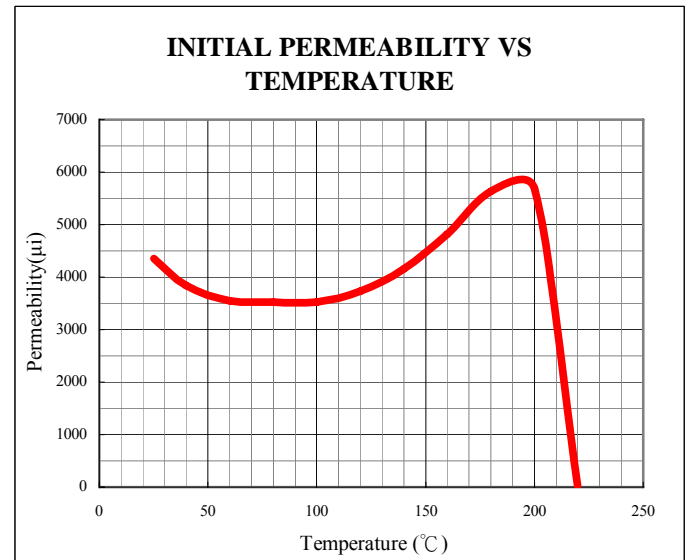


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Material	J55	
$\mu_i$	unit	4500
Working Frequency	MHz	<0.1
Bm	Gauss	5000
Br	Gauss	700
Hc	Oe	0.09
Tc	°C	200
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	-1
$\tan \delta / \mu_i$	$\times 10^{-6}$	1.8
d	$\text{g}/\text{cm}^3$	4.9
$\rho$	$\Omega \cdot \text{cm}$	1000



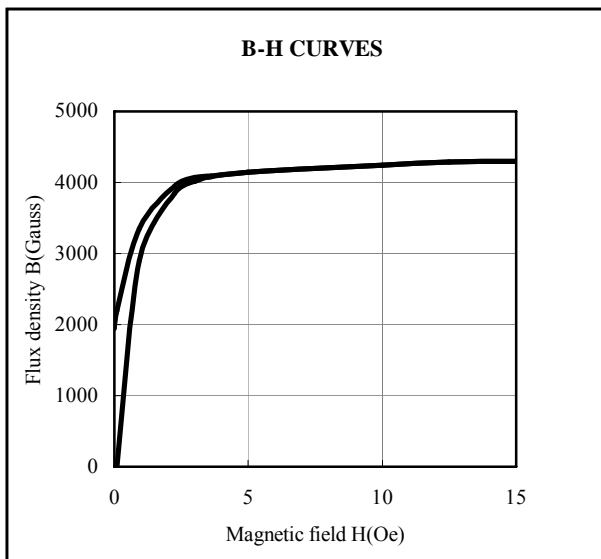
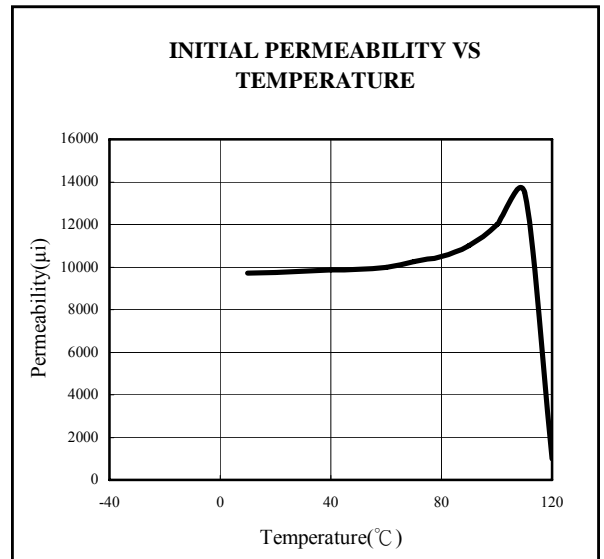


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Material	J10	
$\mu i$	unit	10000
Working Frequency	MHz	<0.05
Bm	Gauss	4300
Br	Gauss	1950
Hc	Oe	0.10
Tc	°C	120
$\alpha \mu \gamma$	$\times 10^{-6}/^{\circ}\text{C}$	0.1
$\tan \delta / \mu i$	$\times 10^{-6}$	40
d	$\text{g}/\text{cm}^3$	4.8
$\rho$	$\Omega \cdot \text{cm}$	10



# DR-(1)

## SHAPES

Fig1  
STD Type

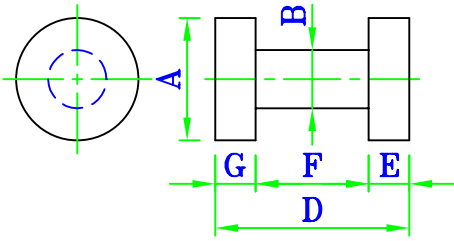


Fig4  
P Type

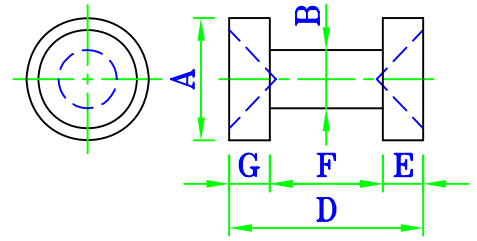


Fig2  
d-1 Type

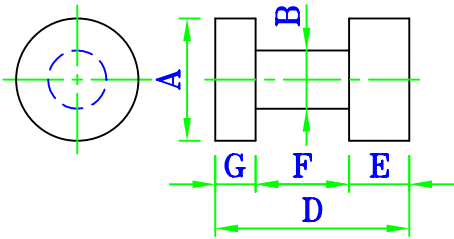


Fig5  
d-3 Type

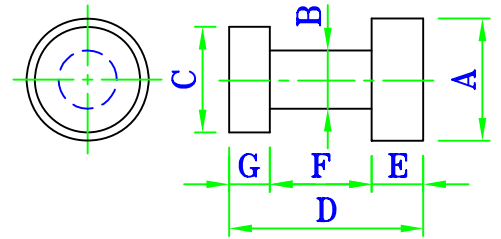


Fig3  
d-7 Type

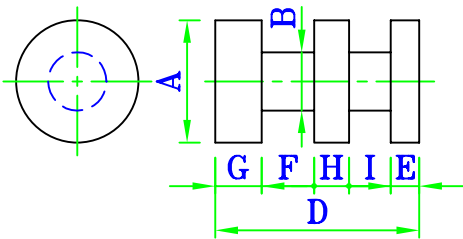
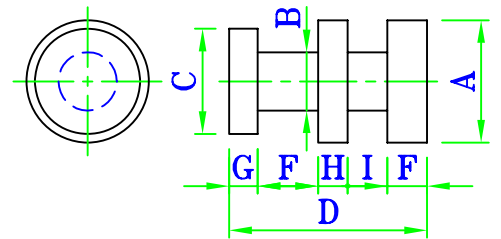


Fig6  
d-13 Type



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	Fig
DR 1.5×2	1.5±0.1	0.7±0.1		2±0.15	0.5	1±0.15	0.5	1
DR 1.83×1.14	1.83±0.1	1.14±0.1		1.14±0.15	0.38	0.38±0.1	0.38	1
DR 2×2	2±0.1	1.2±0.1		2±0.15	0.5	1±0.15	0.5	1
DR 2.29×2.16	2.29±0.1	1.01±0.1		2.16±0.15	0.55	1.06±0.15	0.55	1
DR 2.5×2	2.5±0.1	1.5±0.1		2±0.15	0.5	1±0.15	0.5	1
DR 3×4	3±0.1	1.5±0.1		4±0.2	0.9	2.2±0.15	0.9	1
DR 3.25×3	3.25±0.1	1.35±0.1		3±0.2	0.5	2±0.15	0.5	1
DR 3.5×2	3.5±0.1	1.5±0.1		2±0.15	0.5	1±0.15	0.5	1
DR 3.8×7.5	3.8±0.1	2.3±0.15		7.5±0.3	1.4	4.7±0.15	1.4	1
DR 4×4	4±0.1	1.8±0.15		4±0.2	1.4	1.2±0.15	1.4	1
DR 4×4.5	4±0.1	2±0.15		4.5±0.2	1.1	2.3±0.15	1.1	1
DR 4.5×2	4.5±0.1	2±0.15		2±0.15	0.5	1±0.15	0.5	1
DR 5.3×6	5.3±0.1	2±0.15		6±0.2	1.5	3±0.15	1.5	1
DR 6×8	6±0.15	2.5±0.15		8±0.3	1.9	4.2±0.15	1.9	1
DR 6.5×8	6.5±0.15	2.5±0.15		8±0.3	1.9	4.2±0.15	1.9	1
DR 7×8	7±0.15	3±0.15		8±0.3	2.0	4±0.15	2.0	1
DR 8×10	8±0.15	3.5±0.15		10±0.3	3.15	3.7±0.15	3.15	1



# DR-(1)

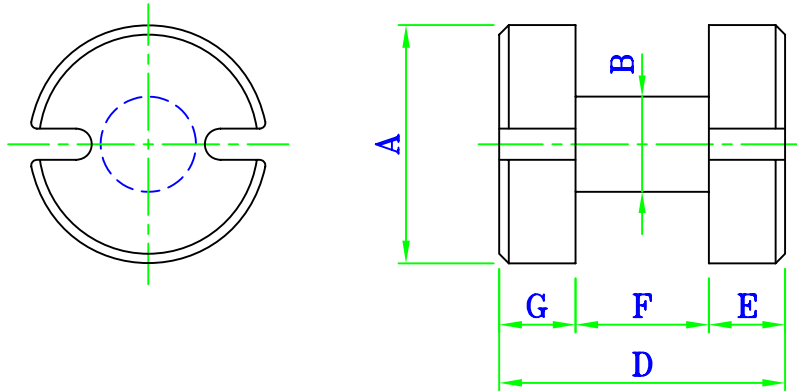
## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	Fig
DR 8×12	8±0.15	3.5±0.15		12±0.4	2.75	6.5±0.15	2.75	1
DR 9×12	9±0.15	3.8±0.15		12±0.4	2.75	6.5±0.15	2.75	1
DR 10×16	10±0.2	6±0.15		16±0.5	2.75	10.5±0.15	2.75	1
DR 1.78×2.54	1.78±0.1	1.02±0.1		2.54±0.15	0.63	1.28±0.1	0.63	1
DR 2.67×1.14	2.67±0.1	1.3±0.1		1.14±0.15	0.38	0.38±0.1	0.38	1
DR 3.6×1.7	3.6±0.1	1.3±0.1		1.7±0.15	0.45	0.8±0.1	0.45	1
DR 10×10	10±0.2	4.25±0.15		10±0.4	2.4	5.2±0.15	2.4	1
DR 3×4 <sup>d-1</sup>	3±0.1	1.5±0.15		4±0.2	1.2	2.2±0.15	0.6±0.15	2
DR 3×4.5 <sup>d-1</sup>	3±0.1	1.4±0.15		4.5±0.2	1.6	2.1±0.15	0.8±0.15	2
DR 4×4.2 <sup>d-1</sup>	4±0.1	2±0.15		4.2±0.2	1.2	2.3±0.15	0.7±0.15	2
DR 4×4.5 <sup>d-1</sup>	4±0.1	1.8±0.15		4.5±0.2	1.5	2.3±0.15	0.7±0.15	2
DR 5.3×6.5 <sup>d-1</sup>	5.3±0.1	2.5±0.15		6.5±0.3	1.4	4.2±0.15	0.9±0.15	2
DR 6.5×7.5 <sup>d-1</sup>	6.5±0.15	2±0.15		7.5±0.3	2.5	4±0.15	1.0±0.15	2
DR 12.5×15 <sup>d-1</sup>	12.5±0.2	4.5±0.15		15±0.5	2.9	10±0.2	2±0.15	2
DR 2.3×8 <sup>d-7</sup>	2.3±0.1	1.5±0.15		8±0.3	1.9	1.85±0.15	1.9	3
DR 2.5×4.5 <sup>d-7</sup>	2.5±0.1	1.8±0.15		4.5±0.2	1.3	0.7±0.1	1.3	3
DR 3.5×10.5 <sup>d-7</sup>	3.5±0.1	1.8±0.15		10.5±0.4	1.4	4.3±0.15	2	3
DR 5×5.1 <sup>d-7</sup>	5±0.1	1.7±0.15		5.1±0.2	1.4	0.8±0.15	1.4	3
DR 2.5×2.8(p)	2.5±0.1	1±0.15		2.8±0.2	0.9	1±0.15	0.9	4
DR 3.5×5.5(p)	3.5±0.1	2±0.15		5.5±0.2	2.0	1.5±0.15	2.0	4
DR 4×3(p)	4±0.1	2±0.15		3±0.2	0.75	1.5±0.15	0.75	4
DR 4×5.5(p)	4±0.1	2±0.15		5.5±0.2	2.0	1.5±0.15	2.0	4
DR 4.5×5.5(p)	4.5±0.1	1.7±0.15		5.5±0.2	2.0	1.5±0.15	2.0	4
DR 5×6.5(p)	5±0.1	2±0.15		6.5±0.3	2.25	2±0.15	2.25	4
DR 5.5×6.5(p)	5.5±0.15	2±0.15		6.5±0.3	2.45	1.6±0.15	2.45	4
DR 6.5×8(p)	6.5±0.15	2.5±0.15		8±0.3	2.4	3.2±0.15	2.4	4
DR 8×9(p)	8±0.15	3.2±0.15		9±0.3	2.0	5±0.15	2.0	4
DR 4×2.2 <sup>d-3</sup>	4±0.1	1.2±0.15	2.9±0.15	2.2±0.2	0.5	1.2±0.15	0.5	5
DR 4×4 <sup>d-3</sup>	4±0.1	2±0.15	3.4±0.15	4±0.1	1.5	1.8±0.15	0.7±0.15	5
DR 4×4.5 <sup>d-3</sup>	4±0.1	1.8±0.15	3.4±0.15	4.5±0.2	1.3	2.5±0.15	0.7±0.15	5
DR 4×4 <sup>d-13</sup>	3.8±0.1	2±0.15	3.3±0.15	4±0.2	0.85	1.5±0.15	0.7±0.15	6
DR 4×4.5 <sup>d-13</sup>	4±0.1	2±0.15	3.5±0.15	4.5±0.2	1.35	1.5±0.15	0.7±0.15	6



# DR-(2)

## SHAPES



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G
DR 4.75×5.08 <sup>R</sup>	4.75±0.15	2±0.15	5.08±0.2	D-F 2	2.55±0.15	D-F 2
DR 4.95×5.84 <sup>R</sup>	4.95±0.15	1.7±0.15	5.84±0.2		4±0.15	
DR 8×10 <sup>R</sup>	8±0.15	3.5±0.15	10±0.3		6±0.15	
DR 10×12 <sup>R</sup>	10±0.2	3.7±0.15	12±0.4		6.5±0.15	
DR 12.5×15 <sup>R</sup>	12.5±0.2	6±0.15	15±0.5		10±0.2	
DR 14×15 <sup>R</sup>	14±0.2	6.7±0.2	15±0.5		9±0.2	
DR 14.2×15 <sup>R</sup>	14.2±0.2	7±0.2	15±0.5		9±0.2	



# DR d-29 DR d-31

## SHAPES

Fig1 d-29 Type

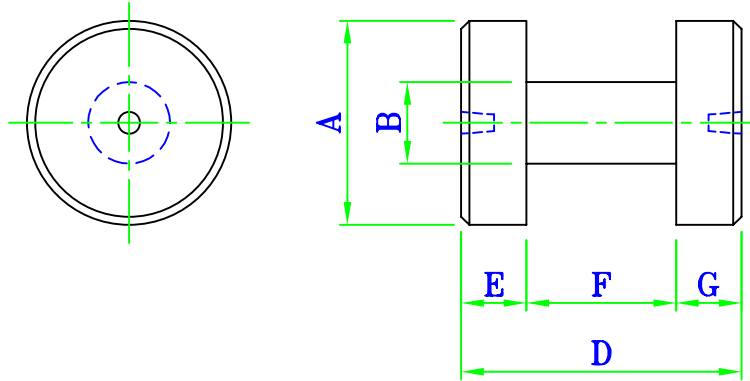
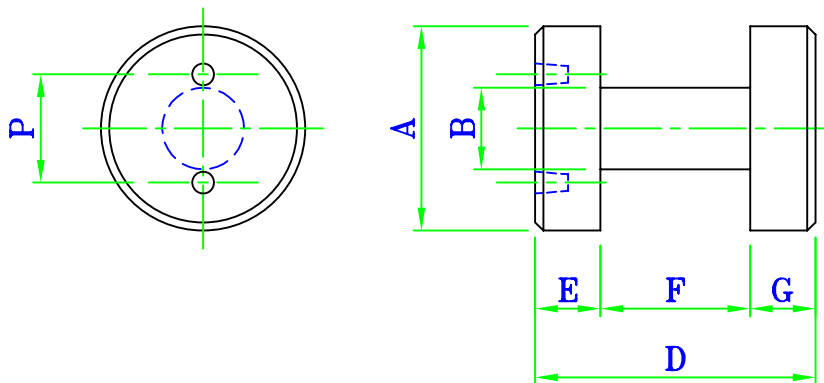


Fig2 d-31 Type



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	P	Fig
DR 1.8×2 <sup>d-29</sup>	1.8±0.1	1.12±0.1	2±0.15	D-F 2	0.8±0.1	D-F 2		1
DR 2×5 <sup>d-29</sup>	2±0.1	1.5±0.1	5±0.2		2.3±0.1		1	
DR 2.3×4 <sup>d-29</sup>	2.3±0.1	1.45±0.1	4±0.2		2.3±0.1		1	
DR 2.5×4.2 <sup>d-29</sup>	2.5±0.1	1.45±0.1	4.2±0.2		2.3±0.1		1	
DR 3×6 <sup>d-29</sup>	3±0.1	2±0.15	6±0.2		3.±0.15		1	
DR 4×8 <sup>d-29</sup>	4±0.1	2.4±0.15	8±0.3		6±0.15		1	
DR 5×8 <sup>d-29</sup>	5±0.15	2.5±0.15	8±0.3		4.2±0.15		1	
DR 6×8 <sup>d-29</sup>	6±0.15	2.5±0.15	8±0.3		4.2±0.15		1	
DR 3×4 <sup>d-31</sup>	3±0.1	2±0.15	4±0.2		2±0.15		1.4	2
DR 4×5.5 <sup>d-31</sup>	4±0.1	1.9±0.15	5.5±0.2		2±0.15		2.0	2
DR 5.4×7.5 <sup>d-31</sup>	5.4±0.15	2.8±0.15	7.5±0.3	4.2±0.15	3.0	2		



# DR d-29 DR d-31

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	P	Fig
DR 4.5×9 d-29	4.5±0.15	2.3±0.15 2.8±0.15	9±0.3	$\frac{D-F}{2}$	6±0.2	$\frac{D-F}{2}$		1
DR 7.5×9 d-29	7.5±0.15	3±0.15	9±0.3		4.8±0.15			1
DR 6×8 d-31	6±0.15	2.5±0.15	8±0.3		4.2±0.15		3.5	2
DR 6.5×7.5 d-31	6.5±0.15	3±0.15	7.5±0.3		4.2±0.15		3.5	2
DR 6.5×9.6 d-31	6.5±0.15	3±0.15	9.6±0.3		4.8 <sup>+0.2</sup> <sub>-0.1</sub>		3.5	2
DR 7.5×9 d-31	7.5±0.15	3±0.15	9±0.3		4.8±0.15		5.0	2
DR 8×8 d-31	8±0.15	3±0.15	8±0.3		4.2±0.15		5.0	2
DR 8×10 d-31	8±0.15	4±0.15	10±0.3		6±0.15		5.0	2
DR 9×12 d-31	9±0.2	3.8±0.15	12±0.4		6.5±0.15		5.25	2
DR 10×11 d-31	10±0.2	4±0.15	11±0.4		6.5±0.15		7.0	2
DR 14×15 d-31	14±0.2	6±0.15	15±0.4		9±0.2		7.6	2
DR 15×12.5 d-31	15±0.3	6±0.15	12.5±0.4		8±0.2		10	2
DR 12×16 d-31	12±0.2	6.5±0.15	16±0.4		10.5±0.2		7.5	2
DR 16×18 d-31	16±0.2	7±0.15	18±0.5		13±0.2		8.6	2





# DRWW-(1)

## SHAPES

Fig1  
D Type

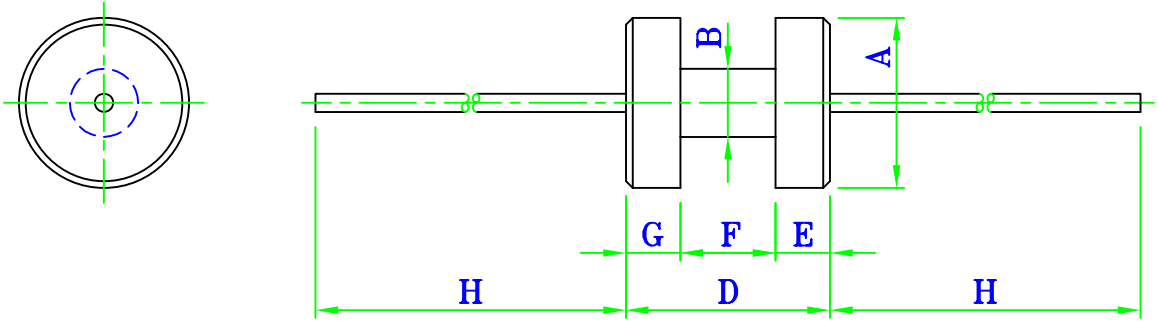
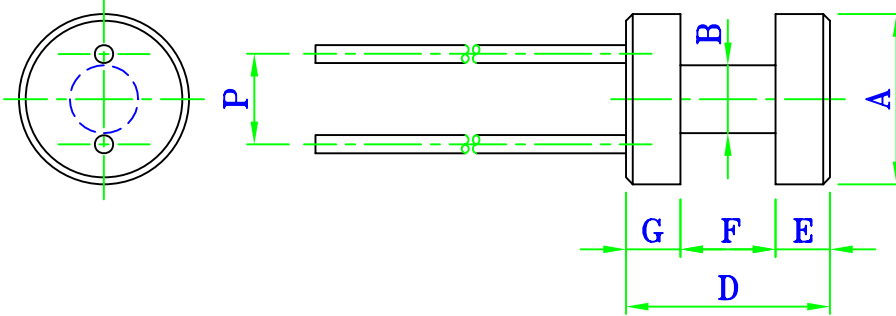


Fig2  
N Type



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	H	P	WIRE OD	Fig
DRWW 1.7×4.4 <sup>D</sup>	1.7±0.1	1.2±0.1	4.4±0.2		1.8±0.15					1
DRWW 1.78×1.78 <sup>D</sup>	1.78±0.1	1.12±0.1	1.78±0.15		0.8±0.15					1
DRWW 1.8×2 <sup>D</sup>	1.8±0.1	1.12±0.1	2±0.15		0.8±0.15					1
DRWW 2×2 <sup>D</sup>	2±0.1	1.12±0.1	2±0.15		0.8±0.15					1
DRWW 2×4 <sup>D</sup>	2±0.1	1.45±0.1	4±0.2		2.3±0.15					1
DRWW 2×4.2 <sup>D</sup>	2±0.1	1.45±0.1	4.2±0.2		2.3±0.15					1
DRWW 2×5 <sup>D</sup>	2±0.1	1.5±0.1	5±0.2		2.3±0.15		20		φ0.5	1
DRWW 2.2×2.2 <sup>D</sup>	2.2±0.1	1.15±0.1	2.2±0.15		1.2±0.15				}	1
DRWW 2.2×3.6 <sup>D</sup>	2.2±0.1	1.5±0.1	3.6±0.2	$\frac{D-F}{2}$	1.5±0.15	$\frac{D-F}{2}$	to			1
DRWW 2.3×2.3 <sup>D</sup>	2.3±0.1	1.15±0.1	2.3±0.15	2	1.2±0.15	2				1
DRWW 2.3×4 <sup>D</sup>	2.3±0.1	1.45±0.1	4±0.2		2.3±0.15					1
DRWW 2.33×5.15 <sup>D</sup>	2.33±0.1	1.9±0.1	5.15±0.2		3.65±0.15		38		φ0.65	1
DRWW 2.5×3 <sup>D</sup>	2.5±0.1	1.45±0.1	3±0.2		1.66±0.15					1
DRWW 2.5×4.2 <sup>D</sup>	2.5±0.1	1.45±0.1	4.2±0.2		2.3±0.15					1
DRWW 3×4.5 <sup>D</sup>	3±0.1	1.8±0.1	4.5±0.2		2.4±0.15					1
DRWW 3×6 <sup>D</sup>	3±0.1	2.0±0.1	6±0.2		3.0±0.15 3.7±0.15					1
DRWW 3×8 <sup>D</sup>	3±0.1	2.0±0.1	8±0.3		5.0±0.15					1
DRWW 3×10 <sup>D</sup>	3±0.1	1.85±0.1	10±0.3		6.0±0.15					1



# DRWW-(1)

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	H	P	WIRE OD	Fig	
DRWW 4×6 <sup>D</sup>	4±0.15	1.7±0.15	6±0.3	$\frac{D-F}{2}$	2.8±0.15	$\frac{D-F}{2}$	20		φ0.5	1	
DRWW 4×7 <sup>D</sup>	4±0.15	1.9±0.15	7±0.3		4.3±0.15			1			
DRWW 4×8 <sup>D</sup>	4±0.15	2.4±0.15	8±0.3		6±0.15			1			
DRWW 4.3×9.2 <sup>D</sup>	4.3±0.15	3.5±0.15	9.2±0.3		7.6±0.15			1			
DRWW 4.5×7 <sup>D</sup>	4.5±0.15	1.9±0.15	7±0.3		2±0.15			1			
DRWW 5×6 <sup>D</sup>	5±0.15	2.5±0.15	6±0.3		3±0.15			1			
DRWW 5×8 <sup>D</sup>	5±0.15	2.5±0.15	8±0.3		4.2±0.15			1			
DRWW 5×11 <sup>D</sup>	5±0.15	2.5±0.15	11±0.4		6.5±0.15			1			
DRWW 6×12 <sup>D</sup>	6±0.15	2.6±0.15	12±0.4		7±0.15			1			
DRWW 7.5×9 <sup>D</sup>	7.5±0.15	3±0.15	9±0.3		4.8±0.15			1			
DRWW 8×12 <sup>D</sup>	8±0.15	3.4±0.15	12±0.4		6.5±0.15			1			
DRWW 9×15.8 <sup>D</sup>	9±0.2	3.4±0.15	15.8±0.5		10.3±0.2			1			
DRWW 10×18.4 <sup>D</sup>	10±0.2	5.9±0.2	18.4±0.5		12±0.2			1			
DRWW 3×4 <sup>N</sup>	3±0.15	2±0.15	4±0.2		2±0.15		20	1.4	to	φ0.65	2
DRWW 4×5.5 <sup>N</sup>	4±0.15	1.9±0.15	5.5±0.2		2±0.15		2.0	2			
DRWW 4×6 <sup>N</sup>	4±0.15	1.7±0.15	6±0.3		3±0.15		2.0	2			
DRWW 4.5×6 <sup>N</sup>	4.5±0.15	2±0.15	6±0.3		3±0.15		2.5	2			
DRWW 5×6 <sup>N</sup>	5±0.15	2.5±0.15	6±0.3		3±0.15		2.5	2			
DRWW 6×8 <sup>N</sup>	6±0.15	2.5±0.15	8±0.3		4.2±0.15		3.5	2			
DRWW 6×8.5 <sup>N</sup>	6±0.15	2.5±0.15	8.5±0.3		4.2±0.15		3.5	2			
DRWW 6.5×7.5 <sup>N</sup>	6.5±0.15	2.5±0.15	7.5±0.3	4.2±0.15	3.5	2					
DRWW 6.5×8 <sup>N</sup>	6.5±0.15	2.5±0.15	8±0.3	4.2±0.15	3.5	2					
DRWW 7×8 <sup>N</sup>	7±0.15	2.6±0.15	8±0.3	3.7±0.15	5.0	2					
DRWW 7.5×9 <sup>N</sup>	7.5±0.15	3±0.15	9±0.3	4.8±0.15	5.0	2					
DRWW 8×10 <sup>N</sup>	8±0.15	4±0.15	10±0.3	6±0.15	5.0	2					
DRWW 8×12 <sup>N</sup>	8±0.15	3.5±0.15	12±0.4	6.5±0.15	5.0	2					
DRWW 9×12 <sup>N</sup>	9±0.2	3.8±0.15	12±0.4	6.5±0.15	5.25	2					
DRWW 10×11 <sup>N</sup>	10±0.2	4±0.15	11±0.4	6.5±0.15	7.0	2					
DRWW 10×16 <sup>N</sup>	10±0.2	6±0.2	16±0.5	10±0.2	7.4	2					
DRWW 12.5×15 <sup>N</sup>	12.7±0.2	4.75±0.2	15±0.5	10±0.2	7.5	2					
DRWW 14×15 <sup>N</sup>	14±0.2	5±0.2	15±0.5	9±0.2	7.6	2					



# DRWW-(2)

## SHAPES

Fig1  
RD Type

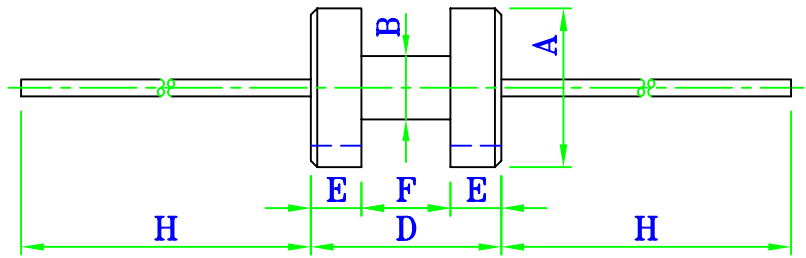
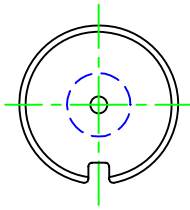


Fig2  
R2D Type

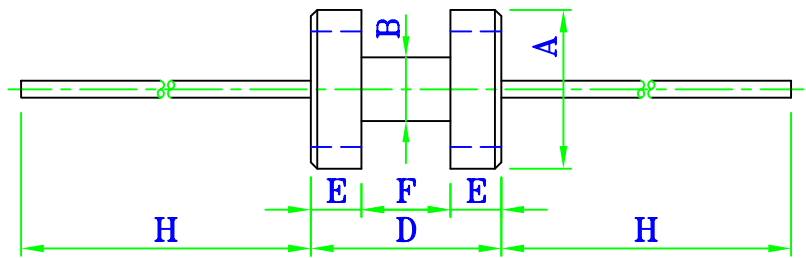
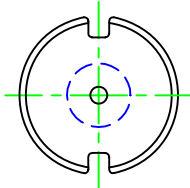


Fig3  
R4D Type

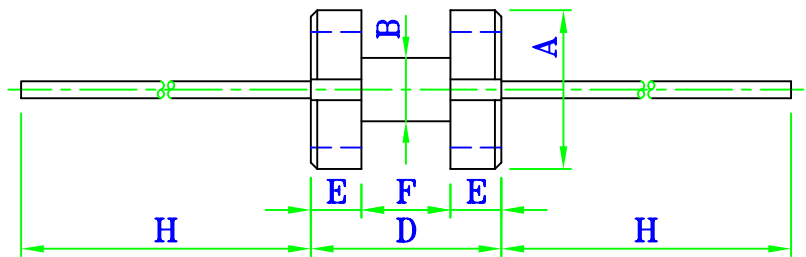
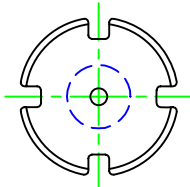
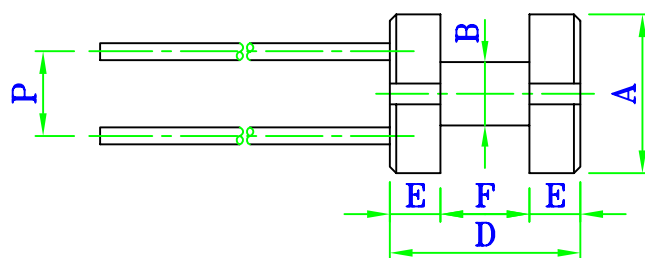
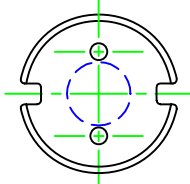


Fig4  
R2N Type



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	H	P	WIRE OD	Fig
DRWW 1.6×1.27 <sup>RD</sup>	1.6±0.1	1.12±0.1	1.27±0.1	D-F 2	0.64±0.1	20 to 38		φ0.5	1
DRWW 1.6×3.18 <sup>RD</sup>	1.6±0.1	1.02±0.1	3.18±0.1		1.91±0.1				1
DRWW 1.8×1.6 <sup>RD</sup>	1.8±0.1	1.12±0.1	1.6±0.1		0.8±0.1				1
DRWW 1.8×1.6 <sup>R4D</sup>	1.8±0.1	1.12±0.1	1.6±0.1		0.8±0.1				3
DRWW 1.8×2 <sup>RD</sup>	1.8±0.1	1.12±0.1	2±0.1		0.8±0.1				1
DRWW 2.3×2.03 <sup>RD</sup>	2.3±0.1	1.4±0.1	2.03±0.1		1.12±0.1				1
DRWW 2.3×2.03 <sup>R4D</sup>	2.3±0.1	1.4±0.1	2.03±0.1		1.12±0.1				3
DRWW 2.3×2.2 <sup>RD</sup>	2.3±0.1	1.15±0.1	2.2±0.1		1.2±0.1				1
DRWW 2.3×4 <sup>RD</sup>	2.3±0.1	1.45±0.1	4±0.2		2.3±0.1				1
DRWW 2.5×8 <sup>R2D</sup>	2.5±0.1	2±0.15	8±0.3		4.5±0.15				2



# DRWW-(2)

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	H	P	WIRE OD	Fig	
DRWW 4.57×8 <sup>R2D</sup>	4.57±0.15	2.72±0.15	8±0.3	D-F 2	5.7±0.15	20 to 38		φ0.5	2	
DRWW 4.75×8 <sup>R2D</sup>	4.75±0.15	2.72±0.15	8±0.3		6±0.15				2	
DRWW 5×12.7 <sup>R2D</sup>	5±0.15	2.72±0.15	12.7±0.4		10.15±0.2				2	
DRWW 6×8 <sup>R2D</sup>	6±0.15	2.5±0.15	8±0.3		4.2±0.15				2	
DRWW 6×17.8 <sup>R2D</sup>	6±0.15	4.7±0.15	17.8±0.5		12.7±0.2				2	
DRWW 6×19.05 <sup>R2D</sup>	6±0.15	3.55±0.15	19.05±0.5		12.7±0.2				2	
DRWW 6.35×11.7 <sup>R2D</sup>	6.35±0.15	4±0.15	11.7±0.3		9±0.15				2	
DRWW 6.45×15.88 <sup>R2D</sup>	6.45±0.15	5±0.15	15.88±0.5		12.7±0.2				2	
DRWW 6.45×17.8 <sup>R2D</sup>	6.45±0.15	4.75±0.15	17.8±0.5		12.7±0.2				2	
DRWW 6.8×11.7 <sup>R2D</sup>	6.8±0.15	4±0.15	11.7±0.3		9±0.15				2	
DRWW 7.62×8.12 <sup>R2D</sup>	7.62±0.15	3.2±0.15	8.12±0.3		4.2±0.15				2	
DRWW 8.9×10 <sup>R2D</sup>	8.89±0.15	3.81±0.15	10.16±0.4		7.62±0.25				2	
DRWW 9.3×16 <sup>RD</sup>	9.27±0.2	5.3±0.15	15.9±0.5		12.7±0.2				1	
DRWW 9.52×16 <sup>R2D</sup>	9.52±0.2	5.9±0.2	16±0.5		10±0.2				2	
DRWW 9.52×19.05 <sup>R2D</sup>	9.52±0.2	5±0.2	19.05±0.5		12.76±0.2				2	
DRWW 12×21 <sup>R2D</sup>	12±0.2	6.5±0.2	21±0.6		15±0.25				2	
DRWW 4×5.5 <sup>R2N</sup>	4±0.15	1.9±0.15	5.5±0.2		2±0.15				2.0	4
DRWW 7.37×6.86 <sup>R2N</sup>	7.37±0.15	3.3±0.15	6.86±0.2		4.06±0.13				4.85	4
DRWW 6×8 <sup>R2N</sup>	6±0.15	2.5±0.15	8±0.3		4.2±0.15				4.0	4
DRWW 8×10 <sup>R2N</sup>	8±0.15	3.5±0.15	10±0.3	6±0.15	4.5	4				

\* "B,D,F" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# DRWW-(3)

## SHAPES

Fig1 DR3W Type

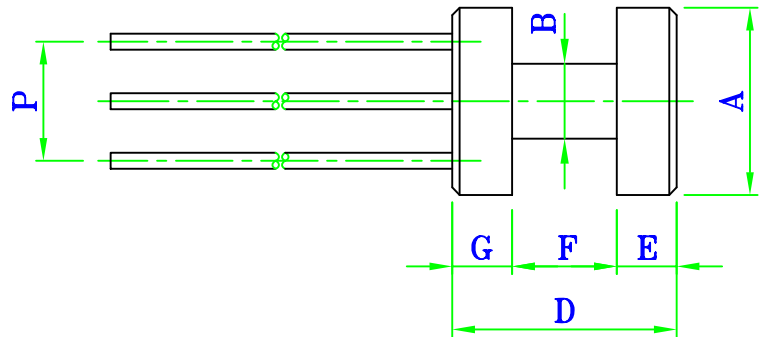
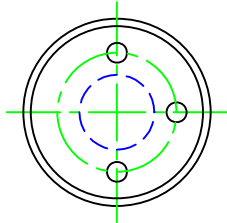


Fig2 DR4W Type

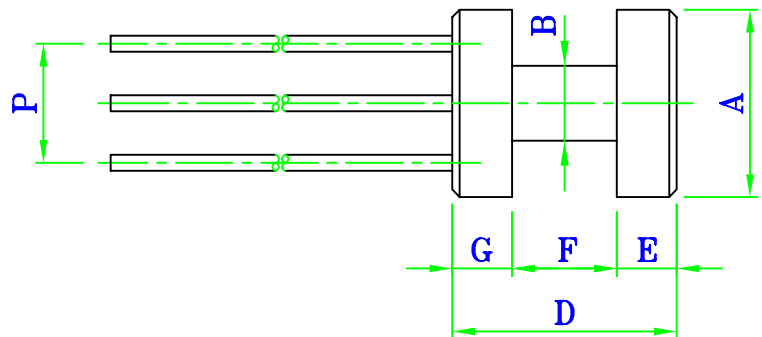
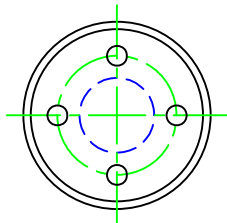
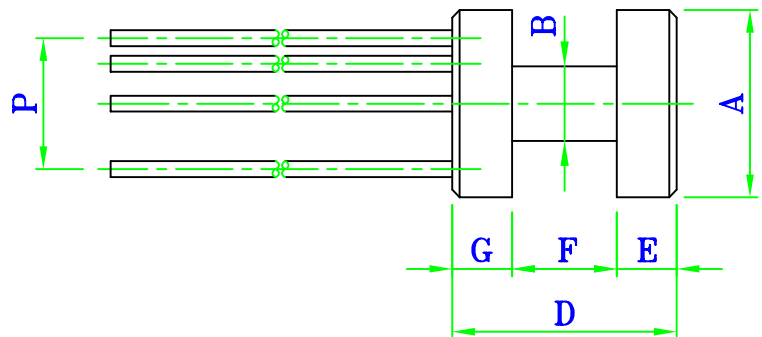
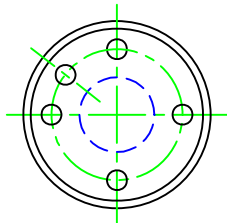


Fig3 DR5W Type

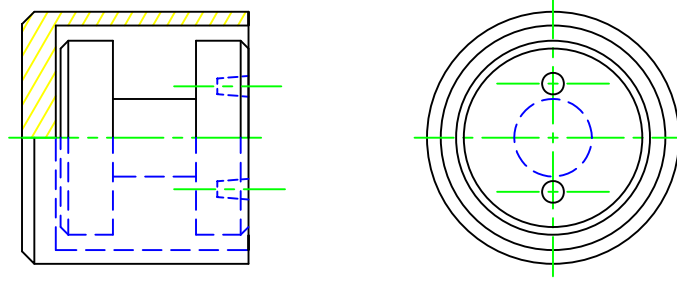


## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	E	F	G	H	P	WIRE OD	Fig
DR4W 8×5 <sup>N</sup>	8±0.15	3±0.15	5±0.3		2.4±0.15				φ0.5 φ1.0	2
DR3W 9×6.2 <sup>N</sup>	9±0.15	4.2±0.15	6.2±0.2		3.2±0.15			1		
DR3W 9×12 <sup>N</sup>	9±0.15	3.8±0.15	12±0.4		6.5±0.15		20	1		
DR4W 10×9 <sup>N</sup>	10±0.2	5±0.15	9±0.3	D-F	4.2±0.15	D-F	to	2		
DR3W 10×10 <sup>N</sup>	10±0.2	4.25±0.15	10±0.4	2	5.2±0.15	2	38	1		
DR5W 10×9 <sup>N</sup>	10±0.2	5±0.15	9±0.3		4.2±0.15			3		
DR4W 10×16 <sup>N</sup>	10±0.2	6±0.15	16±0.5		10.5±0.2			2		
DR3W 14×15 <sup>N</sup>	14±0.2	6.5±0.2	15±0.5		9±0.2			1		



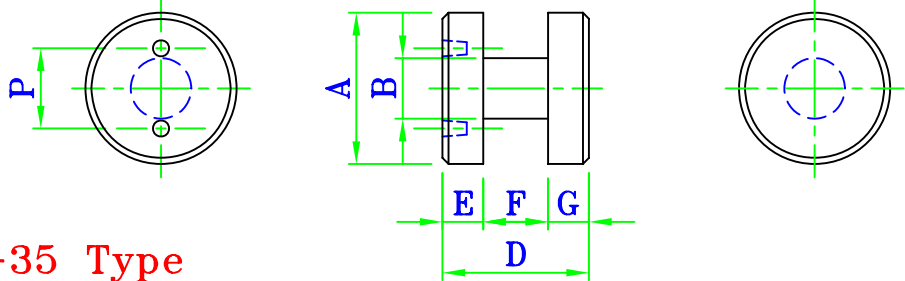
# DRP (DR with P)



## SHAPES

d-31 Type

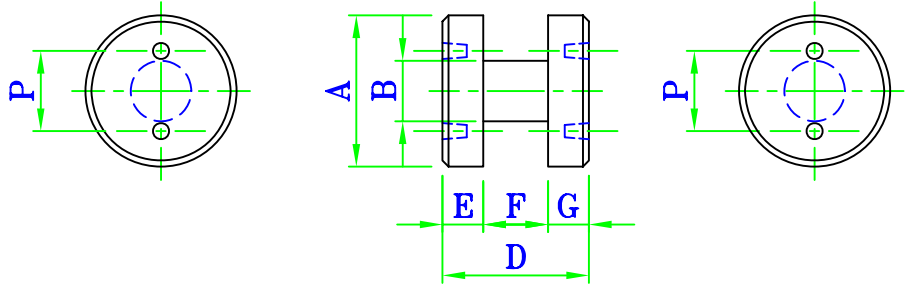
Fig1



DR

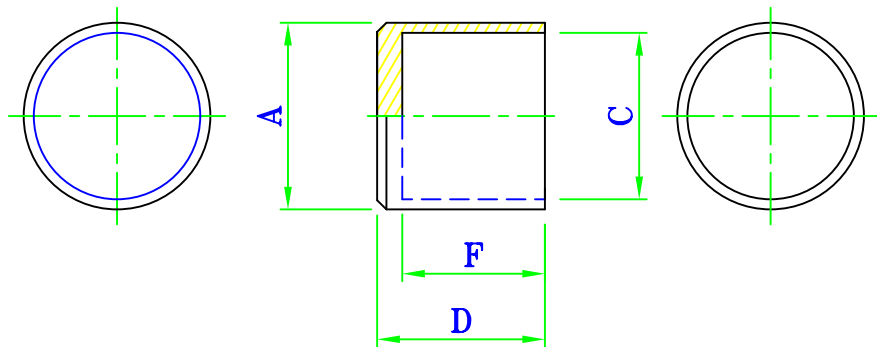
d-35 Type

Fig2



P

Fig3



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	Fig
DR 5×5 d-31	5±0.1	2.5±0.15		5±0.2	1.25±0.1	2.5±0.15	1.25±0.1	1
P 6.55×6.75	6.55±0.1		5.5±0.1	6.75 <sup>+0.15</sup> <sub>-0.2</sub>		5.55±0.1		3
DR 6.5×8 d-35	6.5 <sup>+0.1</sup> <sub>-0.2</sub>	2.5±0.15		8±0.3	2.1±0.2	3.8±0.15	2.1±0.2	2
P 9×11.5	9±0.1		7.2±0.1	11.5±0.2		10.2±0.2		3



# DRH SHAPES

Fig1

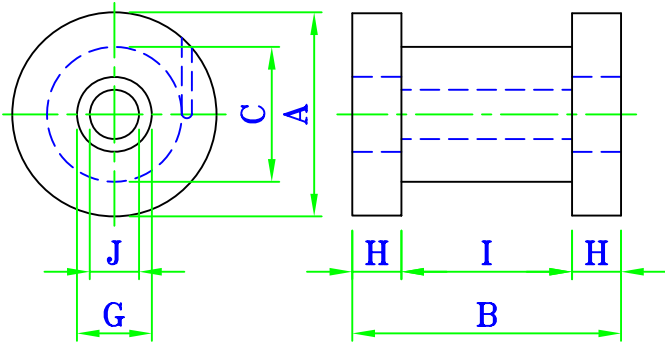


Fig2

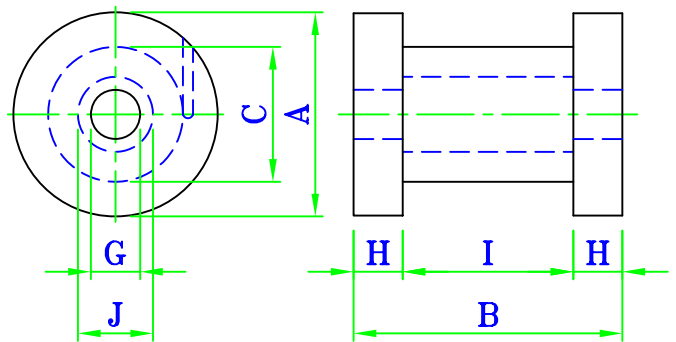


Fig3

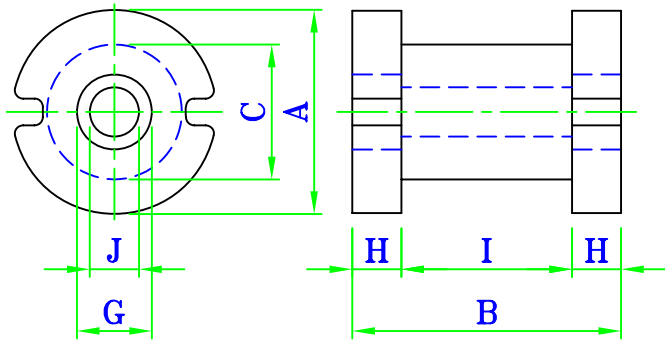
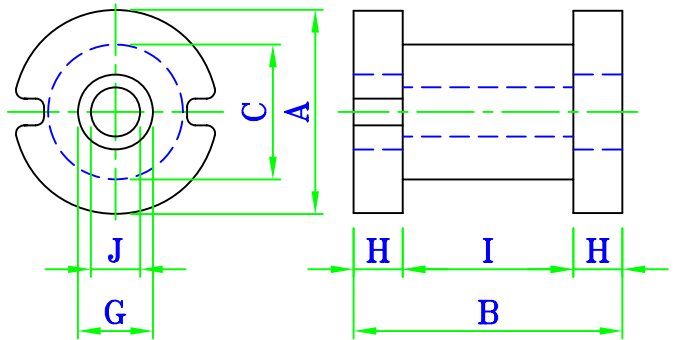


Fig4



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	G	H	I	J	Fig
DRH 14×20 <sup>R</sup>	14±0.35	20±0.7	9±0.25	4.5±0.3	3.75	12.5±0.5	3.2±0.2	4
DRH 16.5×17.45 <sup>R</sup>	16.2±0.5	17.45±1.0	10.9±0.5	4.65±0.3	2.4	12.65±0.5	3.15±0.2	3
DRH 18×20 <sup>R</sup>	18±0.8	20±1.0	11±0.4	4.75±0.3	3.75	12.5±0.5	3.2±0.2	3
DRH 24×20 <sup>R</sup>	24.1±0.76	20±0.7	13.1±0.38	4.8±0.3	3.85	12.5±0.5	3.2±0.2	4
DRH 22×14.5	22±1.0	14.5±1.0	12.5±0.3	6.8±0.3	3.5	7.5±0.5	3.75±0.2	1
DRH 22×18	22±1.0	18.5±1.0	12.5±0.3	6.8±0.3	3.5	11.5±0.5	3.75±0.2	1
DRH 28×22	28±1.0	22±1.5	17±0.4	6±0.3	4.0	14±0.6	4.2 <sup>+0.6</sup> <sub>-0</sub>	1
DRH 28×25	28±1.0	25±1.5	17±0.4	6±0.3	4.0	17±0.6	4.2 <sup>+0.6</sup> <sub>-0</sub>	1
DRH 35×25	35±1.0	25±1.5	21 <sup>+0.3</sup> <sub>-0.6</sub>	4.83 <sup>+0.2</sup> <sub>-0.3</sub>	4.0	17±0.6	6.99 <sup>+0.3</sup> <sub>-0.5</sub>	2
DRH 35×35	35±1.0	35±1.5	21 <sup>+0.3</sup> <sub>-0.6</sub>	4.83 <sup>+0.2</sup> <sub>-0.3</sub>	4.0	27±0.8	6.99 <sup>+0.3</sup> <sub>-0.5</sub>	2
DRH 45×35 <sup>R</sup>	45±1.0	35±1.5	26.7±0.7	9.2±0.25	4.6	26.2±0.8	6.8±0.2	4

\* CAN BE SUPPLIED WITH UNASSEMBLED PARTS OR ASSEMBLED WITH EPOXY COATING.



# SDR-(1)

## SHAPES

Fig1

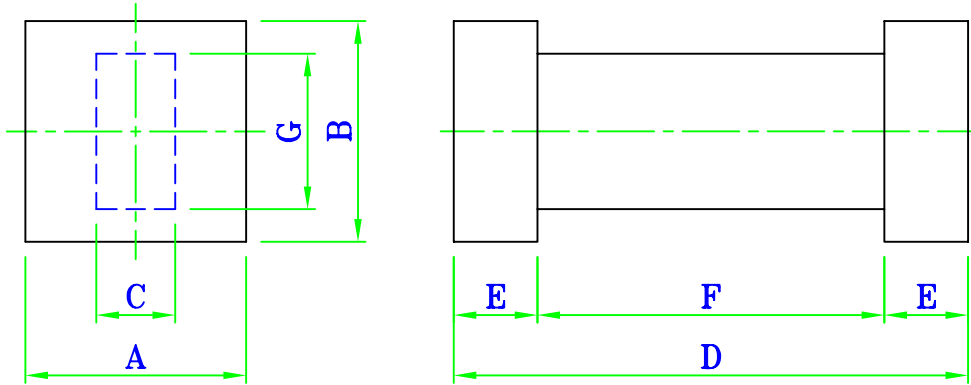
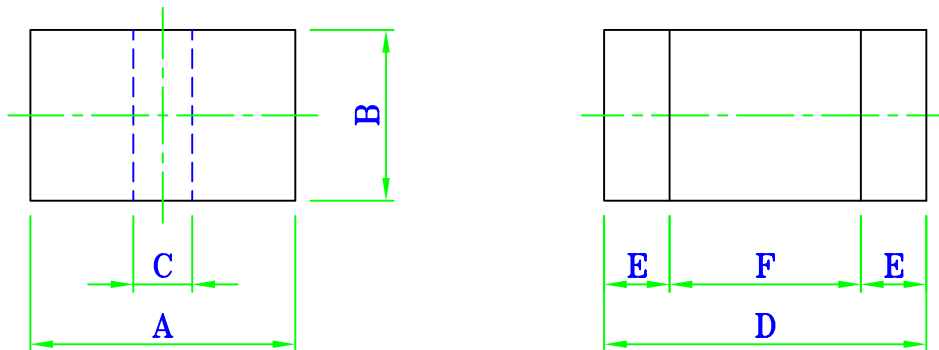


Fig2



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

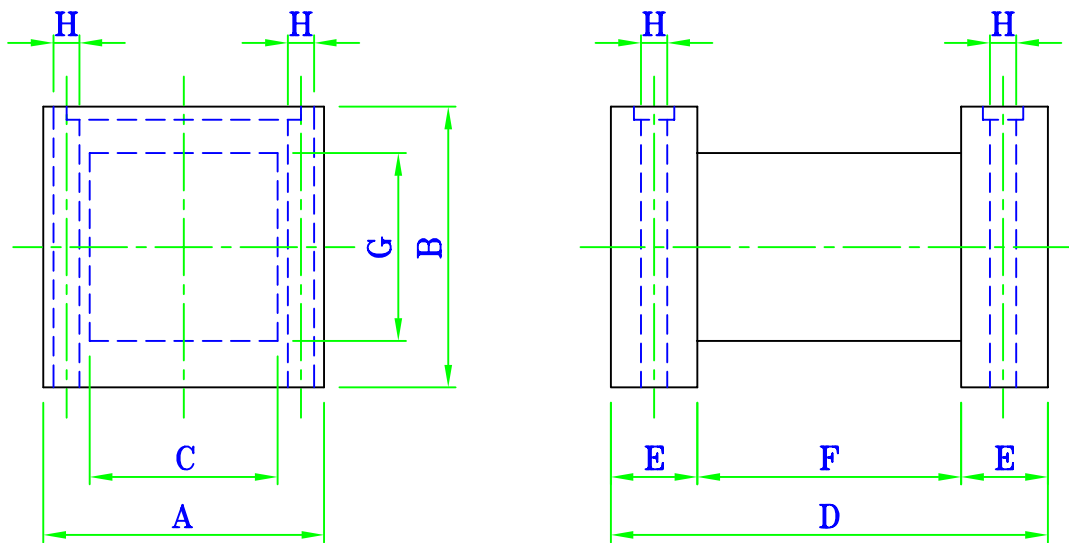
ITEM	A	B	C	D	E	F	G	Fig
SDR 2.54×5.08	2.54±0.1	2.54±0.1	1.15±0.1	5.08±0.2	1.27	2.54±0.1	1.15±0.1	1
SDR 8.06×19.05	8.06±0.2	8.06±0.2	2.9±0.15	19.05±0.6	3.1	12.8±0.5	5.7±0.2	1
SDR 10×19.05	10±0.3	10±0.3	3.7±0.15	19.05±0.6	2.10	14.9±0.6	6.9±0.3	1
SDR 11.55×7.37×13.9	11.43±0.25	7.366±0.254	2.54±0.15	13.9±0.32	2.82	8.255±0.2		2





# SDR-(2)

## SHAPES



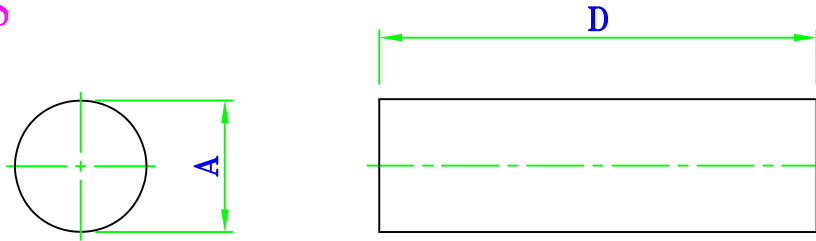
## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H
SDR 6.35×9.9 <sup>S</sup>	6.35±0.25	6.35±0.25	4.25 <sup>+0.19</sup> <sub>-0.18</sub>	9.88±0.38	1.96 REF	5.97±0.25	4.25 <sup>+0.19</sup> <sub>-0.18</sub>	0.838±0.076



# R

## SHAPES



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	D	ITEM	A	D
R 0.5×3	0.5±0.05	3±0.15	R 3.4×12	3.4±0.1	12±0.4
R 0.95×10	0.95±0.1	10±0.3	R 3.5×7.5	3.5±0.1	7.5±0.3
R 1.25×12.7	1.25±0.1	12.7±0.4	R 3.5×14	3.5±0.1	14±0.4
R 1.57×4.7	1.57±0.1	4.7±0.2	R 3.8×11	3.8±0.1	11±0.4
R 1.65×18	1.65±0.1	18±0.5	R 3.8×12.4	3.8±0.1	12.4±0.4
R 1.7×15	1.7±0.1	15±0.4	R 3.93×11.93	3.93±0.1	11.93±0.4
R 1.75×9	1.75±0.1	9±0.3	R 4×9	4±0.1	9±0.3
R 2×7	2±0.1	7±0.3	R 4×16	4±0.1	16±0.5
R 2.3×20	2.3±0.1	20±0.6	R 4×25	4±0.15	25±0.8
R 2.5×16	2.5±0.1	16±0.5	R 4×38	4±0.15	38±0.8
R 2.65×10	2.65±0.1	10±0.3	R 4.1×10	4.1±0.1	10±0.3
R 2.7×10	2.7±0.1	10±0.3	R 4.35×16	4.35±0.15	16±0.5
R 2.85×10	2.85±0.1	10±0.3	R 4.5×30	4.5±0.15	30±0.8
R 3×10	3±0.1	10±0.3	R 4.8×15	4.8±0.15	15±0.4
R 3×14	3±0.1	14±0.4	R 4.8×21	4.8±0.15	21±0.6
R 3×25	3±0.15	25±0.8	R 4.9×15	4.9±0.15	15±0.4
R 3.1×7.5	3.1±0.1	7.5±0.3	R 5×15	5±0.15	15±0.4
R 3.1×12	3.1±0.1	12±0.4	R 5×25	5±0.15	25±0.8
R 3.17×15	3.17±0.1	15±0.4	R 5×30	5±0.15	30±0.8
R 3.3×15	3.3±0.1	15±0.4	R 5.5×25.4	5.5±0.15	25.4±0.8
R 3.3×12	3.3±0.1	12±0.4	R 5.6×9.5	5.6±0.15	9.5±0.3

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



YENG TAT ELECTRONICS CO.,LTD.

# R

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	D	ITEM	A	D
R 6×10	6±0.15	10±0.4	R 8×10	8±0.2	10±0.3
R 6×18	6±0.15	18±0.5	R 8×15	8±0.2	15±0.4
R 6×24	6±0.15	24±0.8	R 8×32	8±0.2	32±0.8
R 6×30	6±0.15	30±0.8	R 8.2×30	8.2±0.2	30±0.8
R 6×38	6±0.15	38±0.8	R 8.2×40	8.2±0.2	40±1.0
R 6.1×30	6.1±0.15	30±0.8	R 9.1×38.1	9.1±0.254	38.1±0.76
R 6.2×15	6.2±0.15	15±0.4	R 9.2×30	9.2±0.2	30±0.8
R 6.25×15	6.25±0.15	15±0.4	R 9.5×19	9.5±0.2	19±0.5
R 6.25×40	6.25±0.15	40±1.0	R 9.53×25.4	9.53±0.2	25.4±0.8
R 6.35×15	6.35±0.15	15±0.4	R 9.53×31.75	9.53±0.2	31.75±0.8
R 6.35×27.7	6.35±0.15	27.7±0.8	R 9.85×21	9.85±0.2	21±0.6
R 6.4×38	6.4±0.15	38±0.8	R 10×18	10.1±0.2	18±0.5
R 6.5×15	6.5±0.15	15±0.4	R 10×21	10.1±0.2	21±0.6
R 6.5×30	6.5±0.15	30±0.8	R 10×30	10±0.2	30±0.8
R 6.6×25	6.6±0.15	25±0.8	R 10×40	10±0.2	40±1.0
R 6.8×22	6.8±0.15	22±0.6	R 10.7×38.4	10.7±0.2	38.4±0.8
R 7.6×15	7.6±0.15	15±0.4	R 11×32	11±0.2	32±0.8
R 7.6×30	7.6±0.15	30±0.8	R 14.5×28	14.5±0.25	28±0.8
R 7.6×40	7.6±0.15	40±1.0	R 25.7×25	25.7±0.5	25±0.8

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# RW RWW

## SHAPES

Fig1

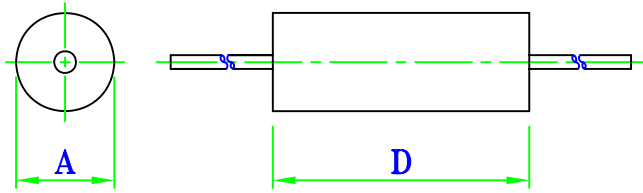


Fig2

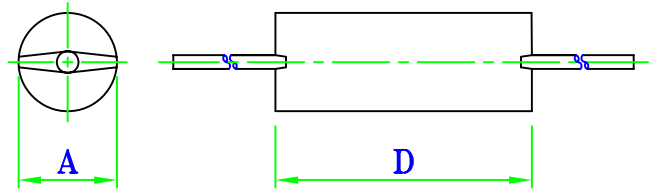


Fig3

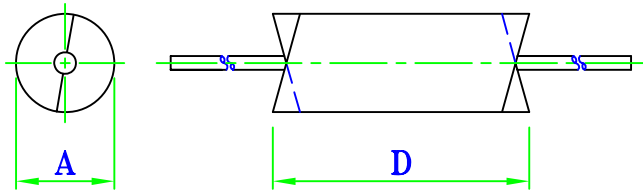


Fig4

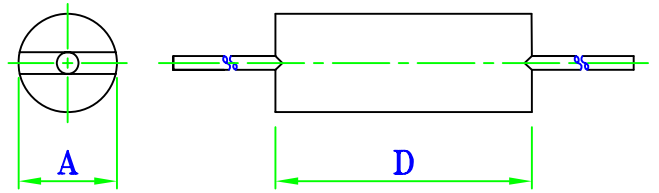
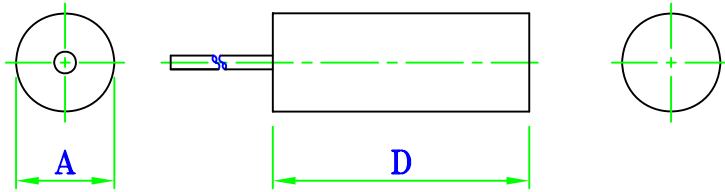


Fig5



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	D	Fig	ITEM	A	D	Fig
RWW 1.17×4.36	1.17±0.1	4.36±0.2	1	RWW 2.3×2.5	2.3±0.1	2.5±0.2	1
RWW 1.25×5	1.25±0.1	5±0.2	1	RWW 2.72×7.87	2.72±0.1	7.87±0.3	1
RWW 1.32×4.95	1.32±0.1	4.95±0.25	1	RWW 2.8×8	2.8±0.1	8±0.3	1
RWW 1.4×4.5	1.4±0.1	4.5±0.2	1	RWW 3×10	3±0.1	10±0.3	1
RWW 1.5×4.5	1.5±0.1	4.5±0.2	1	RWW 3.5×8	3.5±0.1	8±0.3	1
RWW 1.57×5	1.57±0.1	5±0.2	1	RWW 3.5×14	3.5±0.1	14±0.4	1
RWW 1.65×5	1.65±0.1	5±0.2	1	RWW 4×16	4±0.1	16±0.5	1
RWW 1.8×4.75	1.8±0.1	4.75±0.2	1	RWW 4.4×14	4.4±0.1	14±0.4	1
RWW 1.8×8	1.8±0.1	8±0.3	1	RWW 4.8×15.88	4.8±0.15	15.88±0.4	1
RWW 1.9×8.28	1.9±0.1	8.28±0.3	1	RWW 5×20	5±0.15	20±0.6	1
RWW 2×2.5	2±0.1	2.5±0.15	1	RWW 5.3×16	5.3±0.15	16±0.4	1
RWW 2×4	2±0.1	4±0.2	1	RWW 6×14	6±0.15	14±0.4	1
RWW 2.1×4.5	2.1±0.1	4.5±0.2	1	RWW 6.22×22.2	6.22±0.15	22.2±0.6	1



# RW RWW

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	D	Fig	ITEM	A	D	Fig
RWW 6.3×30	6.3±0.15	30±0.8	1	RWW 3.5×11 <sup>T</sup>	3.5±0.1	11±0.3	2
RWW 7.5×16	7.5±0.2	16±0.4	1	RWW 3.5×15.88 <sup>T</sup>	3.5±0.1	15.88±0.4	2
RWW 8×30	8±0.2	30±0.8	1	RWW 4×8 <sup>T</sup>	4±0.1	8±0.3	2
RWW 9.5×15	9.5±0.2	15±0.4	1	RWW 4×14 <sup>T</sup>	4±0.1	14±0.4	2
RWW 9.53×25.4	9.53±0.2	25.4±0.8	1	RWW 4.8×20 <sup>T</sup>	4.8±0.15	20±0.6	2
RWW 10×30	10±0.2	30±0.8	1	RWW 5×15.87 <sup>T</sup>	5±0.15	15.87±0.4	2
RWW 1.5×4.5 <sup>T</sup>	1.5±0.1	4.5±0.2	2	RWW 5×22.9 <sup>T</sup>	5±0.15	22.9±0.6	2
RWW 1.55×5.08 <sup>T</sup>	1.55±0.1	5.08±0.2	2	RWW 5.28×19.05 <sup>T</sup>	5.28±0.15	19.05±0.5	2
RWW 1.78×4.32 <sup>T</sup>	1.78±0.1	4.32±0.2	2	RWW 5.5×10 <sup>T</sup>	5.5±0.15	10±0.3	2
RWW 1.91×8.18 <sup>T</sup>	1.91±0.1	8.18±0.3	2	RWW 5.5×25 <sup>T</sup>	5.5±0.15	25±0.8	2
RWW 2×2.5 <sup>T</sup>	2±0.1	2.5±0.15	2	RWW 6.22×19.05 <sup>T</sup>	6.22±0.2	19.05±0.5	2
RWW 2×4 <sup>T</sup>	2±0.1	4±0.2	2	RWW 6.35×31.75 <sup>T</sup>	6.35±0.2	31.75±0.8	2
RWW 2.1×4.75 <sup>T</sup>	2.1±0.1	4.75±0.2	2	RWW 9.53×25.4 <sup>T</sup>	9.53±0.2	25.4±0.8	2
RWW 2.41×7.92 <sup>T</sup>	2.41±0.1	7.92±0.3	2	RWW 10.1×38.1 <sup>T</sup>	10.1±0.2	38.1±0.8	2
RWW 2.41×12.2 <sup>T</sup>	2.41±0.1	12.2±0.4	2	RWW 1.32×4.85 <sup>TV</sup>	1.32±0.1	4.85±0.2	4
RWW 2.5×4.2 <sup>T</sup>	2.5±0.1	4.2±0.2	2	RWW 1.55×5.08 <sup>TV</sup>	1.55±0.1	5.08±0.2	4
RWW 2.72×7.92 <sup>T</sup>	2.72±0.1	7.92±0.3	2	RWW 1.6×5.08 <sup>TV</sup>	1.6±0.1	5.08±0.2	4
RWW 5.5×25 <sup>T</sup>	5.5±0.15	25±0.8	2	RWW 3×6 <sup>ST</sup>	3±0.1	6±0.3	3
RWW 2.72×15.88 <sup>T</sup>	2.72±0.1	15.88±0.4	2	RWW 3.2×9.7 <sup>ST</sup>	3.2±0.1	9.7±0.3	3
RWW 6.22×19.05 <sup>T</sup>	6.22±0.2	19.05±0.5	2	RWW 3.2×14.7 <sup>ST</sup>	3.2±0.1	14.7±0.4	3
RWW 2.8×8 <sup>T</sup>	2.8±0.1	8±0.3	2	RWW 5×19.7 <sup>ST</sup>	5±0.15	19.7±0.5	3
RWW 3×6 <sup>T</sup>	3±0.1	6±0.3	2	RWW 5×24.7 <sup>ST</sup>	5±0.15	24.7±0.6	3
RWW 3×12 <sup>T</sup>	3±0.1	12±0.4	2	RWW 6×25 <sup>ST</sup>	6±0.2	25±0.8	3
RWW 3.17×15 <sup>T</sup>	3.17±0.1	15±0.4	2	RW 3.1×12.7	3.1±0.1	12.7±0.4	5
RWW 3.3×10 <sup>T</sup>	3.3±0.1	10±0.3	2	RW 5.9×30	5.9±0.15	30±0.8	5
RWW 3.3×18 <sup>T</sup>	3.3±0.1	18±0.5	2	RW 6.35×29.5	6.35±0.15	29.5±0.8	5
RWW 3.5×5 <sup>T</sup>	3.5±0.1	5±0.2	2				

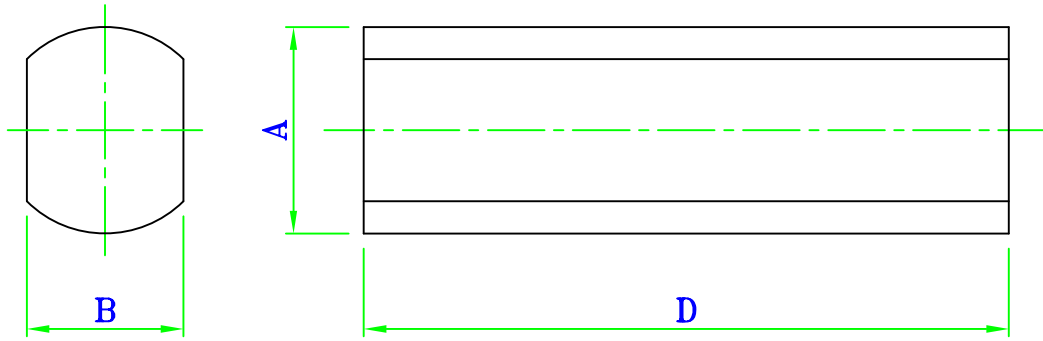
\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



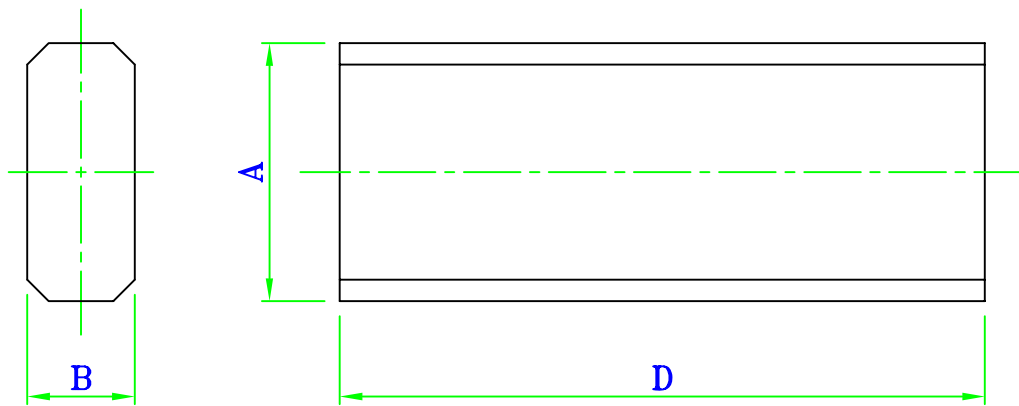
# AP AR

## SHAPES

**Fig1**



**Fig2**



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	Fig
AR 9.6×50	9.6±0.3	8.8±0.3	50±1.0	1
AP 5×12×50	12±0.3	5±0.3	50±1.0	2
AP 5×13×60	13±0.3	5±0.3	60±1.0	2
AP 5×15×60	15±0.4	5±0.3	60±1.0	2
AP 5×16×60	16±0.4	5±0.3	60±1.0	2



# H

## SHAPES

Fig1

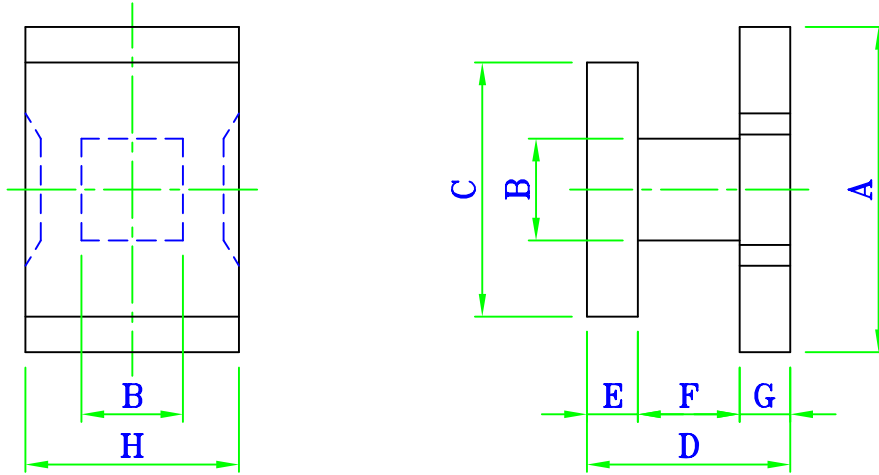
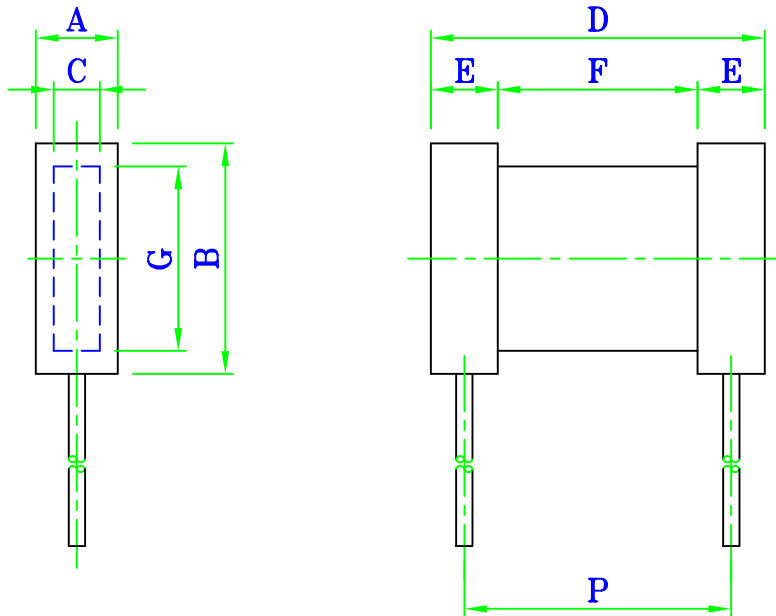


Fig2



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	P	Fig
H 3.2×2.1×2 SQ-1	3.2±0.15	1.0±0.1	2.5±0.15	2±0.15	0.55	0.95±0.1	0.5±0.1	2.1±0.15		1
HWW 6.35×2.26×11 <sup>N</sup>	2.26±0.1	6.35±0.2	1.27±0.1	11.2±0.3	1.85	7.5±0.3	5.08±0.2		9.5	2
HWW 6.4×3.6×7.4 <sup>N</sup>	3.6±0.1	6.4±0.2	1.6±0.1	7.4±0.3	1.4	4.6±0.2	4.4±0.2		5.4	2
HWW 6.35×2.54×9.52 <sup>N</sup>	2.54±0.15	6.35±0.2	1.27±0.1	9.52±0.3	1.9	5.71±0.3	4.82±0.2		7.62	2



YENG TAT ELECTRONICS CO.,LTD.

# I

## SHAPES

Fig1

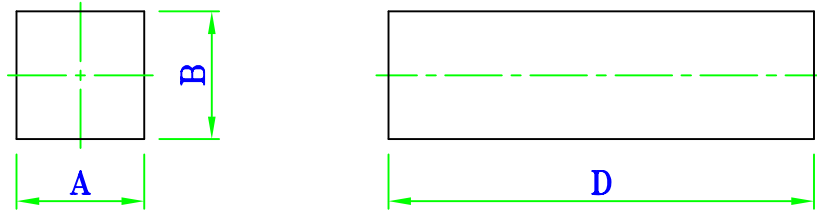


Fig2

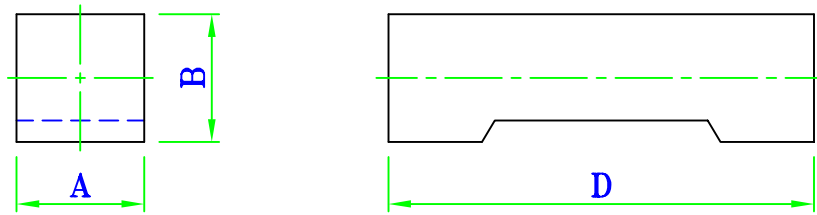
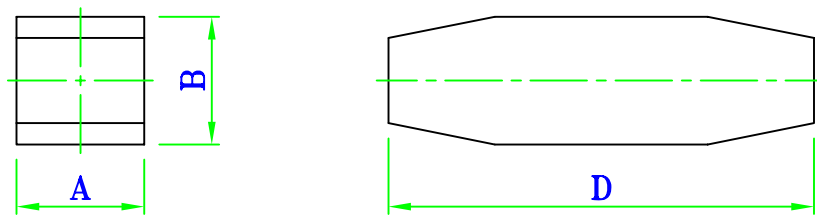


Fig3



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	D	Fig	ITEM	A	B	D	Fig
I 2×2×2.54	2±0.1	2±0.1	2.54±0.2	2	I 4×4×40	4±0.2	4±0.2	40±1.0	3
I 2.54×2×4.06	2.54±0.1	2±0.1	4.06±0.2	2	I 4.5×5×19	4.5±0.15	5±0.15	19±0.5	1
I 4×4×15	4±0.15	4±0.15	15±0.5	1	I 6×6×20	6±0.15	6±0.15	20±0.5	1





# RI

## SHAPES

Fig1

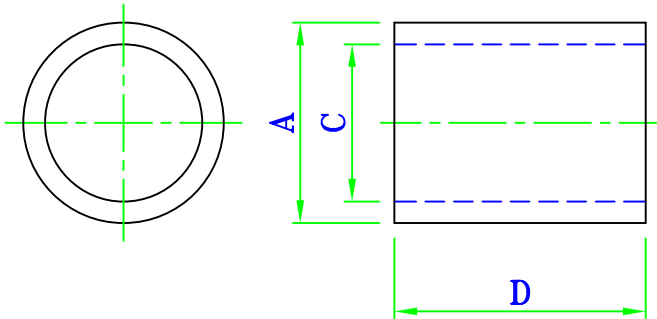


Fig2

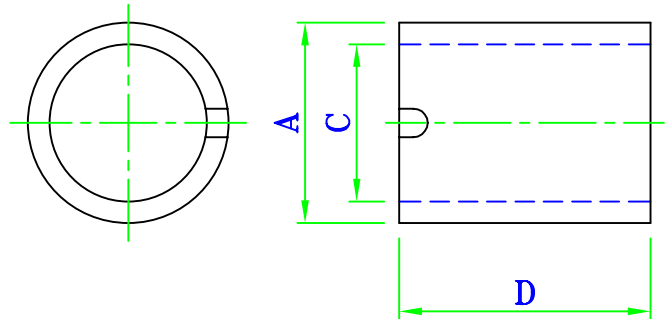


Fig3

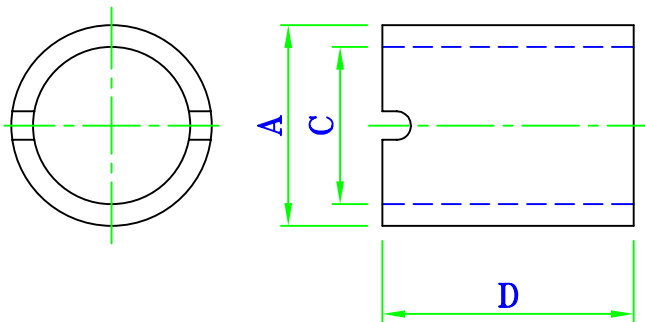
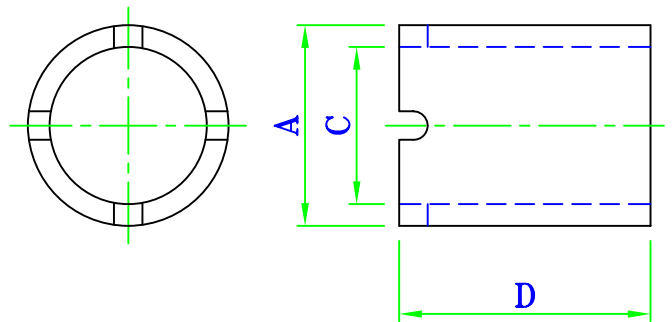


Fig4



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	Fig	ITEM	A	C	D	Fig
RI 2.15×4.75×1.57	2.15±0.1	1.57±0.15	4.75±0.2	1	RI 4.26×7.87×3.15	4.26±0.15	3.15±0.15	7.87±0.3	1
RI 2.25×5×1.7	2.25±0.1	1.7±0.15	5±0.2	1	RI 5.5×5.5×3.7	5.5±0.15	3.7±0.15	5.5±0.2	1
RI 2.5×4.2×1.8	2.5±0.1	1.8±0.15	4.2±0.2	1	RI 5.64×8.38×4.8	5.64±0.15	4.8±0.15	8.38±0.3	1
RI 2.54×4.95×1.97	2.54±0.1	1.97±0.15	4.95±0.2	1	RI 6.48×8.13×5.08	6.48±0.2	5.08±0.15	8.13±0.3	1
RI 3.3×8.13×2.49	3.3 <sup>+0.05</sup> <sub>-0.15</sub>	2.5±0.15	8.13±0.3	1	RI 6.48×11.1×5.33	6.48±0.2	5.33±0.2	11.1±0.3	1
RI 3.5×9.14×2.78	3.5±0.15	2.78±0.15	9.14±0.3	1	RI 6.5×12.5×5.33	6.5±0.2	5.33±0.2	12.5±0.4	1
RI 3.78×9.53×3.01	3.78±0.15	3.01±0.15	9.53±0.3	1	RI 6.79×11.18×5.05	6.79±0.2	5.05±0.2	11.18±0.3	1
RI 4×6×2.5	4±0.15	2.5±0.15	6±0.3	1	RI 6.8×12.2×5.35	6.8±0.2	5.35±0.2	12.2±0.4	1

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



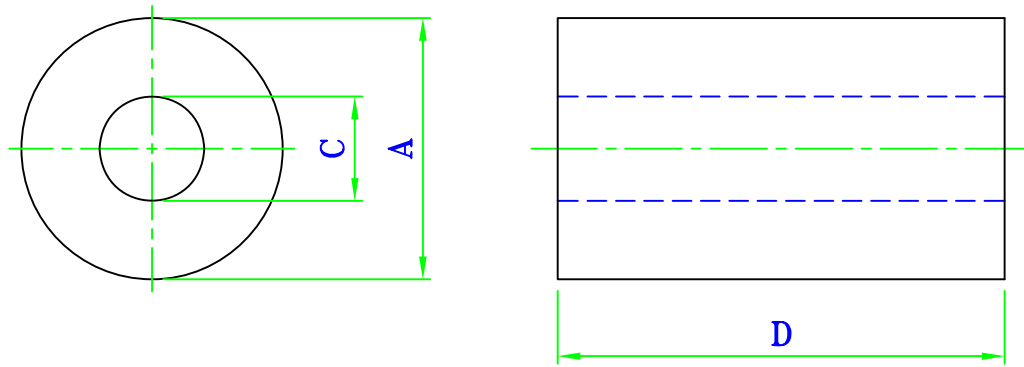
## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	Fig	ITEM	A	C	D	Fig
RI 7×7.4×5.49	7±0.2	5.49±0.2	7.4±0.3	1	RI 12.8×15×8	12.8±0.4	8±0.3	15±0.5	1
RI 7.2×11.1×5.33	7.2±0.2	5.33±0.2	11.1±0.3	1	RI 3.3×1.7×2.5 <sup>T</sup>	3.3±0.1	2.5±0.1	1.7±0.1	2
RI 7.37×12.95×6.35	7.37±0.2	6.35±0.2	12.95±0.4	1	RI 3.3×2×2.5 <sup>T</sup>	3.3±0.1	2.5±0.1	2±0.1	2
RI 7.57×12.32×5.18	7.57±0.2	5.18±0.2	12.32±0.4	1	RI 3.3×2.6×2.5 <sup>T</sup>	3.3±0.1	2.5±0.1	2.6±0.1	2
RI 8.64×11.6×6.43	8.64±0.2	6.43±0.2	11.6±0.3	1	RI 4.3×3×3.3 <sup>T</sup>	4.3±0.1	3.3±0.1	3±0.1	2
RI 9.14×11×7.4	9.14±0.2	7.4±0.2	11±0.3	1	RI 4.5×2×3.6 <sup>T</sup>	4.5±0.1	3.6±0.1	2±0.1	2
RI 9.5×6×7.75	9.5±0.2	7.75±0.2	6±0.3	1	RI 4.5×2.2×3.6 <sup>T</sup>	4.5±0.1	3.6±0.1	2.2±0.1	2
RI 9.56×11×8	9.56±0.2	8±0.3	11±0.3	1	RI 4.5×2.5×3.6 <sup>T</sup>	4.5±0.1	3.6±0.1	2.5±0.1	2
RI 9.4×7×7.9	9.4±0.2	7.9±0.15	7±0.25	1	RI 4.9×3×3.9 <sup>T</sup>	4.9±0.1	3.9±0.1	3±0.1	2
RI 9.8×5×7.8	9.8±0.2	7.8±0.3	5±0.2	1	RI 4×1.7×3.2 <sup>2T</sup>	4±0.1	3.2±0.1	1.7±0.1	3
RI 9.85×6.6×8.2	9.85±0.2	8.2±0.3	6.6±0.3	1	RI 2.8×2.69×2.03 <sup>4T</sup>	2.8±0.1	2.03±0.1	2.69±0.2	4

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.

# RH

## SHAPES



## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	ITEM	A	C	D
RH 1.42×3.2×0.66	1.42±0.1	0.66±0.15	3.2±0.2	RH 3×3.3×1.2	3±0.1	1.3±0.15	3.3±0.2
RH 1.5×3.2×0.7	1.5±0.1	0.7±0.15	3.2±0.2	RH 3×6×0.8	3±0.1	0.8±0.15	6±0.3
RH 1.7×6.73×0.7	1.7±0.1	0.7±0.15	6.73±0.3	RH 3×1.7×1	3±0.1	1±0.15	1.7±0.2
RH 1.78×1.9×0.85	1.78±0.1	0.85±0.15	1.9±0.2	RH 3×12×1	3±0.15	1±0.15	12±0.4
RH 1.9×3.8×1.0	1.9±0.1	1±0.15	3.8±0.2	RH 3.5×3.25×1.5	3.5±0.2	1.5±0.15	3.25±0.2
RH 1.9×5×0.76	1.9±0.1	0.76±0.15	5±0.2	RH 3.5×3.5×1	3.5±0.2	1±0.15	3.5±0.2
RH 2.3×1.6×0.8	2.36±0.1	0.8±0.15	1.6±0.2	RH 3.5×4.5×0.8	3.5±0.2	0.8±0.15	4.5±0.3
RH 2.3×3.4×0.85	2.25±0.1	0.85±0.15	3.4±0.2	RH 3.5×6×1.3	3.5±0.2	1.3±0.15	6±0.3
RH 2.5×1×0.8	2.5±0.1	0.8±0.15	1±0.2	RH 3.5×8.9×0.8	3.5±0.2	0.8±0.15	8.9±0.3
RH 2.5×1×1	2.5±0.1	1±0.15	1±0.2	RH 3.5×9×1.15	3.5±0.2	1.15±0.15	9±0.3
RH 2.6×2.92×1.4	2.6±0.1	1.4±0.15	2.92±0.2	RH 3.5×11.5×0.8	3.5±0.2	0.8±0.15	11.5±0.4
RH 2.9×3.81×1.4	2.9±0.1	1.4±0.15	3.81±0.2	RH 3.5×12×1.2	3.5±0.2	1.2±0.15	12±0.4

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# RH

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	ITEM	A	C	D
RH 3.5×12×1	3.5±0.2	1±0.15	12±0.4	RH 7.5×7.54×2.39	7.5±0.2	2.39±0.2	7.54±0.3
RH 4×4.5×0.8	4±0.2	0.8±0.15	4.5±0.3	RH 8×9.5×3.1	8±0.2	3.1±0.2	9.5±0.3
RH 4×10×1.2	4±0.2	1.2±0.15	10±0.3	RH 8×19×3.1	8±0.2	3.1±0.2	19±0.6
RH 4×10×2	4±0.2	2±0.15	10±0.3	RH 8×13×4	8±0.2	4±0.2	13±0.4
RH 4.2×3.2×1.4	4.2±0.2	1.4±0.2	3.2±0.2	RH 9.52×14×5.08	9.52±0.3	5.08±0.2	14±0.4
RH 4.5×10×1.5	4.5±0.2	1.5±0.15	10±0.3	RH 9.7×10.4×4.7	9.7±0.3	4.7±0.2	10.4±0.3
RH 4.5×10×2	4.5±0.2	2±0.15	10±0.3	RH 11×13.7×3.2	11±0.3	3.2±0.2	13.7±0.4
RH 5×4×1.2	5±0.2	1.2±0.15	4±0.3	RH 12.4×15×7.4	12.4±0.4	7.4±0.5	15±0.4
RH 5×2×2	5±0.2	2±0.15	2±0.2	RH 12.8×15×8	12.8±0.4	8±0.4	15±0.4
RH 5×10×1.5	5±0.2	1.5±0.15	10±0.3	RH 14.5×28×6	14.5±0.6	6±0.5	28±0.8
RH 5×26×2	5±0.2	2±0.15	26±0.8	RH 14.5×28×6.6	14.5±0.6	6.6±0.5	28±0.8
RH 5.08×11.1×1.57	5.08±0.2	1.57±0.15	11.1±0.4	RH 14.5×28×7.6	14.5±0.6	7.6±0.6	28±0.8
RH 6×6×1.3	6±0.2	1.3±0.15	6±0.3	RH 17.45×17×9.5	17.45±0.8	9.5±0.6	17±0.6
RH 6×7.5×2	6±0.2	2±0.2	7.5±0.3	RH 17.45×28.5×9.5	17.45±0.8	9.5±0.6	28.5±0.8
RH 6×30×2.5	6±0.2	2.5±0.2	30±0.8	RH 21×18×7	21±0.8	7±0.5	18±0.6
RH 6.35×12.85×3	6.35±0.2	3±0.2	12.85±0.4	RH 25.7×28.5×13	25.7±0.8	13±0.8	28.5±0.8

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# RHH.R4H.R6H.R8H

## SHAPES

Fig1

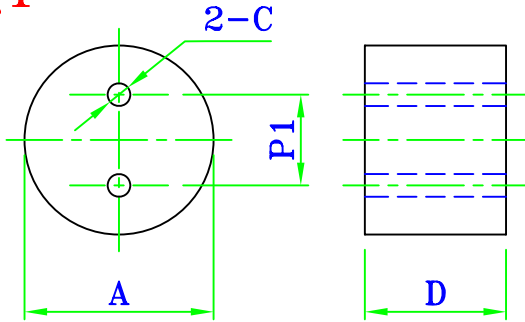


Fig2

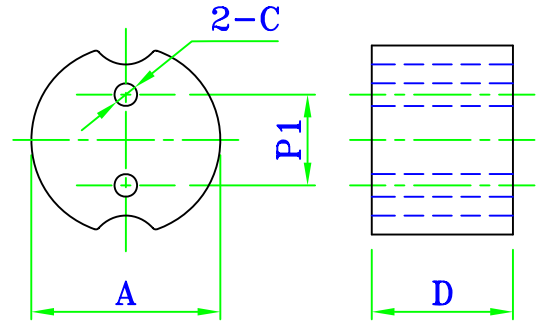


Fig3

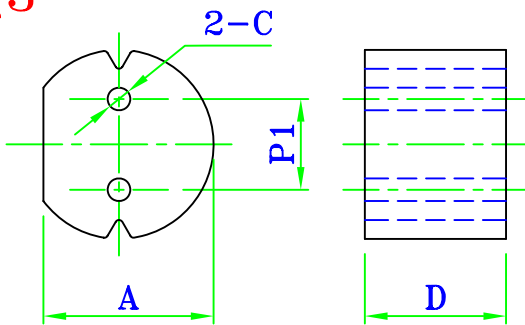


Fig4

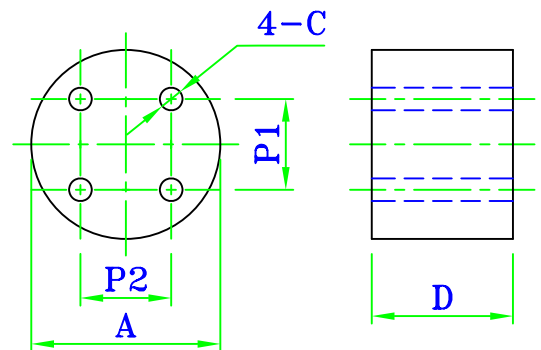


Fig5

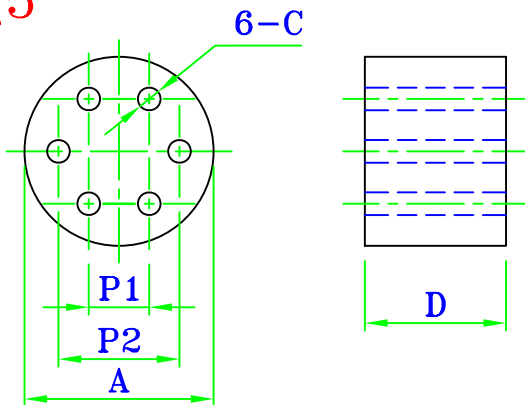
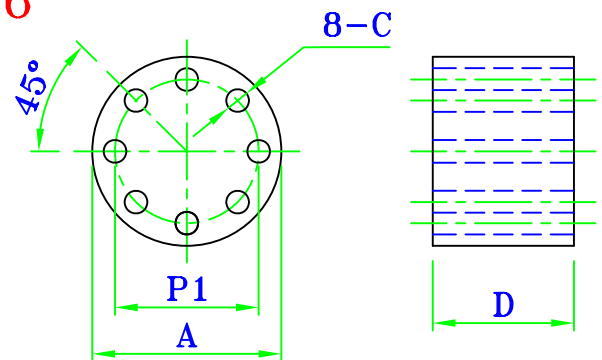


Fig6



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	P1	P2	Fig
RHH 6×12×1.0	6±0.3	1.0±0.15	12±0.5	2.9±0.15		1
RHH 7×5.5×1.5 <sup>R</sup>	7±0.4	1.5±0.15	5.5±0.3	3.0±0.15		2
RHH 7×6×1.5	7±0.4	1.5±0.15	6±0.3	2.7±0.15		1
RHH 7.2×2.74×1.5 <sup>TR</sup>	7.2±0.4	1.5±0.15	2.74±0.3	2.7±0.15		3
R4H 6.7×7×1.3	6.7±0.4	1.3±0.15	7±0.3	3.6±0.15	3.6±0.15	4
R6H 6×10×0.9	6±0.3	0.9±0.15	10±0.5	2.35±0.15	3.25±0.15	5
R8H 5.1×9.65×0.75	5.1±0.3	0.75±0.15	9.65±0.5	3.1±0.15		6

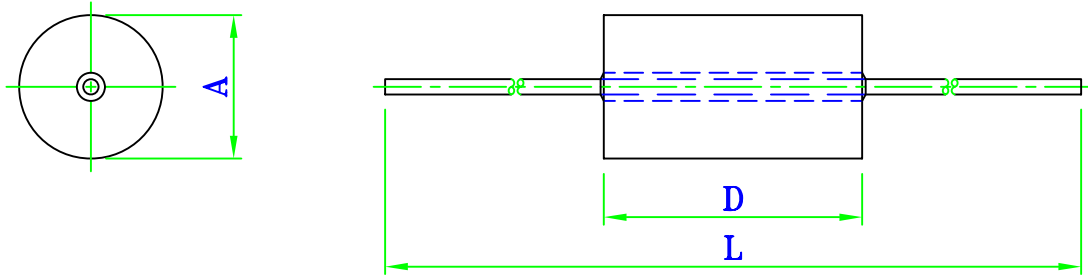
\* "D" DIMENSION ADJUSTABLE IN REASONABLE EXTENT



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# RHW

## SHAPES



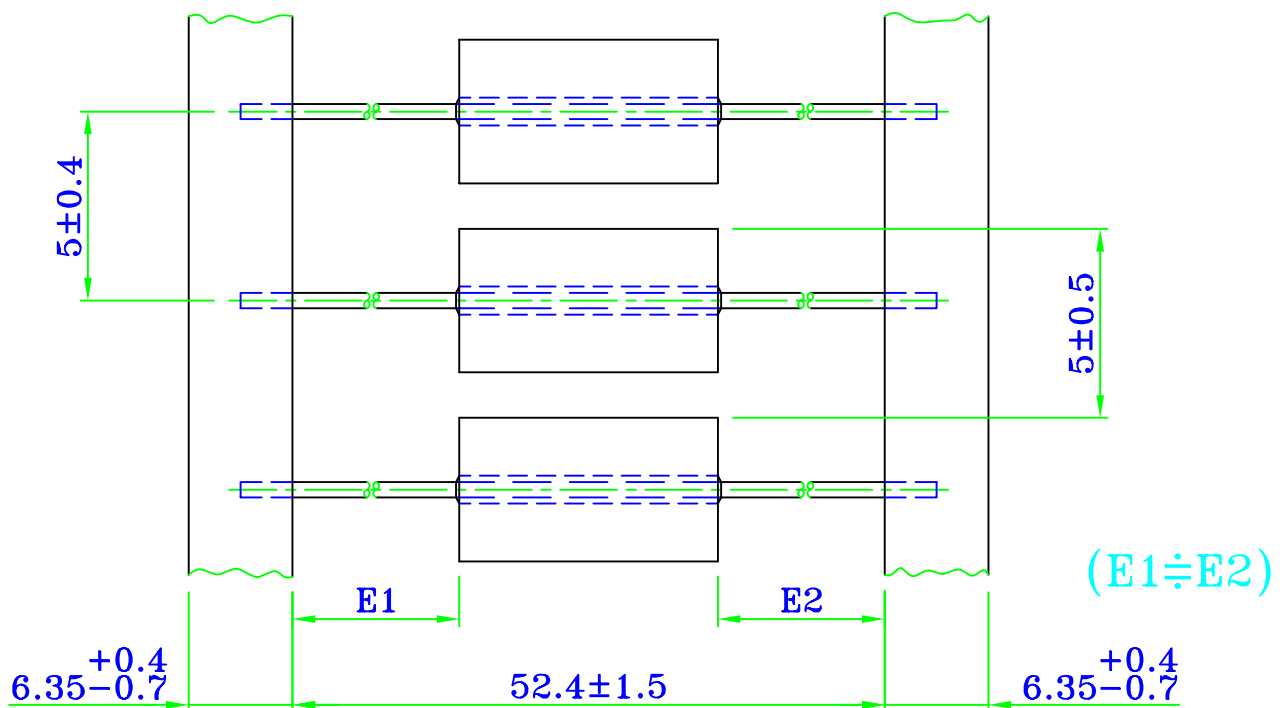
### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	D	L	WIRE OD	ITEM	A	D	L	WIRE OD
RHW 2.3×4.3	2.3±0.1	4.3±0.2	40	φ0.6	RHW 3.5×6.5	3.5±0.15	6.5±0.3	40	φ0.6
RHW 3×4	3±0.15	4±0.2			RHW 3.5×6.7	3.5±0.15	6.7±0.3		
RHW 3×12	3±0.15	12±0.4			RHW 3.5×8.3	3.5±0.15	8.3±0.3		
RHW 3.5×3.2	3.5±0.15	3.2±0.2			RHW 3.5×8.9	3.5±0.15	8.9±0.3		
RHW 3.5×3.8	3.5±0.15	3.8±0.2			RHW 3.5×13.84	3.5±0.15	13.84±0.4		
RHW 3.5×4.5	3.5±0.15	4.5±0.2			RHW 4×10	4±0.2	10±0.3		
RHW 3.5×5	3.5±0.15	5±0.2			RHW 9.78×16.5	9.78±0.2	16.5±0.4		
RHW 3.5×6	3.5±0.15	6±0.3							
			80	φ0.8				80	φ0.8

\* "D" DIMENSION ADJUSTABLE IN REASONABLE EXTENT

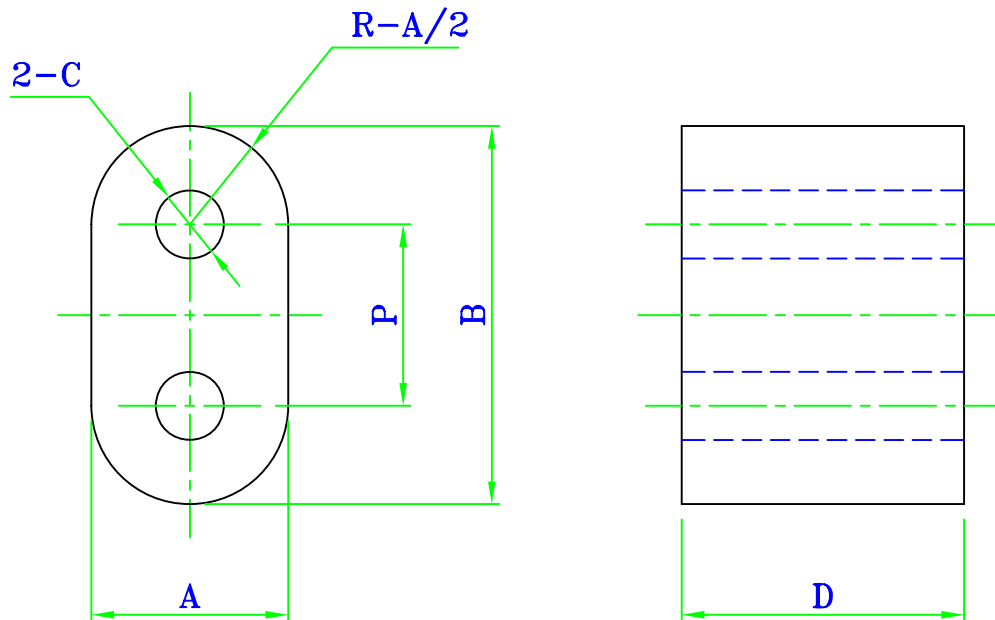
## RHW TAPPING

### SHAPES (unit:mm)



# RID

## SHAPES



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	P
RID 2×1.5×3.5 <sup>H0.9</sup>	2±0.2	3.5±0.2	0.9±0.1	1.5±0.2	1.8
RID 2.6×3×4.7 <sup>H0.95</sup>	2.6±0.2	4.7±0.3	0.95±0.1	3±0.2	2.7
RID 3×2×5 <sup>H1.2</sup>	3±0.2	5.1±0.3	1.2±0.1	2±0.2	2.6
RID 4×6×6.9 <sup>H1.9</sup>	4±0.2	6.9±0.3	1.9±0.2	6±0.3	2.9
RID 6×6×9 <sup>H2.0</sup>	6±0.3	9±0.4	2±0.2	6±0.3	3.0
RID 6.5×4×12 <sup>H4.0</sup>	6.5±0.3	12±0.5	4±0.25	4±0.3	5.0
RID 7.5×14.35×13.3 <sup>H4.2</sup>	7.5±0.3	13.3±0.6	4.2±0.25	14.35±0.6	5.8
RID 8×7×14.5 <sup>H4.8</sup>	8±0.3	14.5±0.6	4.8±0.25	7±0.4	6.7

\* "D" DIMENSION ADJUSTABLE IN REASONABLE EXTENT



# DH

## SHAPES

Fig1

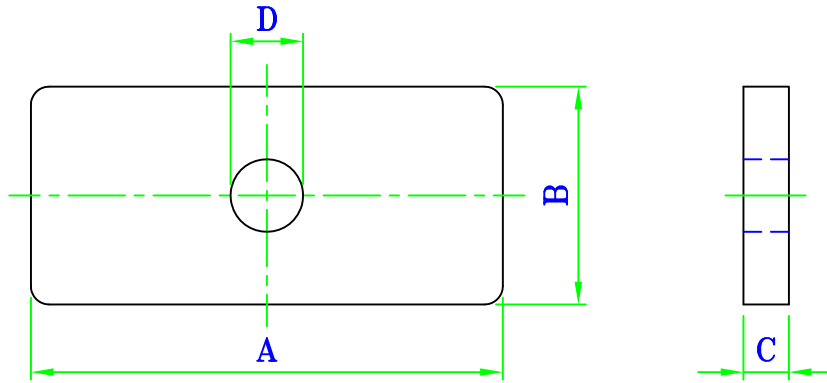
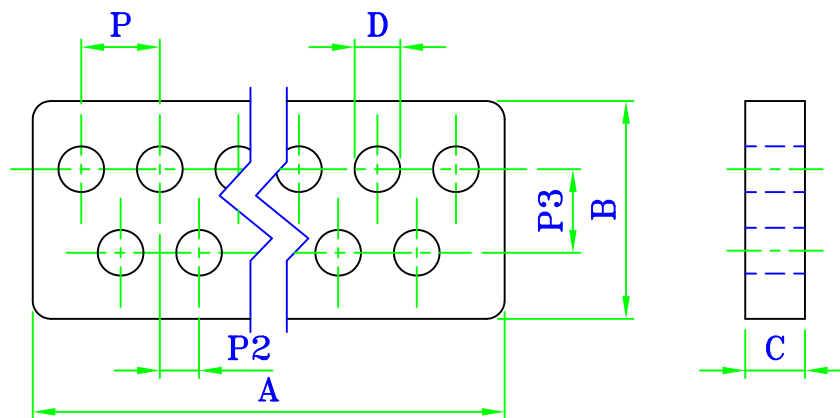


Fig2



MATERIAL: Mn-Zn:

DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	P1	P2	P3	Fig
DH 26×12×2.5 <sup>H4.0</sup>	26±0.4	12±0.3	2.5±0.2	4±0.2				1
D9H 14.4×7.62×3.43 <sup>H1.6</sup>	14.4±0.15	7.62±0.13	3.43±0.13	1.6±0.1	2.75	1.35	2.85	2



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# TH

## SHAPES

Fig1 STD Type

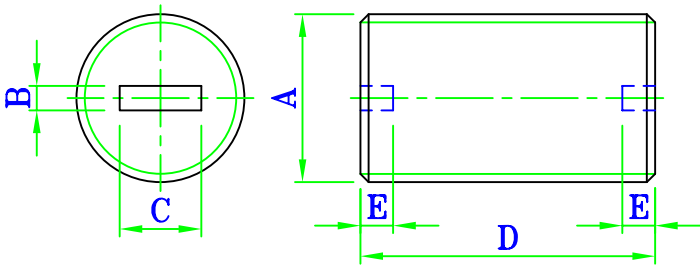


Fig2 S14 Type

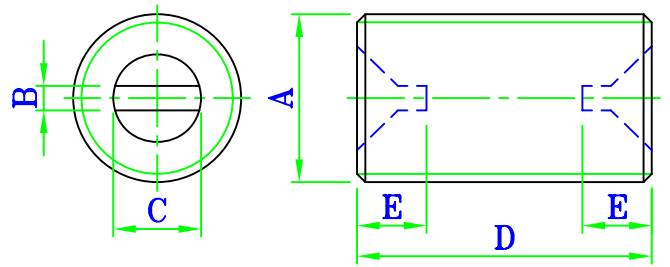


Fig3 S1 Type

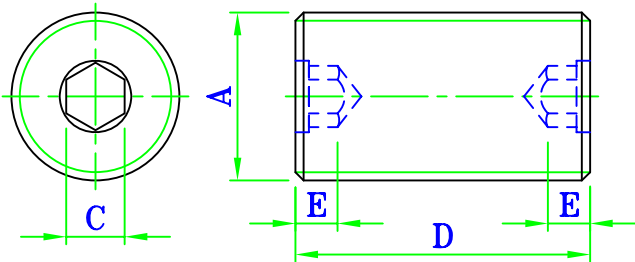


Fig4 S4 Type

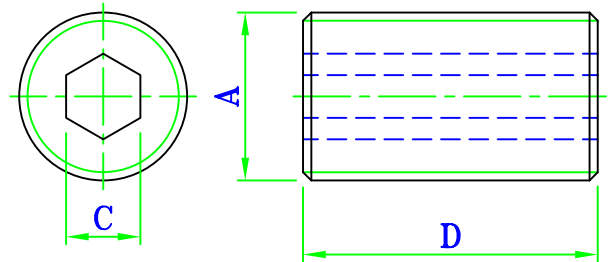
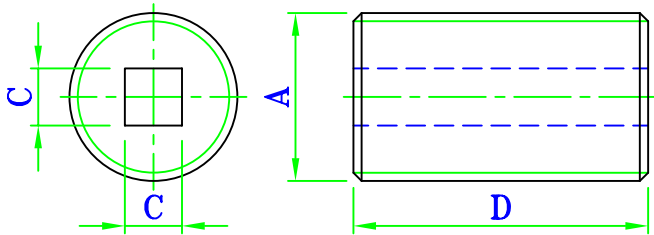
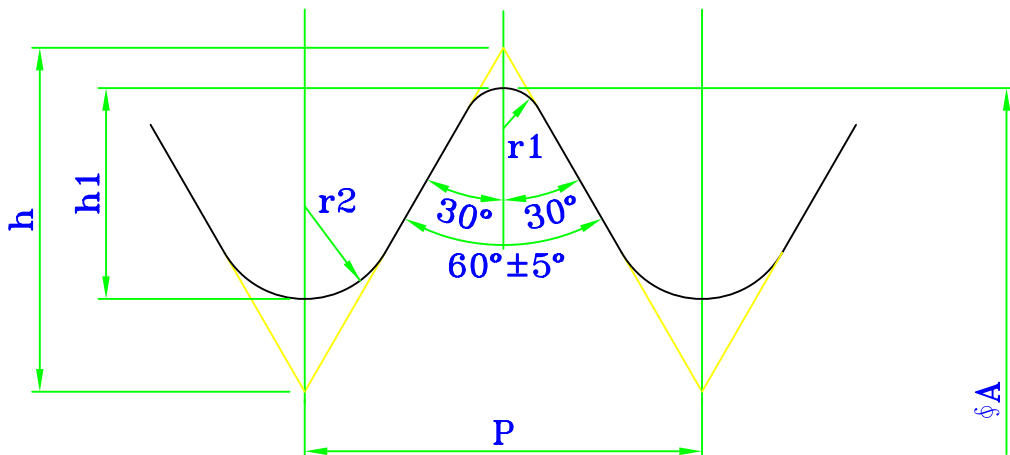


Fig5 S8 Type



## THREAD SHAPES AND DIMENSIONS OF TH TYPE CORE

OC3



## DIMENSIONS OF MAIN PRODUCTIONS

P	h	h1	r1	r2
0.50±0.03	0.433	0.23 <sup>+0.10</sup> <sub>-0.05</sub>	0.06±0.03	0.15
0.60±0.03	0.520	0.28 <sup>+0.10</sup> <sub>-0.03</sub>	0.07±0.03	0.17
0.75±0.03	0.650	0.35 <sup>+0.14</sup> <sub>-0.03</sub>	0.08±0.03	0.22
1.00±0.03	0.866	0.47 <sup>+0.12</sup> <sub>-0.03</sub>	0.11±0.03	0.29



# TH

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	Fig
TH 2.3×3	2.3±0.03	0.3±0.1	1.3±0.15	3±0.2	1.0±0.2	1
TH 2.6×4.4	2.6±0.03	0.65±0.1	1.4±0.15	4.4±0.2	1.0±0.2	1
TH 3×6	3±0.03	0.7±0.1	1.3±0.15	6±0.3	1.2±0.2	1
TH 3.18×5	3.18±0.03	0.7±0.1	1.3±0.15	5±0.3	1.2±0.2	1
TH 3.2×3.9	3.2±0.03	0.7±0.1	1.3±0.15	3.9±0.2	1.2±0.2	1
TH 3.2×5.5	3.2±0.03	0.7±0.1	1.3±0.15	5.5±0.3	1.2±0.2	1
TH 3.27×9.53	3.27±0.03	0.7±0.1	1.3±0.15	9.53±0.3	1.2±0.2	1
TH 3.2×6	3.2±0.03	0.7±0.1	1.3±0.15	6±0.3	1.2±0.2	1
TH 3.66×8	3.66±0.03	0.8±0.1	1.5±0.15	8±0.3	1.2±0.2	1
TH 3.7×10	3.7±0.03	0.8±0.1	1.5±0.15	10±0.3	1.2±0.2	1
TH 4×6	4±0.03	0.8±0.1	1.5±0.15	6±0.3	1.2±0.2	1
TH 5.7×20	5.7±0.03	1.2±0.1	2.4±0.15	20±0.6	1.25±0.2	1
TH 5.75×9	5.75±0.03	1.2±0.1	2.4±0.15	9±0.3	1.25±0.2	1
TH 5.85×8	5.85±0.03	1.2±0.1	2.4±0.15	8±0.3	1.25±0.2	1
TH 6×8	6±0.03	1.2±0.1	2.4±0.15	8±0.3	1.25±0.2	1
TH 6.22×30	6.22±0.03	1.2±0.1	2.4±0.15	30±1.0	1.5±0.2	1
TH 7.46×25	7.46±0.03	1.4±0.1	2.6±0.15	25±0.8	1.5±0.2	1
TH 8×25	8±0.03	0.9±0.1	3.1±0.15	25±0.8	1.5±0.2	1
TH 8.9×20	8.9±0.03	1.5±0.1	4.75±0.15	20±0.6	2.2±0.2	1
TH 10×20	10±0.03	1.55±0.1	6.05±0.15	20±0.6	2.2±0.2	1
TH 6×20 <sup>S1</sup>	6±0.03		2.7±0.1	20±0.6	4.2±0.2	3
TH 7.5×36 <sup>S1</sup>	7.5±0.03		2.7±0.1	36±1.0	8.3±0.2	3
TH 7.62×28 <sup>S1</sup>	7.62±0.03		2.7±0.1	28±0.8	8.3±0.2	3
TH 4.5×15 <sup>S4</sup>	4.5±0.03		2±0.07	15±0.4		4
TH 4.57×12.7 <sup>S4</sup>	4.57±0.03		2±0.07	12.7±0.4		4
TH 4.6×6 <sup>S4</sup>	4.6±0.03		2±0.07	6±0.3		4



# TH

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	Fig
TH 4.6×9.53 S4	4.6±0.03		2±0.07	9.53±0.3		4
TH 6×20 S4	6±0.03		2.7±0.1	20±0.6		4
TH 6.18×19 S4	6.18±0.03		2.7±0.1	19±0.6		4
TH 6.18×25 S4	6.18±0.03		2.7±0.1	25±0.8		4
TH 6.2×14.3 S4	6.2±0.03		2.7±0.1	14.3±0.4		4
TH 6.2×19 S4	6.2±0.03		2.7±0.1	19±0.6		4
TH 6.25×10 S4	6.25±0.03		2.7±0.1	10±0.3		4
TH 6.25×28 S4	6.25±0.03		2.7±0.1	28±0.8		4
TH 6.3×25.4 S4	6.3±0.03		2.7±0.1	25.4±0.8		4
TH 6.35×14.75 S4	6.35±0.03		2.7±0.1	14.75±0.4		4
TH 6.22×29 S4	6.22±0.03		2.7±0.1	29±0.8		4
TH 6.22×35 S4	6.22±0.03		2.7±0.1	35±1.0		4
TH 8×30.5 S4	8±0.03		2.7±0.1	30.5±1.0		4
TH 3.2×5 S8	3.2±0.03		1±0.07	5±0.3		5
TH 3.7×4 S8	3.7±0.03		1.5±0.1	4±0.3		5
TH 3.7×8 S8	3.7±0.03		1.5±0.1	8±0.3		5
TH 4×10 S8	4±0.03		1.5±0.1	10±0.3		5
TH 4.6×6 S8	4.6±0.03		1.5±0.1	6±0.3		5
TH 3.2×5 S14	3.2±0.03	0.9±0.1	1.6±0.15	5±0.3	1.0±0.2	2
TH 3.66×8 S14	3.66±0.03	0.85±0.1	1.6±0.15	8±0.3	1.2±0.2	2
TH 4.6×8 S14	4.6±0.03	1.0±0.1	2.6±0.15	8±0.3	1.7±0.2	2

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# THP

## SHAPES

Fig1 PS2 Type

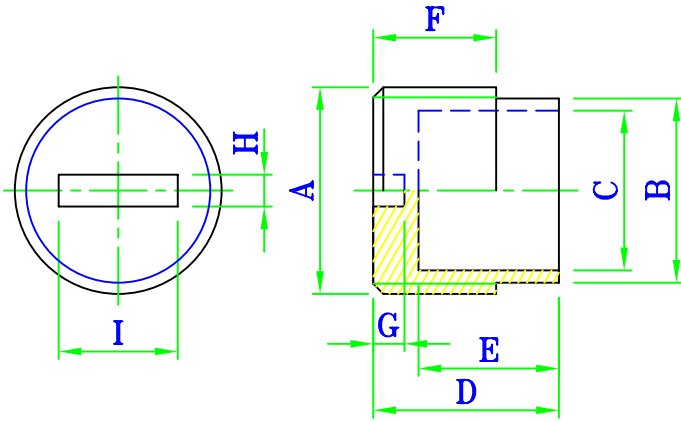


Fig2 PS4 Type

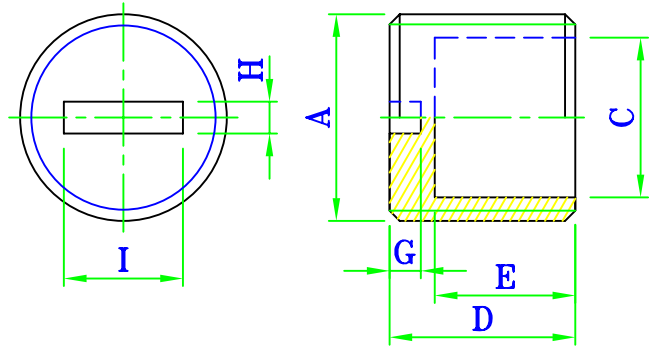
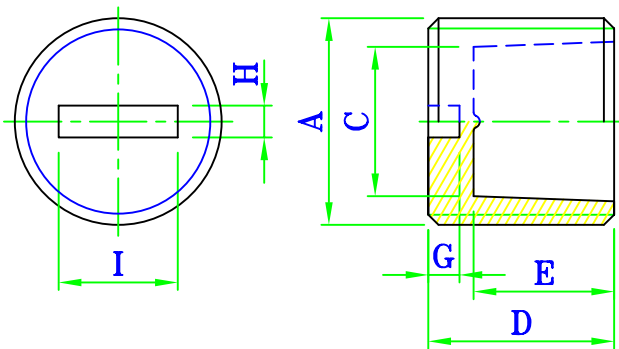
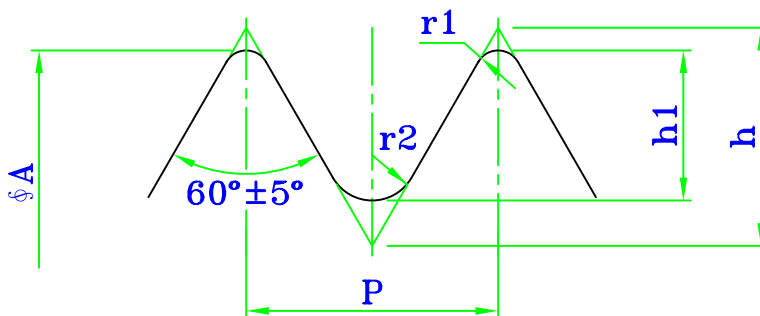


Fig3 PS5 Type



## THREAD SHAPES AND DIMENSIONS OF THP TYPE CORE

OC3

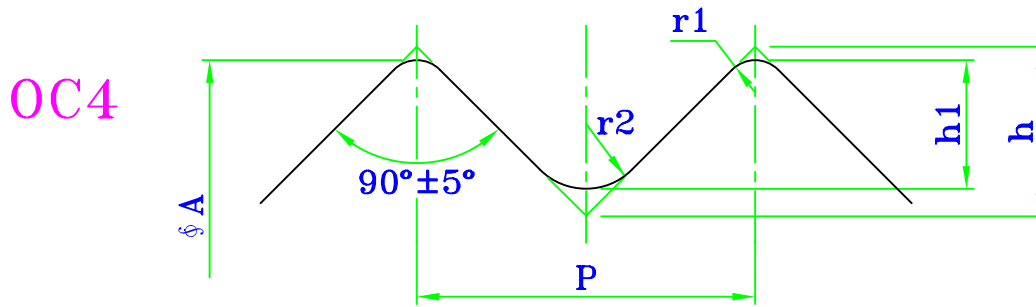


## DIMENSIONS OF MAIN PRODUCTIONS

	P	h	h1	r1	r2
OC3	0.50±0.03	0.433	0.23 <sup>+0.10</sup> <sub>-0.05</sub>	0.06±0.03	0.15+0
	0.60±0.03	0.520	0.28 <sup>+0.10</sup> <sub>-0.03</sub>	0.07±0.03	0.17+0
	0.75±0.03	0.650	0.35 <sup>+0.14</sup> <sub>-0.03</sub>	0.08±0.03	0.22+0



# THP



## DIMENSIONS OF MAIN PRODUCTIONS

OC4	P	h	h1	r1	r2
	$0.50 \pm 0.03$	0.250	$0.17^{+0.06}_{-0.03}$	$0.06 \pm 0.03$	$0.15 + 0$
	$0.80 \pm 0.03$	0.400	$0.28^{+0.10}_{-0.03}$	$0.07 \pm 0.03$	$0.22 + 0$

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	I	Fig
THP PS5 4.8×3	$4.8 \pm 0.03$		$3.7^{+0.1}_{-0.2}$	$3 \pm 0.15$	$2 \pm 0.1$		$0.5 \pm 0.1$	$0.6 \pm 0.15$	$2.8 \pm 0.15$	3
THP PS2 5.7×5.3	$5.7 \pm 0.03$	$5.4^{+0.05}_{-0.30}$	$4.2^{+0.20}_{-0.15}$	$5.3 \pm 0.2$	$4 \pm 0.15$	$3^{+0.5}_{-0}$	$0.8 \pm 0.15$	$0.6 \pm 0.15$	$3.6 \pm 0.15$	1
THP PS4 5.7×5.3	$5.7 \pm 0.03$		$4.2^{+0.20}_{-0.15}$	$5.3 \pm 0.2$	$4 \pm 0.15$		$0.8 \pm 0.15$	$0.6 \pm 0.15$	$3.6 \pm 0.15$	2
THP PS4 5.95×2.7	$5.95 \pm 0.03$		$4.6 \pm 0.15$	$2.7 \pm 0.15$	$1.7 \pm 0.1$		$0.5 \pm 0.1$	$0.6 \pm 0.15$	$3.6 \pm 0.15$	2
THP PS2 6.05×4.65	$6.05 \pm 0.03$	$5.5 \pm 0.2$	$4.5^{+0.1}_{-0.2}$	$4.65 \pm 0.2$	$3.2^{+0.25}_{-0}$	$3.2 \pm 0.2$	$0.6 \pm 0.15$	$0.6 \pm 0.15$	$3.6 \pm 0.15$	1
THP PS2 6.5×5.7	$6.5 \pm 0.03$	$6.1 \pm 0.15$	$5 \pm 0.15$	$5.7 \pm 0.2$	$4.2 \pm 0.2$	$3.8 \pm 0.2$	$0.7 \pm 0.15$	$0.7 \pm 0.15$	$4 \pm 0.15$	1
THP PS4 6.5×5.7	$6.4 \pm 0.03$		$5 \pm 0.15$	$5.7 \pm 0.2$	$4.2 \pm 0.2$		$0.7 \pm 0.15$	$0.7 \pm 0.15$	$4 \pm 0.15$	2
THP PS4 6.8×8.05	$6.8 \pm 0.03$		$5.3 \pm 0.15$	$8.05 \pm 0.2$	$6.5 \pm 0.2$		$1 \pm 0.2$	$0.8 \pm 0.2$	$4.8 \pm 0.2$	2
THP PS2 7.5×6.5	$7.4 \pm 0.03$	$6.8^{+0.1}_{-0.3}$	$5.35^{+0.25}_{-0.15}$	$6.5 \pm 0.2$	$4.5 \pm 0.2$	$4.3 \pm 0.2$	$1 \pm 0.2$	$0.8 \pm 0.2$	$4.8 \pm 0.2$	1
THP PS4 7.5×6.5	$7.4 \pm 0.03$		$5.35^{+0.25}_{-0.15}$	$6.5 \pm 0.2$	$4.5 \pm 0.2$		$1 \pm 0.2$	$0.8 \pm 0.2$	$4.8 \pm 0.2$	2
THP PS4 8.5×8.5	$8.5 \pm 0.03$		$6.5^{+0.25}_{-0.15}$	$8.5 \pm 0.2$	$6.5 \pm 0.2$		$1 \pm 0.2$	$0.8 \pm 0.2$	$4.8 \pm 0.2$	2
THP PS2 P8.7×8.8	$8.7 \pm 0.03$	$8^{+0.1}_{-0.3}$	$6.8^{+0.15}_{-0.3}$	$8.8 \pm 0.2$	$6.9 \pm 0.2$	$7.3 \pm 0.2$	$1 \pm 0.2$	$1 \pm 0.2$	$5 \pm 0.2$	1



# P-(2)

## SHAPES

Fig1 STD Type

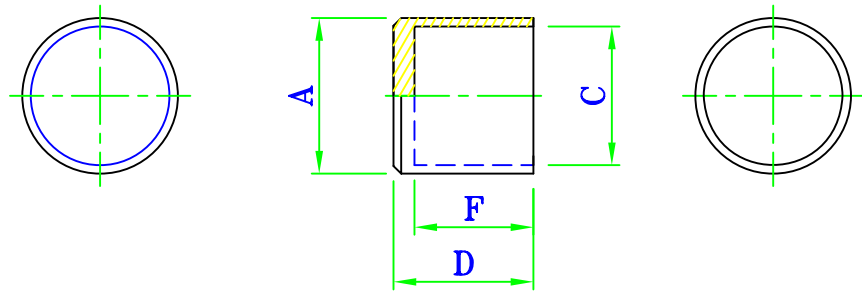


Fig2 P2 Type

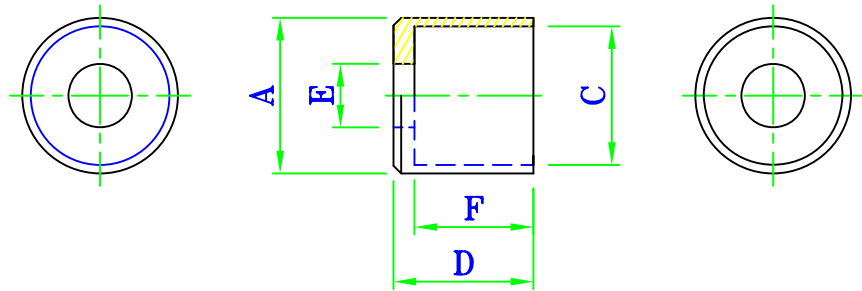
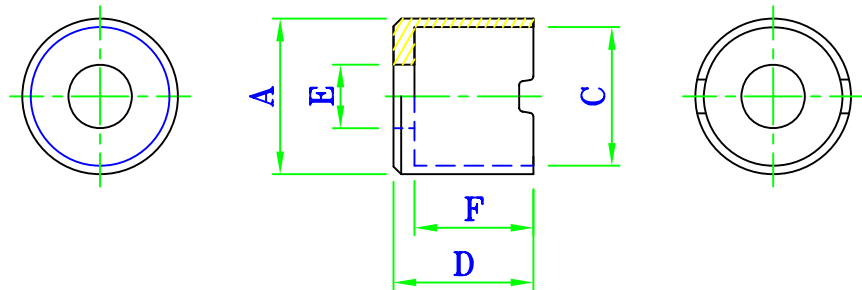


Fig3 TP2 Type



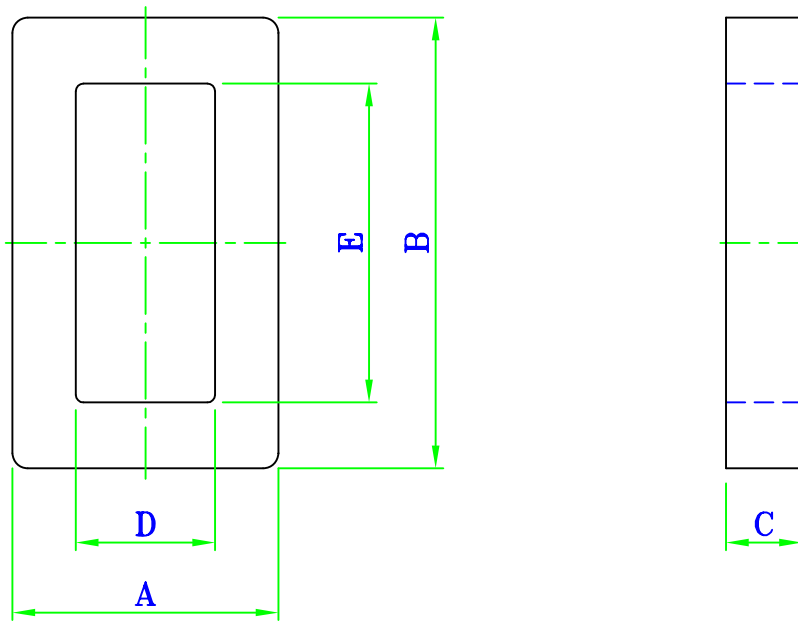
MATERIAL: Ni-Zn  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	E	F	Fig
P 6.2×12	$6.2^{+0.15}_{-0.2}$	$4.6 \pm 0.15$	$12 \pm 0.4$		$10.5^{+0}_{-0.4}$	1
P 6.9×6	$6.9^{+0.15}_{-0.2}$	$5.5 \pm 0.15$	$6 \pm 0.2$		$4.7^{+0.1}_{-0.15}$	1
P 9×11.5	$9^{+0.15}_{-0.2}$	$7.3 \pm 0.15$	$11.5 \pm 0.4$		$10.5^{+0}_{-0.4}$	1
P 10×14	$10 \pm 0.3$	$8.3 \pm 0.15$	$14 \pm 0.4$		$12.3 \pm 0.2$	1
P 5.2×3 P2	$5.2^{+0.05}_{-0.2}$	$4.1^{+0.2}_{-0.05}$	$3 \pm 0.15$	$3.2 \pm 0.15$	$2.3 \pm 0.15$	2
P 6.9×6 P2	$6.9^{+0.15}_{-0.2}$	$5.5 \pm 0.15$	$6 \pm 0.2$	$4.1 \pm 0.15$	$4.7^{+0.1}_{-0.15}$	2
P 9.85×4.25 P2	$9.85^{+0}_{-0.2}$	$8.3 \pm 0.15$	$4.25 \pm 0.2$	$4.7 \pm 0.15$	$4.7 \pm 0.15$	2
P 9.85×6.6 P2	$9.85^{+0}_{-0.2}$	$8.1^{+0.25}_{-0.05}$	$6.60 \pm 0.2$	$4.5^{+0.25}_{-0.15}$	$5.2 \pm 0.15$	2
P 12.4×12 P2	$12.4^{+0.1}_{-0.4}$	$10^{+0.2}_{-0.1}$	$12 \pm 0.4$	$5^{+0.2}_{-0}$	$10.5^{+0}_{-0.4}$	2
P 17.6×20 P2	$17.6 \pm 0.4$	$15 \pm 0.3$	$20 \pm 0.6$	$8^{+0.4}_{-0}$	$18^{+0}_{-0.4}$	2
P 6.9×5.2 <sup>T</sup> P2	$6.9^{+0.15}_{-0.2}$	$5.5 \pm 0.15$	$5.2 \pm 0.2$	$3.5 \pm 0.15$	$4.05^{+0.1}_{-0.15}$	3
P 7.65×5.6 <sup>T</sup> P2	$7.65^{+0.15}_{-0.2}$	$6.15 \pm 0.15$	$5.6 \pm 0.2$	$4.15 \pm 0.15$	$4.85^{+0.1}_{-0.15}$	3
P 9.85×6.35 <sup>T</sup> P2	$9.85^{+0}_{-0.2}$	$8.3 \pm 0.15$	$6.35 \pm 0.2$	$4.7 \pm 0.15$	$4.95^{+0.1}_{-0.15}$	3



# RT

## SHAPES



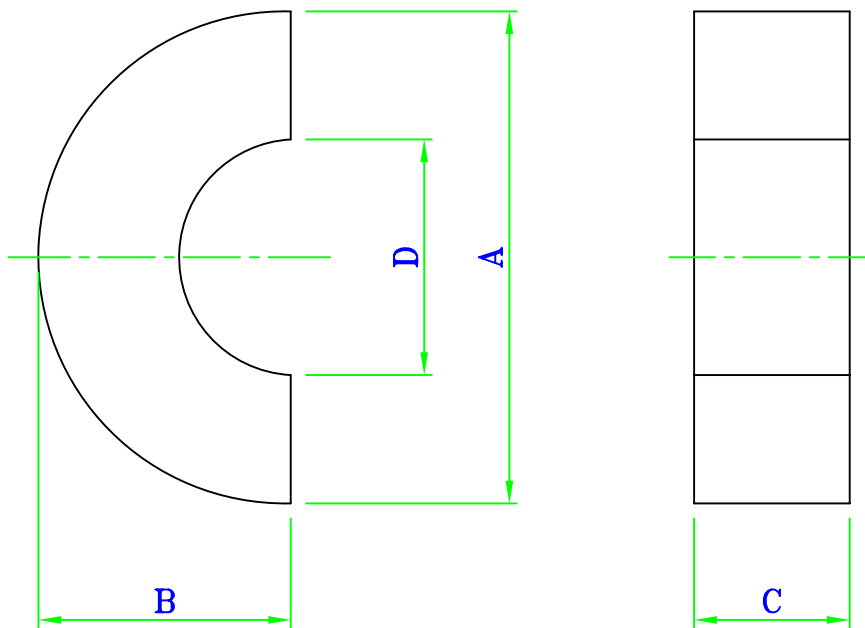
### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E
RT 10.5×17.8×3	10.5±0.3	17.8±0.4	3±0.2	5.5±0.3	12.6±0.3
RT 10.5×17.8×5.3	10.5±0.3	17.8±0.4	5.3±0.3	5.5±0.3	12.6±0.3
RT 15.2×23×3	15.2±0.4	23±0.5	3±0.2	5.2±0.25	12±0.25
RT 15.2×23×6.45	15.2±0.4	23±0.5	6.45±0.25	5.2±0.25	12±0.25
RT 26.9×25×6.2	26.9±0.8	25±0.8	6.2±0.3	14.5±0.3	12.3±0.3



C

## SHAPES



### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

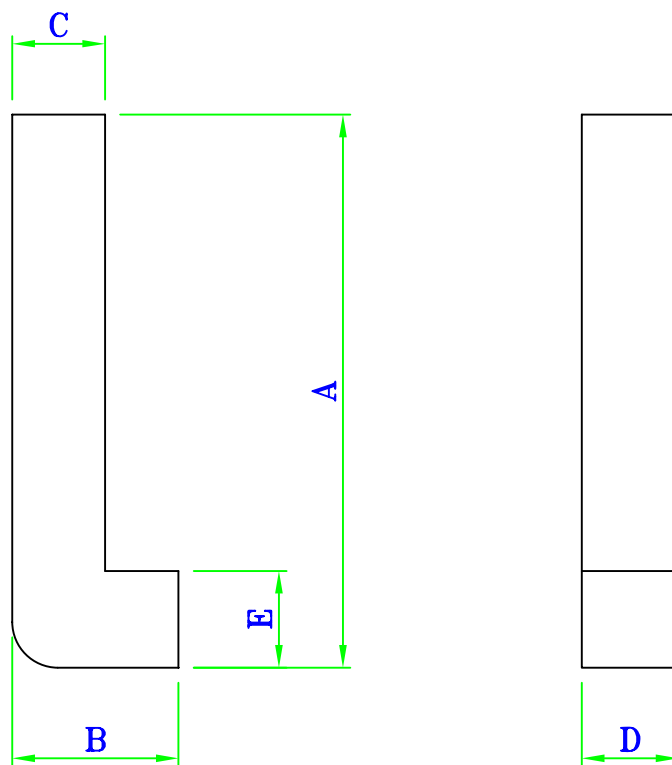
ITEM	A	B	C	D
C 38×19×12	38±1.0	19.5±0.4	12±0.4	18.2±0.8





# L

## SHAPES



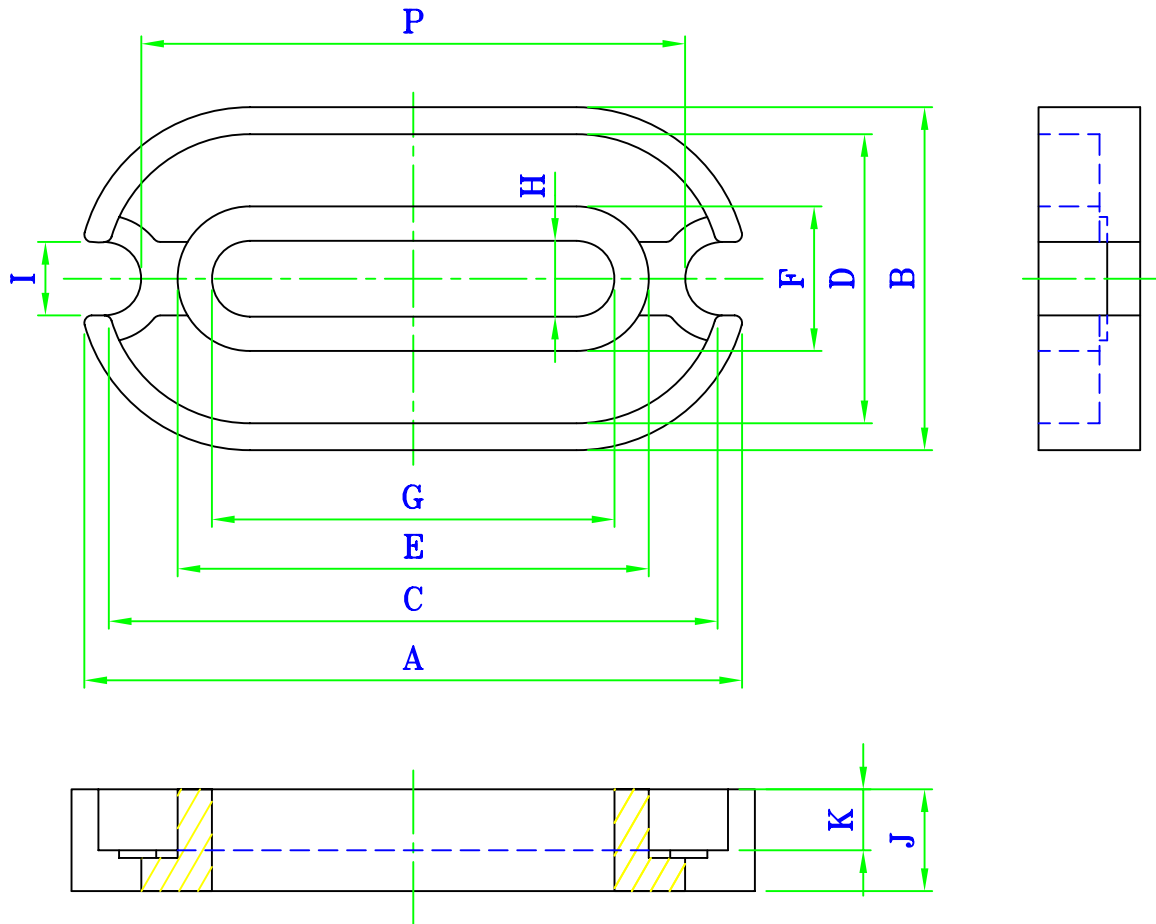
### DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E
L 36.6×11×6.4	36.6±0.8	11±0.3	6.4±0.3	6.4±0.3	6.4±0.3



# OP

## SHAPES



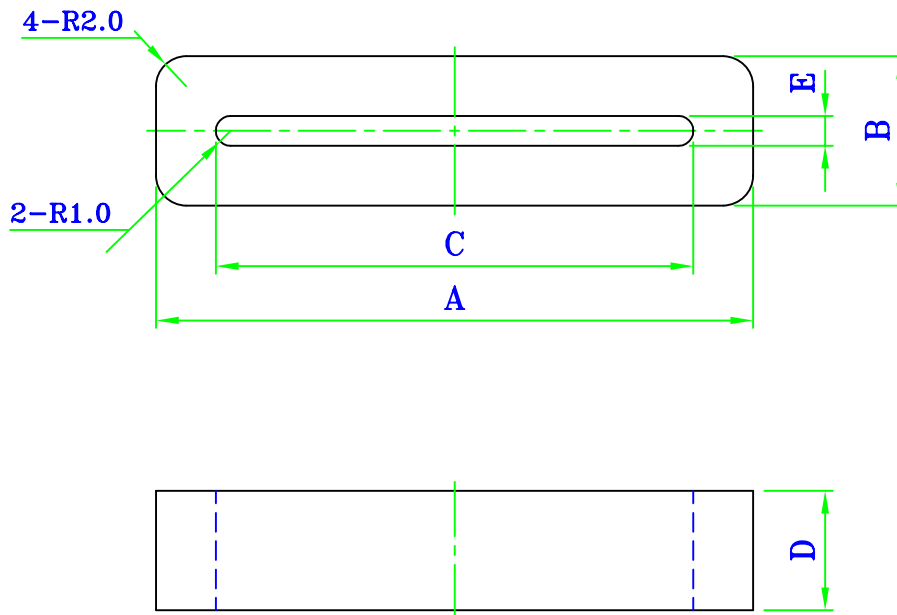
MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	I	J	K	P
OP 38	38±1	22.4±0.6	36±0.9	18.4±0.6	23.6±0.6	8±0.3	19.6±0.6	4±0.3	4±0.3	6±0.3	3.5±0.3	30



# OSH

## SHAPES



**MATERIAL:** Mn-Zn:

**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

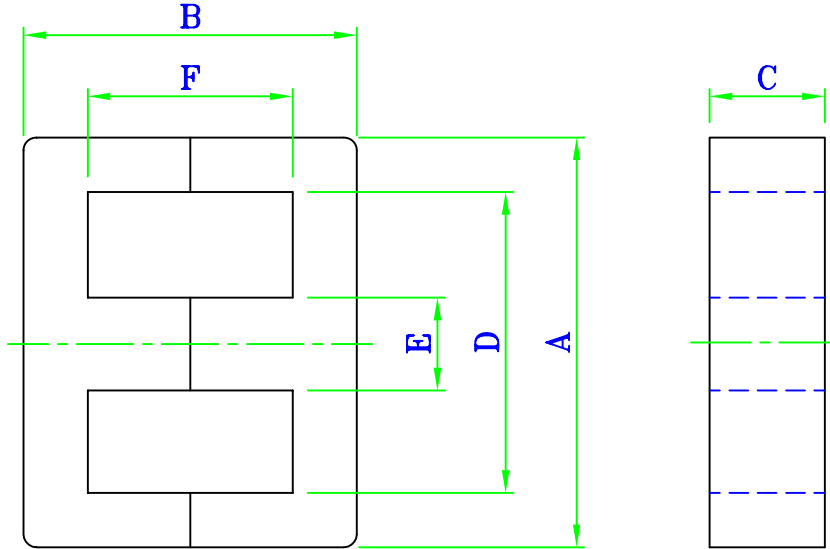
ITEM	A	B	C	D	E
OSH 32×2×8	40±1.0	10±0.5	32±1.0	8±0.4	2±0.5
OSH 32×2×12.5	40±1.0	10±0.5	32±1.0	12.5±0.5	2±0.5

\* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT.



# EE

## SHAPES



**MATERIAL:** Mn-Zn:  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

ITEM	A	B	C	D	E	F
EE 5	5.25±0.1	5.3±0.16	1.95±0.1	3.85±0.1	1.35±0.08	4±0.16
EE 8.3	8.3±0.2	8±0.2	3.5±0.2	6 <sup>+0.3</sup> <sub>-0</sub>	2 <sup>+0</sup> <sub>-0.3</sub>	6±0.2
EE 10	10±0.3	11±0.3	4.9 <sup>+0</sup> <sub>-0.3</sub>	7.7 <sup>+0.3</sup> <sub>-0</sub>	2.4±0.2	8.3±0.3
EE 10×3	10±0.3	10.2±0.3	3 <sup>+0</sup> <sub>-0.3</sub>	7.1±0.3	3±0.2	7±0.3
EE 12.5	12.5±0.3	11.3±0.3	5±0.2	9.2 <sup>+0.25</sup> <sub>-0.15</sub>	2.5 <sup>+0.1</sup> <sub>-0.2</sub>	6.3±0.2
EEL 12.5	12.5±0.3	18±0.6	2.5 <sup>+0</sup> <sub>-0.4</sub>	9.5±0.3	2.5±0.2	14±0.6
EE 12.6	12.6±0.3	8±0.2	6±0.3	10.1±0.3	3.18±0.15	5.8±0.2
EE 13	13±0.3	12±0.4	6.3 <sup>+0</sup> <sub>-0.3</sub>	10.5±0.3	2.95 <sup>+0</sup> <sub>-0.4</sub>	9.3±0.3
EE 13A	13±0.3	12.6±0.4	6.3 <sup>+0</sup> <sub>-0.4</sub>	10.5±0.3	2.95 <sup>+0</sup> <sub>-0.4</sub>	9.6±0.3
EE 16	16.25±0.35	14.5±0.4	5.1 <sup>+0</sup> <sub>-0.4</sub>	12.4±0.3	4.2 <sup>+0</sup> <sub>-0.4</sub>	10.3 <sup>+0.4</sup> <sub>-0</sub>
EEL 16	16.25±0.35	24.9±0.4	5.1 <sup>+0</sup> <sub>-0.4</sub>	12.4±0.3	4±0.2	20.5±0.4
EES 16	16±0.3	14.3±0.4	7 <sup>+0</sup> <sub>-0.4</sub>	13±0.3	3.2 <sup>+0</sup> <sub>-0.4</sub>	10.8 <sup>+0.4</sup> <sub>-0</sub>
EE 19	19.2 <sup>+0.5</sup> <sub>-0.3</sub>	16±0.4	5.1 <sup>+0</sup> <sub>-0.5</sub>	14.5±0.3	5.1 <sup>+0</sup> <sub>-0.5</sub>	11.3±0.3
EEL 19	19.2 <sup>+0.5</sup> <sub>-0.3</sub>	27.2 <sup>+0.5</sup> <sub>-0.4</sub>	5.1 <sup>+0</sup> <sub>-0.5</sub>	14.5±0.3	5.1 <sup>+0</sup> <sub>-0.5</sub>	22.6±0.4
EE 20	20.3±0.4	16.8±0.4	4.8±0.2	15.7±0.4	4.8±0.2	12.4±0.4





**MATERIAL: Mn-Zn:**  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

ITEM	A	B	C	D	E	F
EEL 20	20.3±0.4	29.2±0.5	4.8±0.2	15.7±0.4	4.8±0.2	24.8±0.4
EE 22	22±0.4	19.2±0.6	6 <sup>+0</sup> <sub>-0.5</sub>	16.5±0.3	6 <sup>+0</sup> <sub>-0.5</sub>	11±0.4
EEL 22	22±0.4	30.4±0.5	6 <sup>+0</sup> <sub>-0.5</sub>	16.5±0.3	6 <sup>+0</sup> <sub>-0.5</sub>	22±0.4
EE 25	25±0.4	20±0.4	6.5±0.3	18.8±0.3	6.5±0.3	13.6±0.3
EE 25.4×6.35	25.4±0.5	19.2±0.4	6.35±0.3	19.5±0.5	6.25±0.25	13.1±0.4
EE 25.4×9.53	25.4±0.5	19.2±0.4	9.53±0.3	19.5±0.5	6.25±0.25	13.1±0.4
EE 25.4×12.7	25.4±0.5	19.2±0.4	12.7±0.4	19.5±0.5	6.25±0.25	13.1±0.4
EE 25.4×12.83	25.4±0.5	19.2±0.4	12.83±0.4	19±0.5	6.25±0.25	12.7±0.4
EEL 25.4	25.4±0.5	32.6±0.5	6.35±0.3	19.5±0.5	6.25±0.25	26.4±0.5
EEL 26.4	26.4±0.5	32.4±0.6	6.3±0.3	20.4±0.5	4±0.3	26±0.4
EE 28	28±0.5	21.5±0.5	11 <sup>+0</sup> <sub>-0.5</sub>	19.1±0.3	7.2±0.3	12.5±0.3
EE 30×7	30±0.5	26.5 <sup>+0.8</sup> <sub>-0.2</sub>	7 <sup>+0</sup> <sub>-0.6</sub>	20 <sup>+0.5</sup> <sub>-0.3</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	16 <sup>+0.5</sup> <sub>-0</sub>
EE 30×11	30±0.5	26.5 <sup>+0.8</sup> <sub>-0.2</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	20 <sup>+0.5</sup> <sub>-0.3</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	16 <sup>+0.5</sup> <sub>-0</sub>
EEL 30×11	30±0.5	42.6±0.5	11 <sup>+0</sup> <sub>-0.7</sub>	20 <sup>+0.7</sup> <sub>-0</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	32.6±0.5
EE 30×30×7	30 <sup>+0.8</sup> <sub>-0.6</sub>	30.4 <sup>+0</sup> <sub>-0.8</sub>	7.3 <sup>+0</sup> <sub>-0.5</sub>	19.5 <sup>+0.8</sup> <sub>-0</sub>	7.2 <sup>+0</sup> <sub>-0.7</sub>	19.4 <sup>+1.2</sup> <sub>-0</sub>
EE 35×10	35±0.5	29.7±0.5	10 <sup>+0</sup> <sub>-0.5</sub>	25.5±0.5	10.3 <sup>+0</sup> <sub>-0.5</sub>	18.2±0.3
EE 35	35±0.5	29.7±0.5	12 <sup>+0</sup> <sub>-0.5</sub>	25.5±0.5	10.3 <sup>+0</sup> <sub>-0.5</sub>	18.2±0.3
EEL 35	35±0.5	48.4±0.6	12 <sup>+0</sup> <sub>-0.5</sub>	25.5±0.5	10.3 <sup>+0</sup> <sub>-0.5</sub>	36.4±0.6
EE 40	40±0.6	34.7±0.6	12 <sup>+0</sup> <sub>-0.7</sub>	28±0.5	11.7±0.3	20.6±0.3
EE 42×15	42 <sup>+1.3</sup> <sub>-0.7</sub>	42.4 <sup>+0.4</sup> <sub>-0.8</sub>	15.2±0.5	29.5 <sup>+1.7</sup> <sub>-0</sub>	12.2 <sup>+0</sup> <sub>-0.5</sub>	29.6 <sup>+1.4</sup> <sub>-0</sub>
EE 42×20	42 <sup>+1.3</sup> <sub>-0.7</sub>	42.4 <sup>+0.4</sup> <sub>-0.8</sub>	20 <sup>+0</sup> <sub>-1.0</sub>	29.5 <sup>+1.7</sup> <sub>-0</sub>	12.2 <sup>+0</sup> <sub>-0.5</sub>	29.6 <sup>+1.4</sup> <sub>-0</sub>



# EE

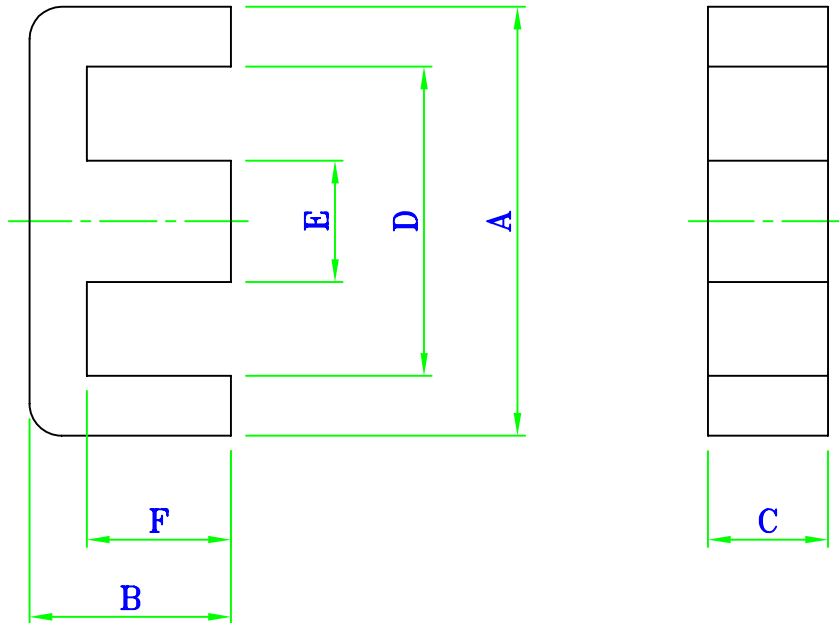
MATERIAL: Mn-Zn:

ITEM	ALnH±25%								
	JP30	JP40	J2M	J2	J3	J4	J5	J6	J7
EE 5		min 200	min 200						
EE 8.3				650	750				
EE 10	900	850		1000					
EE 10×3		750		970					
EE 12.6				1300					
EE 13		1100	1100	1250	1400	1600			
EE 16		1150	1150	1300	1500	1700			
EEL 16	1000	800		1200					
EES 16		1250	1200	1400	1600	1800			
EE 19		1300	1300	1500	1750	2000			
EEL 19		900		1100	1300	1550			
EE 20				1500					
EE 22		2000		2100	2500				
EEL 22				1500					
EE 25				2200					
EE 25.4×6.35		2000	2000	2300	2500	3000	3500		
EE 25.4×9.53		2600							
EEL 25.4				1600					
EEL 26.4				1700					
EE 28		4300		4800	5500				
EE 30×11		4400		4900					
EE 30×30×7		2100	2100	2500	3000				
EE 35×10				4100					
EE 35×12				4800	5500	6300			
EE 40				5000	6100				
EE 42×15			4000	5000					
EE 42×20			4700	7000					



# EF

## SHAPES



**MATERIAL:** Mn-Zn:  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

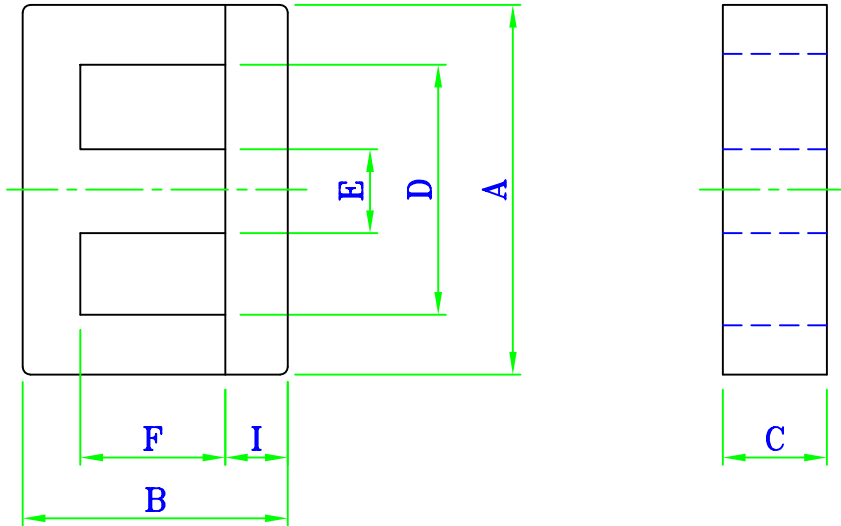
ITEM	A	B	C	D	E	F
EF 12.6	12.6 $\pm$ 0.4	6.5 $-$ 0.2	3.7 $^{+0.1}_{-0.3}$	9.2 $\pm$ 0.3	3.7 $^{+0}_{-0.3}$	4.5 $^{+0.3}_{-0}$
EF 16	16 $^{+0.7}_{-0.5}$	8.2 $^{+0}_{-0.3}$	4.7 $^{+0}_{-0.4}$	11.3 $^{+0.6}_{-0}$	4.7 $^{+0}_{-0.3}$	5.7 $^{+0.4}_{-0}$
EF 20	20.4 $^{+0}_{-0.8}$	10.1 $^{+0}_{-0.4}$	5.9 $^{+0}_{-0.5}$	14.1 $^{+0.6}_{-0}$	5.9 $^{+0}_{-0.4}$	7 $^{+0.4}_{-0}$
EF 25	25 $^{+0.8}_{-0.7}$	12.8 $^{+0}_{-0.5}$	7.5 $^{+0}_{-0.6}$	17.5 $^{+0.8}_{-0}$	7.5 $^{+0}_{-0.5}$	8.7 $^{+0.5}_{-0}$

ITEM	ALnH $\pm$ 25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
EF 12.6	900	800						
EF 16	1100	1100	1250	1450	1650			
EF 20	1500	1350	1800	2150	2500			
EF 25	2000	1900	2300					



# EI

## SHAPES



**MATERIAL:** Mn-Zn:  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

ITEM	A	B	C	D	E	F	I
EI 8.3	8.3±0.3	8±0.2	3.5±0.2	6 <sup>+0.3</sup> <sub>-0</sub>	2 <sup>+0</sup> <sub>-0.3</sub>	6±0.2	1.0±0.15
EI 10	10±0.3	11±0.3	4.9 <sup>+0</sup> <sub>-0.3</sub>	7.7 <sup>+0.3</sup> <sub>-0</sub>	2.4±0.2	8.3±0.3	1.3±0.15
EI 10×3	10±0.3	10.2±0.3	3 <sup>+0</sup> <sub>-0.3</sub>	7.1±0.3	3±0.2	7±0.3	1.6±0.15
EI 12.5	12.5±0.3	9.1±0.35	5±0.2	9.2 <sup>+0.25</sup> <sub>-0.15</sub>	2.5 <sup>+0.1</sup> <sub>-0.2</sub>	5±0.15	1.6±0.15
EI 12.5A	12.5±0.3	10±0.35	5±0.2	9.2 <sup>+0.25</sup> <sub>-0.15</sub>	2.5 <sup>+0.1</sup> <sub>-0.2</sub>	5±0.15	2.5±0.15
EI 12.6	12.6±0.3	8±0.2	6±0.3	10.1±0.3	3.18±0.15	5.8±0.2	1.1±0.15
EI 13	13±0.3	12±0.4	6.3 <sup>+0</sup> <sub>-0.4</sub>	10.5±0.3	2.95 <sup>+0</sup> <sub>-0.4</sub>	9.2±0.3	1.5±0.15
EI 16	16.25±0.35	14.5±0.4	5.1 <sup>+0</sup> <sub>-0.4</sub>	12.4±0.3	4±0.2	10.3 <sup>+0.4</sup> <sub>-0</sub>	2.05±0.2
EI 19	19.2 <sup>+0.5</sup> <sub>-0.3</sub>	15.9±0.4	5.1 <sup>+0</sup> <sub>-0.5</sub>	14.5±0.3	5.1 <sup>+0</sup> <sub>-0.5</sub>	11.3±0.3	2.35±0.2
EI 20	20.3±0.4	16.8±0.4	4.8±0.2	15.7±0.4	4.8±0.2	12.4±0.4	2.2±0.2
EI 22	22±0.4	19.2±0.6	6 <sup>+0</sup> <sub>-0.5</sub>	16.5±0.3	6 <sup>+0</sup> <sub>-0.5</sub>	11±0.4	4±0.2
EI 22A	22±0.4	19.2±0.6	5.9±0.25	15.6±0.3	6 <sup>+0</sup> <sub>-0.5</sub>	11±0.4	4±0.2





# EI

MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

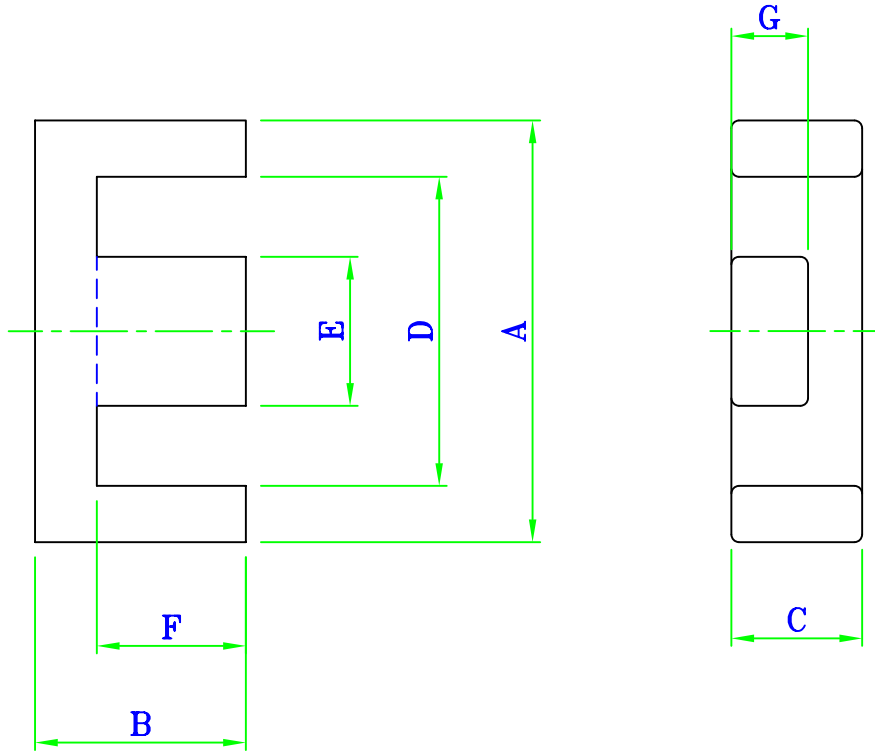
ITEM	A	B	C	D	E	F	I
EI 25	25±0.4	20±0.4	6.5±0.3	18.8±0.3	6.5±0.3	13.6±0.3	3.2±0.2
EI 25.4	25.4±0.5	19.5±0.4	6.35±0.3	19.5±0.5	6.25±0.25	13.2±0.3	3.2±0.2
EI 28	28±0.5	21.5±0.5	11 <sup>+0</sup> <sub>-0.5</sub>	19.1±0.3	7.2±0.3	12.5±0.3	4.5±0.3
EI 30A	30 <sup>+0.6</sup> <sub>-0.3</sub>	26.5 <sup>+0.8</sup> <sub>-0.2</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	20 <sup>+0.7</sup> <sub>-0</sub>	11 <sup>+0</sup> <sub>-0.7</sub>	16 <sup>+0.6</sup> <sub>-0</sub>	5.5±0.2
EI 33	33±0.5	28.6±0.5	13 <sup>+0</sup> <sub>-0.5</sub>	24±0.5	10 <sup>+0</sup> <sub>-0.5</sub>	19.2±0.3	5.2±0.2
EI 35	35±0.5	29.7±0.5	12 <sup>+0</sup> <sub>-0.5</sub>	25.5±0.5	10.3 <sup>+0</sup> <sub>-0.5</sub>	18.2±0.3	5.5±0.2
EI 40	40±0.6	34.7±0.6	12 <sup>+0</sup> <sub>-0.7</sub>	27.5±0.5	11.7±0.3	20.6±0.3	7.2±0.3

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
EI 10			1000					
EI 12.5	1200		1300	1500	1700			
EI 13			1250					
EI 16	1150	1150	1300	1500	1700			
EI 19	1300	1300	1500	1750	2000			
EI 22	2000		2100	2500				
EI 25			2100					
EI 25.4	2000	2000	2300	2500	3000			
EI 28	4000		4800	5500				
EI 30A			5000	5800				
EI 33			5000					
EI 35×10			4100					
EI 35×12			4800	5500				
EI 40			5000					



# EED

## SHAPES



**MATERIAL:** Mn-Zn:JP40

**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

ITEM	A	B	C	D	E	F	G
EED 24.74×27×9.29	24.47±0.65	13.5±0.15	9.29±0.2	18.3±0.6	11.0±0.2	9.325±0.25	5.2±0.15

ITEM	ALnH±25%						
	JP40	J2					
EED 24.74×27×9.29	2430	2000					



# EFD

## SHAPES

Fig1

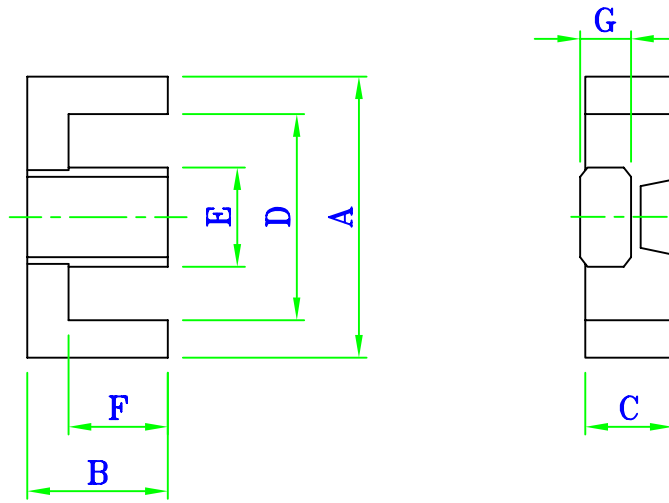
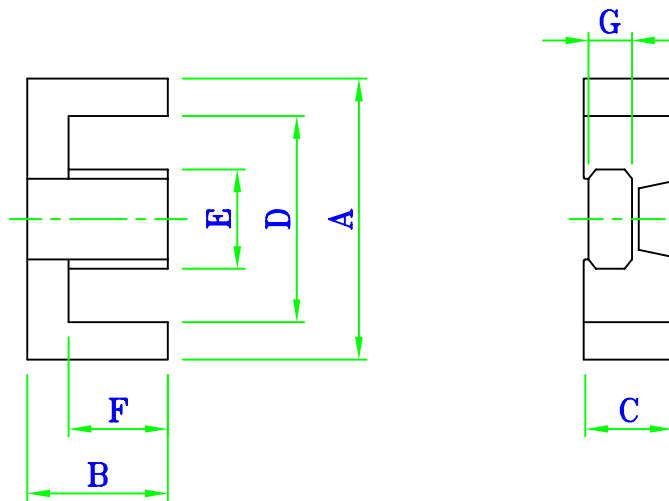


Fig2



MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

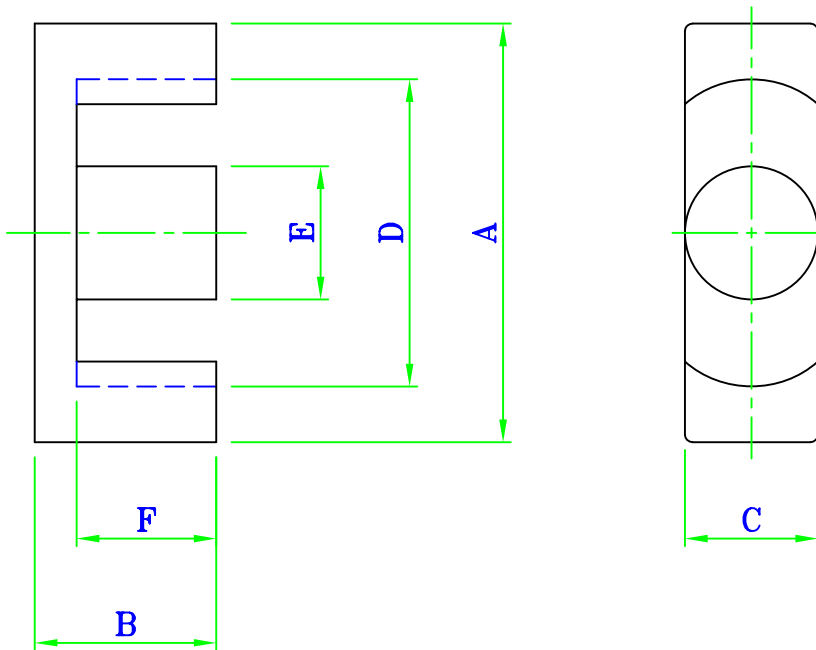
ITEM	A	B	C	D	E	F	G	Fig
EFD 15	15±0.4	7.5±0.15	4.65±0.15	11±0.35	5.3±0.15	5.5±0.25	2.4±0.1	1
EFD 20	20±0.55	10±0.15	6.65±0.15	15.4±0.5	8.9±0.2	7.7±0.25	3.6±0.15	2

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
EFD 15	850							
EFD 20	1500		2000					



# ETD

## SHAPES



MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

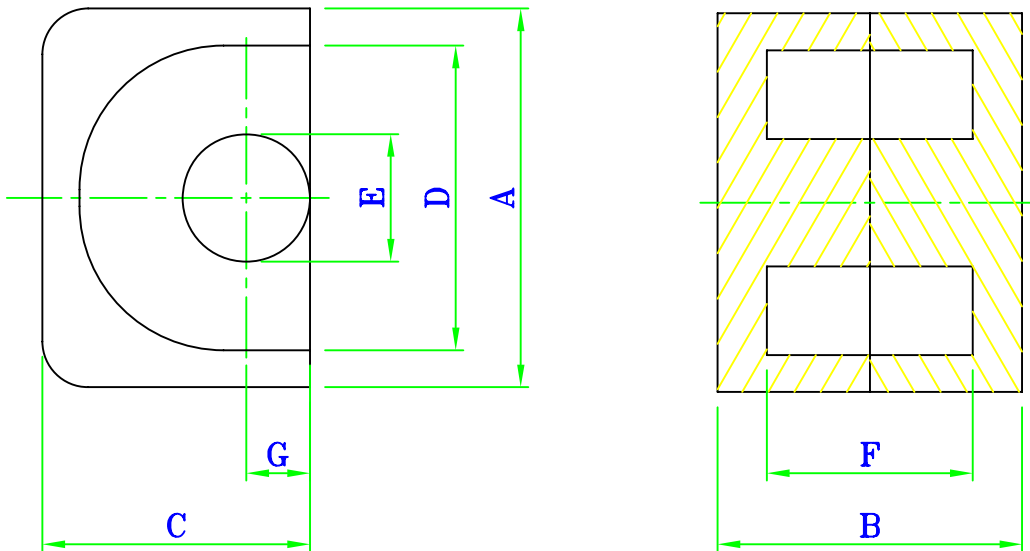
ITEM	A	B	C	D	E	F
ETD 28	$28.5^{+0.6}_{-0.5}$	$16.9 \pm 0.25$	$11.4 \pm 0.25$	21.2 MIN	$9.9 \pm 0.25$	$12.5^{+0.3}_{-0.25}$
ETD 34	$34^{+1.0}_{-0.6}$	$17.5^{+0}_{-0.4}$	$11.1^{+0}_{-0.6}$	$25.6^{+1.4}_{-0}$	$11.1^{+0}_{-0.6}$	11.8 MIN
ETD 39	$38.9^{+1.1}_{-0.7}$	$20^{+0}_{-0.4}$	$12.8^{+0}_{-0.6}$	$29.3^{+1.6}_{-0}$	$12.8^{+0}_{-0.6}$	14.2 MIN

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
ETD 28		2200	2700					
ETD 34			2600					
ETD 39			2800					



# EP

## SHAPES



MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

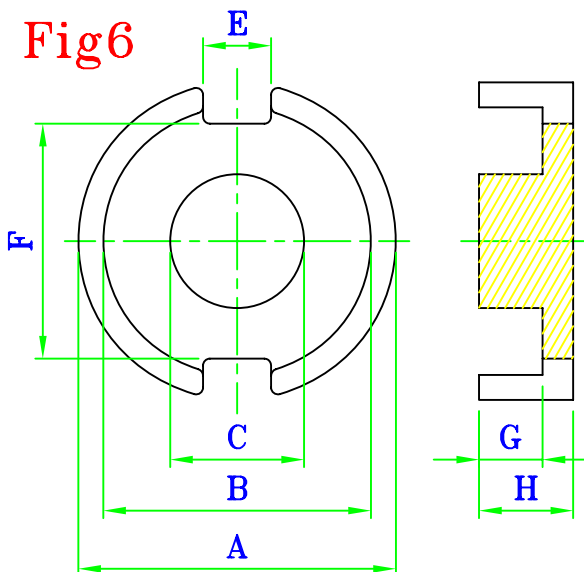
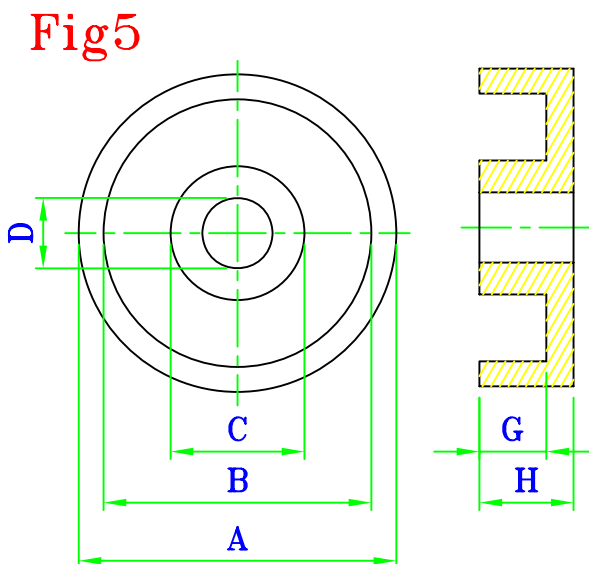
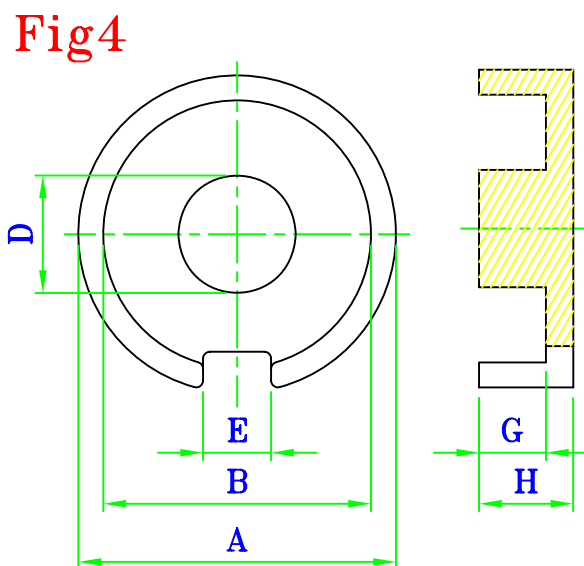
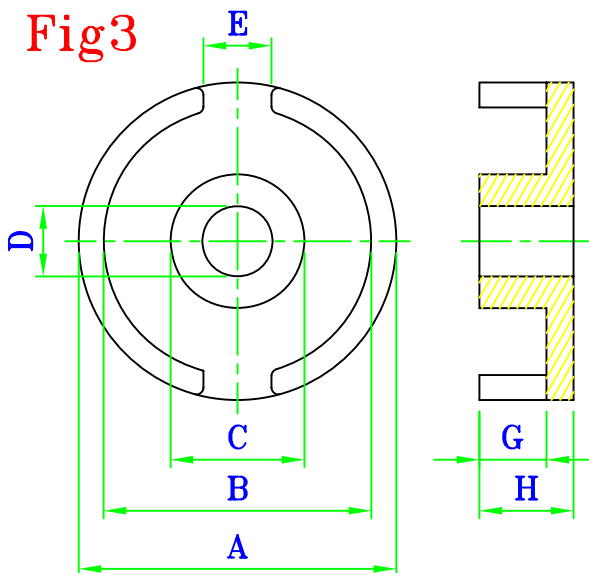
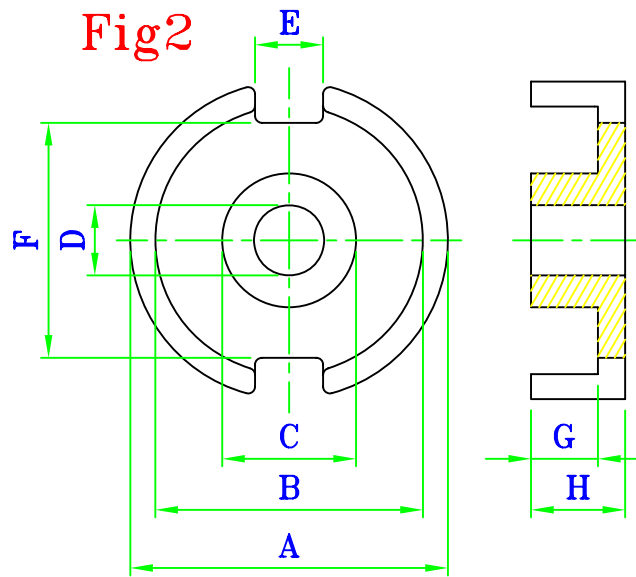
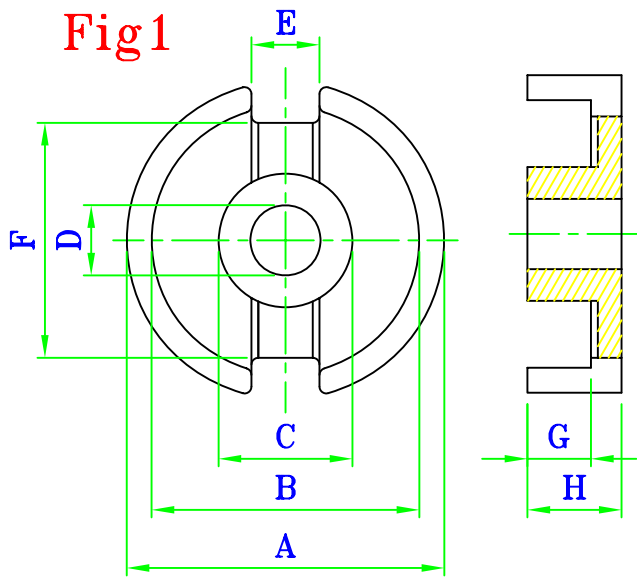
ITEM	A	B	C	D	E	F	G
EP 7	$9.2 \pm 0.2$	$7.4 \pm 0.1$	$6.5^{+0}_{-0.3}$	$7.4 \pm 0.2$	$3.4^{+0}_{-0.2}$	$5^{+0.4}_{-0}$	$1.8^{+0}_{-0.2}$
EP 10	$11.5 \pm 0.3$	$10.2 \pm 0.2$	$7.6 \pm 0.2$	$9.4 \pm 0.2$	$3.3 \pm 0.15$	$7.4 \pm 0.2$	$2.5^{+0}_{-0.25}$
EP 13	$12.5 \pm 0.3$	$13^{+0}_{-0.3}$	$9^{+0}_{-0.4}$	$10 \pm 0.3$	$4.5^{+0}_{-0.3}$	$9^{+0.4}_{-0}$	$2.5^{+0}_{-0.25}$

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
EP 7		min 830	min 950	min 1100				
EP 13	min 1170	min 1100	min 1500	min 1700				



# P-(1)

## SHAPES



# P-(1)

MATERIAL: Mn-Zn:  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	2G	2H	Fig
P 14×8 <sup>F1</sup>	14±0.3	11.6 <sup>+0.5</sup> <sub>-0</sub>	6 <sup>+0</sup> <sub>-0.3</sub>	3.1±0.15	3±0.2	8.3±0.25	5.6 <sup>+0.6</sup> <sub>-0</sub>	8.5 <sup>+0</sup> <sub>-0.4</sub>	1
P 18×11 <sup>F1</sup>	18±0.4	14.9 <sup>+0.6</sup> <sub>-0</sub>	7.6 <sup>+0</sup> <sub>-0.5</sub>	3 <sup>+0.2</sup> <sub>-0</sub>	3.0-0	11.5 <sup>+0</sup> <sub>-1.0</sub>	7.3 <sup>+0.6</sup> <sub>-0</sub>	10.7 <sup>+0</sup> <sub>-0.4</sub>	1
P 18×14 <sup>F1</sup>	18±0.4	14.9 <sup>+0.6</sup> <sub>-0</sub>	7.6 <sup>+0</sup> <sub>-0.5</sub>	3 <sup>+0.2</sup> <sub>-0</sub>	3.0-0	11.5 <sup>+0</sup> <sub>-1.0</sub>	10.1 <sup>+0.6</sup> <sub>-0</sub>	14 <sup>+0</sup> <sub>-0.4</sub>	1
P 22×13 <sup>F1</sup>	21.6±0.4	17.9 <sup>+0.7</sup> <sub>-0</sub>	9.4 <sup>+0</sup> <sub>-0.4</sub>	4.4 <sup>+0.3</sup> <sub>-0</sub>	3.0-0	14.5 <sup>+0</sup> <sub>-1.0</sub>	9.2 <sup>+0.6</sup> <sub>-0</sub>	13.6 <sup>+0</sup> <sub>-0.4</sub>	1
P 26×16 <sup>F1</sup>	25.5±0.5	21.6±0.4	11.3±0.2	5.6 <sup>+0.1</sup> <sub>-0.2</sub>	4.3±0.25	18±0.4	11.3±0.3	16.1±0.2	1
P 30×19 <sup>F1</sup>	30±0.5	25.4±0.4	13.3±0.2	5.56±0.1	3.9-0	22.2±0.4	13.2±0.3	18.8±0.2	1
P 11×6.5 <sup>F2</sup>	11.1±0.3	9.3±0.3	4.7 <sup>+0</sup> <sub>-0.2</sub>	2±0.15	2.2±0.2	7±0.25	4.7±0.2	6.5±0.2	2
P 9.4×9.6 <sup>F2</sup>	9.4 <sup>+0</sup> <sub>-0.4</sub>	7.5 <sup>+0.35</sup> <sub>-0</sub>	3.9 <sup>+0</sup> <sub>-0.2</sub>	2 <sup>+0.1</sup> <sub>-0</sub>	2±0.2	6.5±0.3	7.1 <sup>+0.6</sup> <sub>-0</sub>	9.6 <sup>+0</sup> <sub>-0.8</sub>	2
P 11×7 <sup>F3</sup>	11.1±0.3	9.2±0.3	4.7 <sup>+0</sup> <sub>-0.2</sub>	2±0.15	2±0.2		4.4±0.2	6.6±0.2	3
P 19×6 <sup>F3</sup>	19±0.4	14.8 <sup>+0.6</sup> <sub>-0</sub>	12 <sup>+0</sup> <sub>-0.5</sub>	7±0.15	2±0.1		3 <sup>+0.2</sup> <sub>-0</sub>	6±0.2	3
P 25×6 <sup>F3</sup>	25±0.5	21±0.4	17±0.4	12±0.2	2±0.1		3.6 <sup>+0.2</sup> <sub>-0.4</sub>	6±0.2	3
P 2.3×3 <sup>F4</sup>	2.35 <sup>MAX</sup>	1.6±0.1		0.85±0.1	0.6±0.1		2.4 <sup>+0.2</sup> <sub>-0</sub>	3±0.15	4
P 5.5×7.2 <sup>F4</sup>	5.5±0.1	4.2 <sup>+0.2</sup> <sub>-0</sub>		2.5 <sup>+0</sup> <sub>-0.3</sub>	1.4±0.2		5.6 <sup>+0.5</sup> <sub>-0</sub>	7.2 <sup>+0</sup> <sub>-0.5</sub>	4
P 6.9×6.76 <sup>F4</sup>	6.9±0.3	5.1±0.3		2.03±0.15	1.8±0.2		5.2±0.4	6.76±0.4	4
P 23×18 <sup>F5</sup>	22.8±0.5	18.3±0.35	9.7±0.25	5.1±0.1			13.8 <sup>+0.6</sup> <sub>-0</sub>	17.8±0.4	5
P 9.4×6 <sup>F6</sup>	9.4 <sup>+0</sup> <sub>-0.4</sub>	7.5 <sup>+0.35</sup> <sub>-0</sub>	3.9 <sup>+0</sup> <sub>-0.2</sub>		2±0.2	6.5±0.3	4 <sup>+0.2</sup> <sub>-0</sub>	6 <sup>+0</sup> <sub>-0.4</sub>	6

ITEM	ALnH±25%								
	JP40	JP30	J2M	J2	J3	J4	J5	J6	J7
P 14×8 <sup>F1</sup>	2250		2000	2500	3200				
P 18×11 <sup>F1</sup>	3000			3000	4300	5000	6000		
P 18×14 <sup>F1</sup>				3100					
P 22×13 <sup>F1</sup>	4000	5300		4700					
P 26×16 <sup>F1</sup>	5000	4800	5000	5600	6100	9000			
P 30×19 <sup>F1</sup>	6000		6000	7200	9200	9800			
P 11×7 <sup>F3</sup>			1700	1900					



# PC

## SHAPES

Fig1

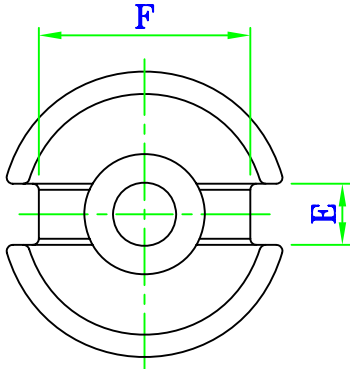


Fig2

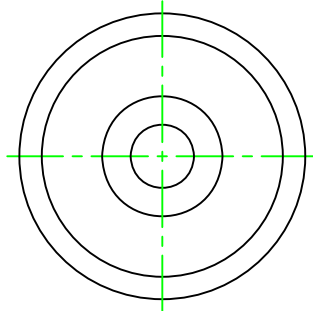
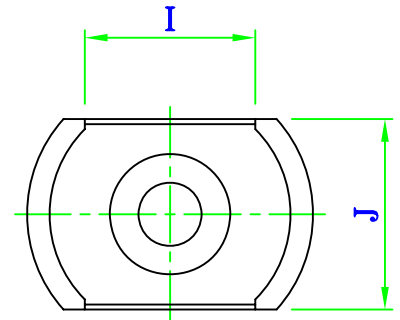
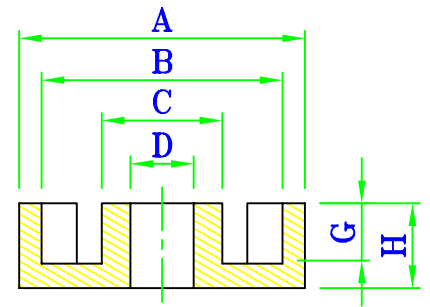
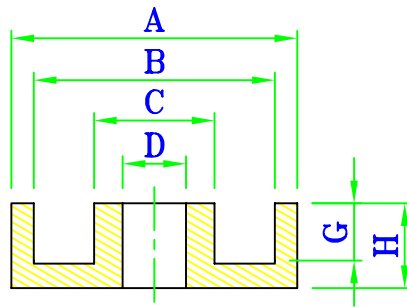
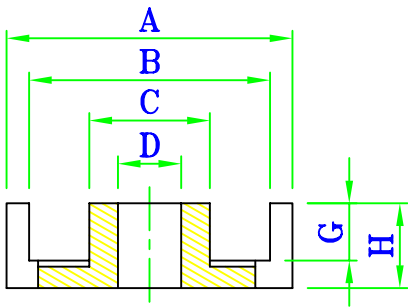


Fig3



P core

C core



MATERIAL: Mn-Zn:

DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	I	J	Fig
P 18×11	18±0.4	14.9 <sup>+0.6</sup> <sub>-0</sub>	7.6 <sup>+0</sup> <sub>-0.5</sub>	3 <sup>+0.2</sup> <sub>-0</sub>	3.0-0	11.5 <sup>+0</sup> <sub>-1.0</sub>	3.65 <sup>+0.3</sup> <sub>-0</sub>	5.35 <sup>+0</sup> <sub>-0.2</sub>			1
C 18×12×11	18±0.4	14.9 <sup>+0.6</sup> <sub>-0</sub>	7.6 <sup>+0</sup> <sub>-0.5</sub>	3 <sup>+0.2</sup> <sub>-0</sub>			3.65 <sup>+0.3</sup> <sub>-0</sub>	5.35 <sup>+0</sup> <sub>-0.2</sub>	10.49 <sup>min</sup>	11.91±0.23	3
P 23×11	22.8±0.5	18.3±0.35	9.7±0.25	5.1±0.1			3.75±0.1	5.5±0.1			2
C 23×15×11	22.8±0.5	18.3±0.35	9.7±0.25	5.1±0.1			3.75±0.1	5.5±0.1	13.2 <sup>min</sup>	15.2±0.3	3
P 23×15	22.8±0.5	18.3±0.35	9.7±0.25	5.1±0.1			6.9±0.3	8.9±0.2			2
C 23×15×18	22.8±0.5	18.3±0.35	9.7±0.25	5.1±0.1			6.9±0.3	8.9±0.2	13.2 <sup>min</sup>	15.2±0.3	3
P 30×19	30±0.5	25.4±0.4	13.3±0.2	5.56±0.1	3.9-0	22.2±0.4	6.58±0.1	9.35±.1			1
C 30×20×19	30±0.5	25.4±0.4	13.3±0.2	5.56±0.1			6.58±0.1	9.35±.1	15.5 <sup>min</sup>	20.3±0.3	3





# RM4

## SHAPES

Fig1

F1 Type

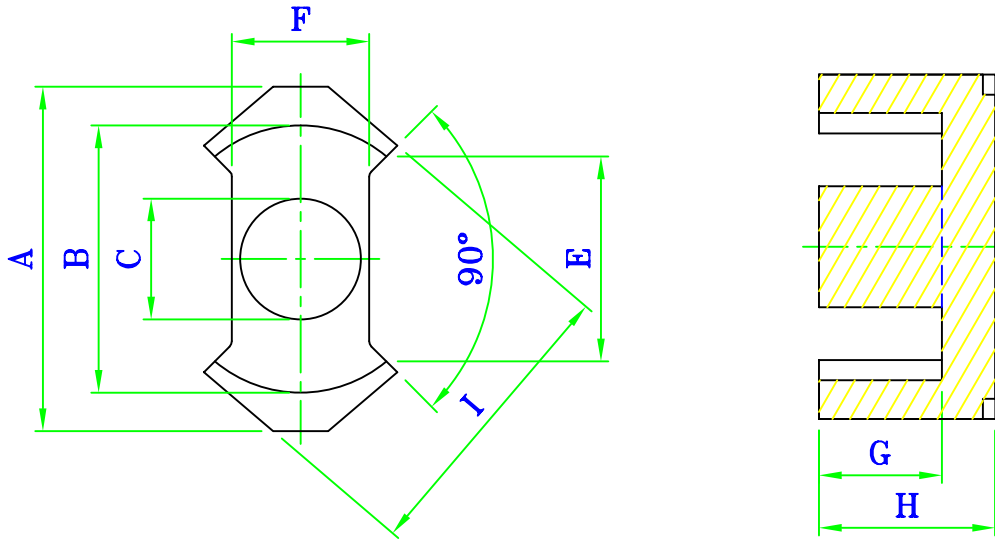
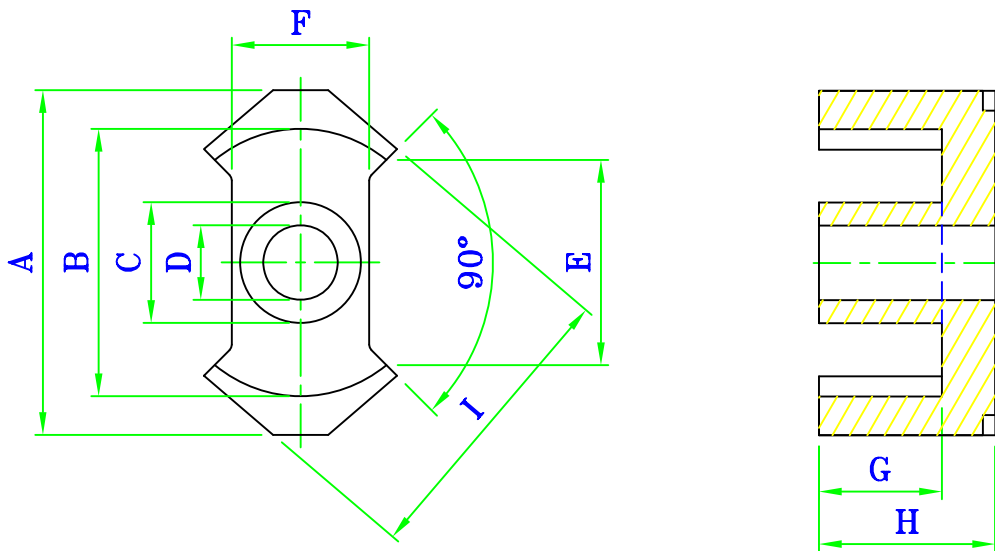


Fig2

F2 Type



MATERIAL: Mn-Zn:JP40,J2M,J2,J3,J4,J5  
 DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	I	Fig
RM 4 <sup>F1</sup>	$11^{+0}_{-0.4}$	$7.95^{+0.4}_{-0}$	$3.9^{+0}_{-0.2}$		5.8-0	$4.6^{+0}_{-0.2}$	$3.5^{+0.2}_{-0}$	$5.25^{+0}_{-0.1}$	$9.8^{+0}_{-0.4}$	1
RM 4 <sup>F2</sup>	$11^{+0}_{-0.4}$	$7.95^{+0.4}_{-0}$	$3.9^{+0}_{-0.2}$	$2.0^{+0.1}_{-0}$	5.8-0	$4.6^{+0}_{-0.2}$	$3.5^{+0.2}_{-0}$	$5.25^{+0}_{-0.1}$	$9.8^{+0}_{-0.4}$	2

ITEM	AlnH±25%								
	JP40	J2M	J2	J3	J4	J5	J6	J7	
RM 4 <sup>F1</sup>	1000	1450							
RM 4 <sup>F2</sup>	900	1000	1050			1400			



# RM5

## SHAPES

Fig1

F1 Type

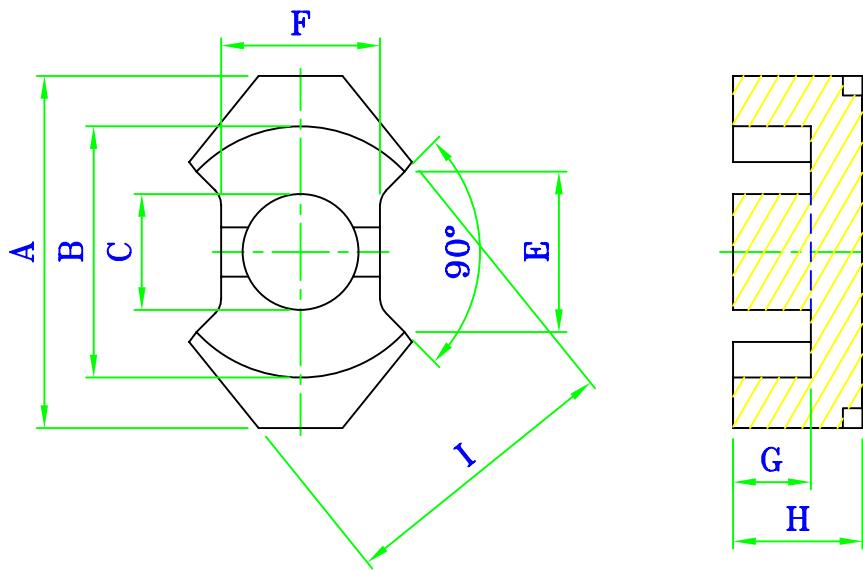
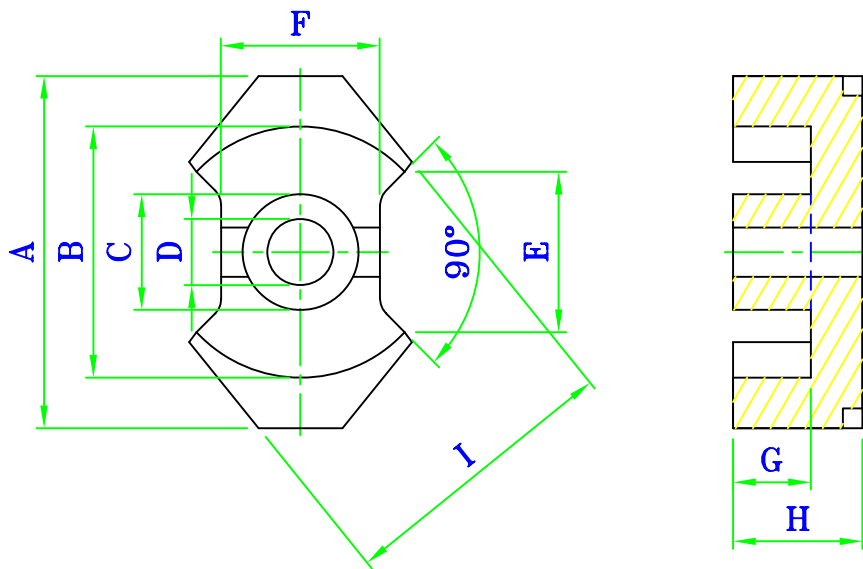


Fig2

F2 Type



MATERIAL: Mn-Zn:JP40,J2M,J2,J3,J4  
DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	H	I	Fig
RM 5 <sup>F1</sup>	14.6 <sup>+0</sup> <sub>-0.6</sub>	10.2 <sup>+0.4</sup> <sub>-0</sub>	4.9 <sup>+0</sup> <sub>-0.2</sub>		6.0-0	6.8 <sup>+0</sup> <sub>-0.4</sub>	3.15 <sup>+0.2</sup> <sub>-0</sub>	5.25 <sup>+0</sup> <sub>-0.1</sub>	12.3 <sup>+0</sup> <sub>-0.5</sub>	1
RM 5 <sup>F2</sup>	14.6 <sup>+0</sup> <sub>-0.6</sub>	10.2 <sup>+0.4</sup> <sub>-0</sub>	4.9 <sup>+0</sup> <sub>-0.2</sub>	2.0 <sup>+0.1</sup> <sub>-0</sub>	6.0-0	6.8 <sup>+0</sup> <sub>-0.4</sub>	3.15 <sup>+0.2</sup> <sub>-0</sub>	5.25 <sup>+0</sup> <sub>-0.1</sub>	12.3 <sup>+0</sup> <sub>-0.5</sub>	2

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
RM 5 <sup>F1</sup>			2000		2700			
RM 5 <sup>F2</sup>	1250 <sup>min</sup>	1650	2000	2200				



# RM6

## SHAPES

Fig1

F1 Type

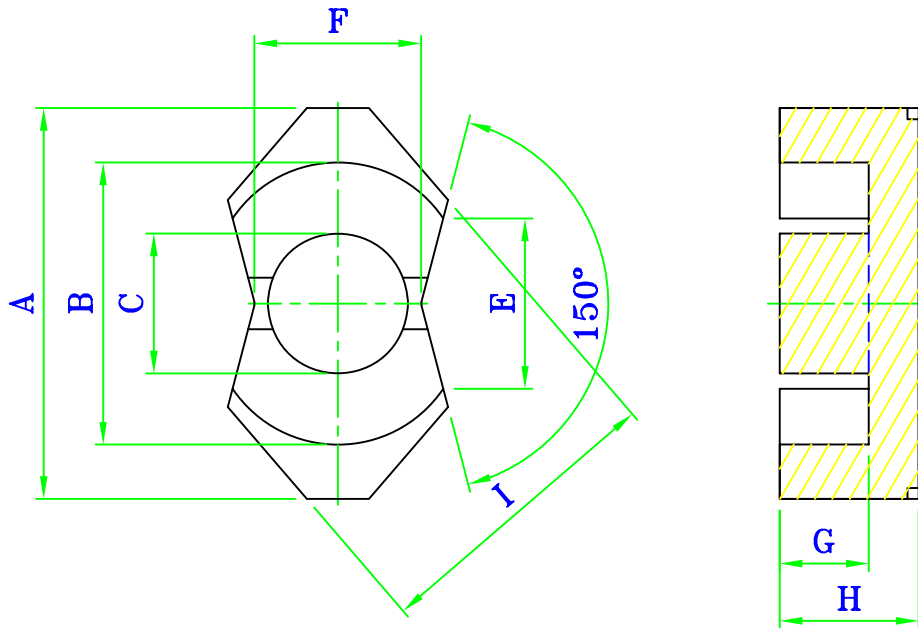
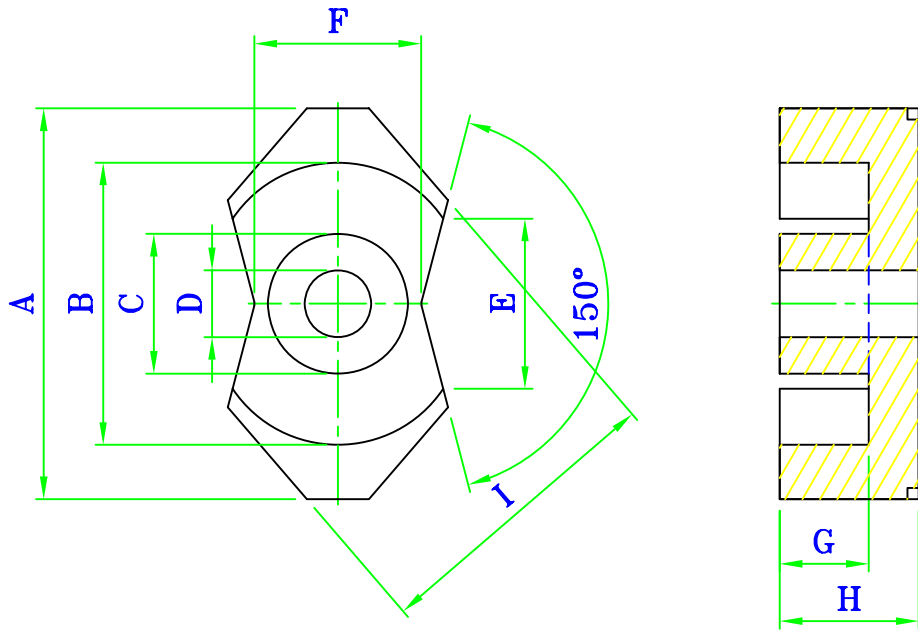


Fig2

F2 Type



MATERIAL: Mn-Zn:JP40,J2M,J2,J3,J4  
 DIMENSIONS OF MAIN PRODUCTS (unit:mm)

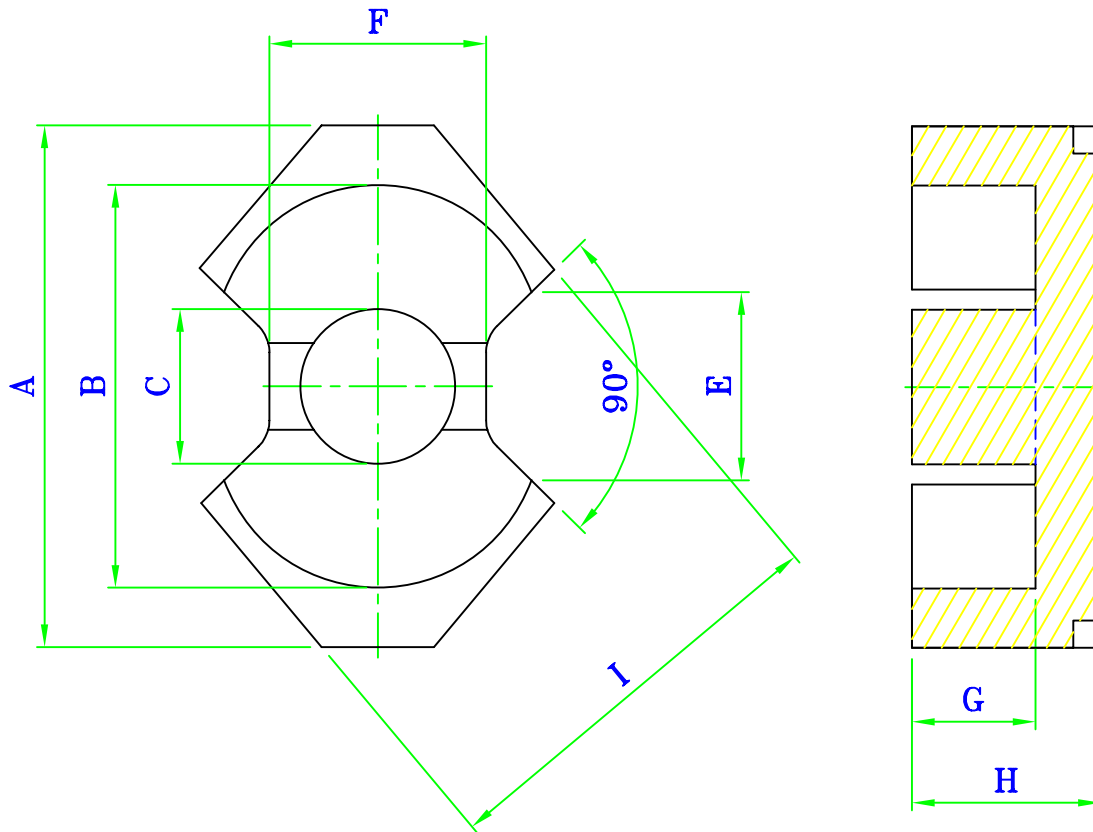
ITEM	A	B	C	D	E	F	G	H	I	Fig
RM 6 <sup>F1</sup>	$17.9^{+0}_{-0.6}$	$12.4^{+0.5}_{-0}$	$6.4^{+0}_{-0.2}$		8.4-0	$8.2^{+0}_{-0.4}$	$4.0^{+0.2}_{-0}$	$6.25^{+0}_{-0.1}$	$14.7^{+0}_{-0.6}$	1
RM 6 <sup>F2</sup>	$17.9^{+0}_{-0.6}$	$12.4^{+0.5}_{-0}$	$6.4^{+0}_{-0.2}$	$3.0^{+0.1}_{-0}$	8.4-0	$8.2^{+0}_{-0.4}$	$4.0^{+0.2}_{-0}$	$6.25^{+0}_{-0.1}$	$14.7^{+0}_{-0.6}$	2

ITEM	AlnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
RM 6 <sup>F1</sup>	2100	2000	2300	2900	3500			
RM 6 <sup>F2</sup>								



# RM8

## SHAPES



**MATERIAL:** Mn-Zn:JP40,J2M,J2,J3,J4  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

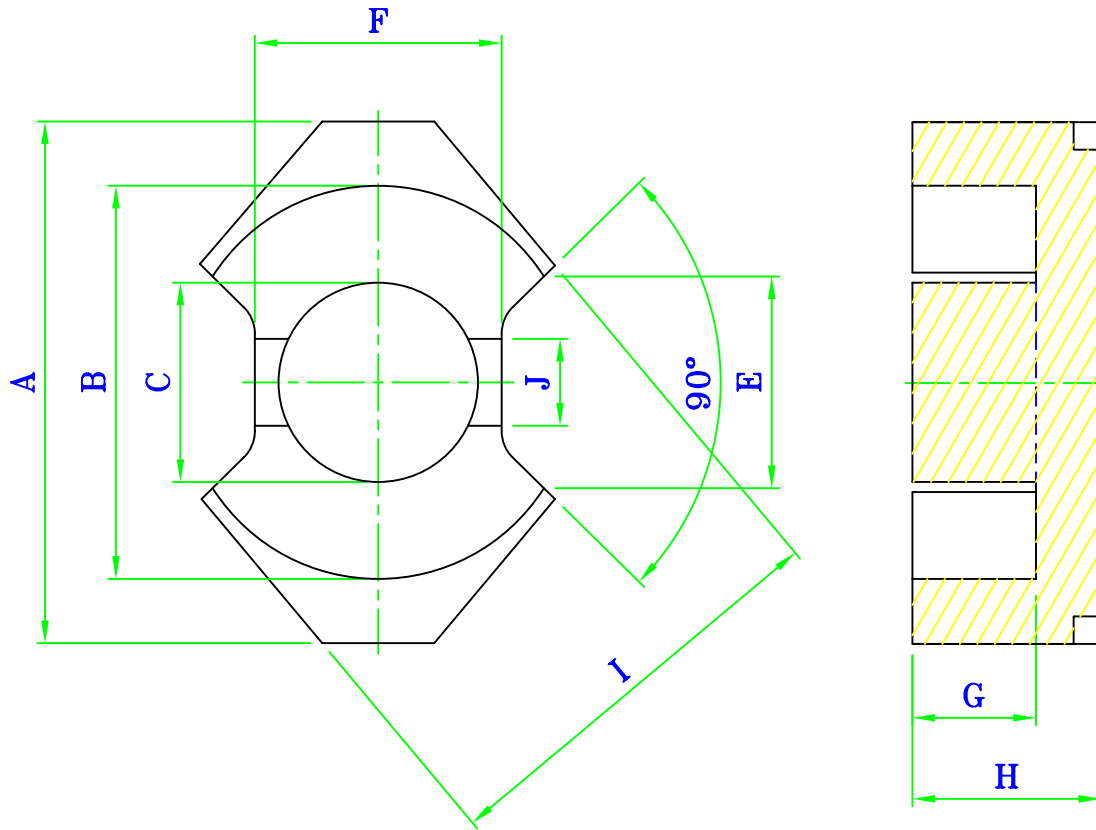
ITEM	A	B	C	E	F	G	H	I
RM 8	23.2 <sup>+0</sup> <sub>-0.9</sub>	17.0 <sup>+0.6</sup> <sub>-0</sub>	8.55 <sup>+0</sup> <sub>-0.3</sub>	9.8-0	11 REF	5.4 <sup>+0.2</sup> <sub>-0</sub>	8.25 <sup>+0</sup> <sub>-0.1</sub>	19.7 <sup>+0</sup> <sub>-0.7</sub>

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
RM 8	2800	2800	3500	4400	5000			



# RM10

## SHAPES



**MATERIAL:** Mn-Zn:JP40,J2M,J2,J3,J4  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

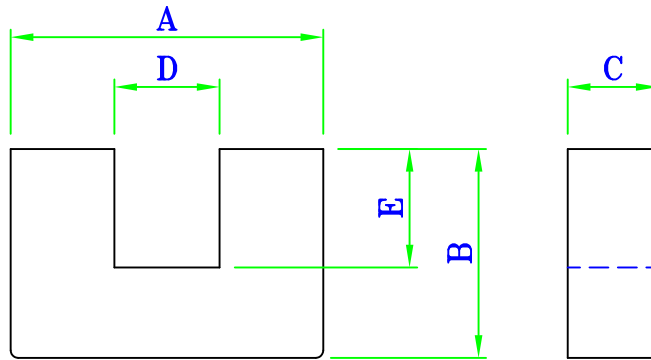
ITEM	A	B	C	E	F	G	H	I	J
RM 10	$28.5^{+0}_{-1.3}$	$21.2^{+0.9}_{-0}$	$10.9^{+0}_{-0.4}$	$11.3-0$	$13.5^{+0}_{-0.5}$	$6.2^{+0.3}_{-0}$	$9.35^{+0}_{-0.1}$	$24.7^{+0}_{-1.1}$	4.6

ITEM	AlnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
RM 10	4400	4400	5200	6000	7000			



# U

## SHAPES



**MATERIAL:** Mn-Zn:  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

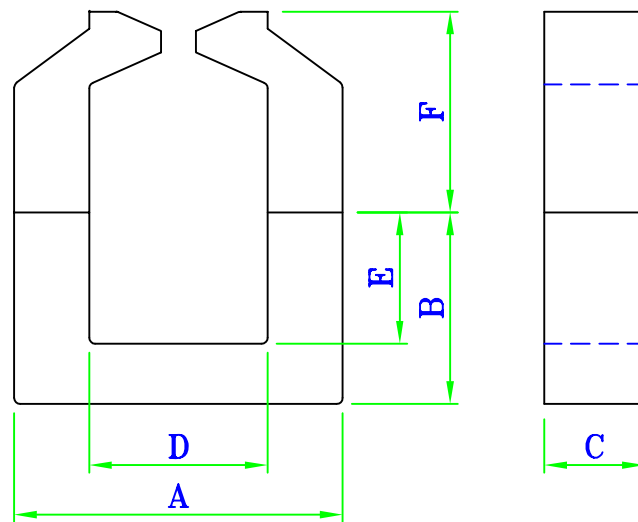
ITEM	A	B	C	D	E
U 5.7×6×3.2	5.7±0.2	6±0.2	3.2±0.2	1.9±0.2	4.1±0.2
U 10×8×3	10.1±0.2	8.2±0.2	2.9±0.2	4.3±0.2	5 <sup>+0.4</sup> <sub>-0</sub>
U 10.4×9.4×6	10.4±0.3	9.4±0.2	6±0.25	4.2±0.3	6.1±0.2
U 10.5×7.8×5.3	10.5±0.3	7.8±0.2	5.3±0.3	5.5±0.3	5.3±0.2
U 12×7.2×4.5	12±0.3	7.2±0.3	4.2±0.3	6.4±0.3	4.3±0.3
U 12×9.2×3.9	12±0.3	9.2±0.3	3.9±0.2	4.3±0.3	5.1±0.2
U 12×10.2×3	12±0.3	10.2±0.3	3±0.2	6±0.3	7.2±0.3
U 15.2×11.5×6.45	15.2±0.4	11.5±0.25	6.45±0.25	5.3±0.35	6.4±0.25
U 16×10×6	16±0.4	10±0.2	6±0.3	7 <sup>+0</sup> <sub>-0.4</sub>	6±0.25
U 20.8×15.6×7.7	20.8±0.6	15.9-0.6	7.7-0.6	6.3±0.4	8±0.6
U 22.2×11×5.8	22.2±0.6	11±0.3	5.8±0.3	10.2±0.3	5.15±0.3
U 26.9×11.5×6.2	26.9±0.8	11.5±0.4	6.2±0.3	14.5±0.3	5.2±0.3

ITEM	ALnH±25%							
	JP40	J2M	J2	J3	J4	J5	J6	J7
U 10×8×3			<sup>min</sup> 400		<sup>min</sup> 650			1300
U 10.5×7.8×5.3			<sup>min</sup> 540					
U 12×9.2×3.9		900						
U 15.2×11.5×6.45		1200	1600	2000				
U 16×10×6			1400					
U 20.8×15.6×7.7		1900	2400	3000				4000



# UH

## SHAPES



**MATERIAL:** Mn-Zn:  
**DIMENSIONS OF MAIN PRODUCTS (unit:mm)**

ITEM	A	B	C	D	E	F
UH 12×13.5×4.2	12±0.3	7.2±0.3	4.2±0.3	6.4±0.3	4.3±0.3	6.3±0.3



# UI

## SHAPES

Fig1

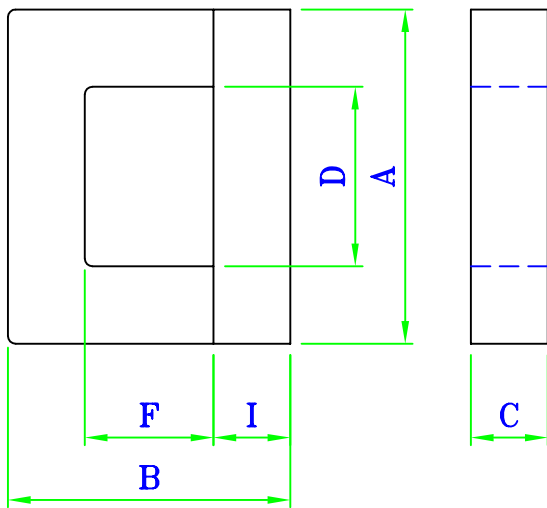
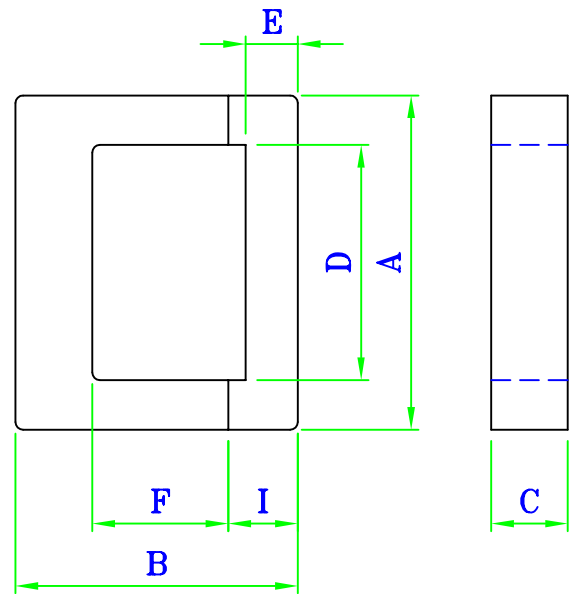


Fig2



MATERIAL: Mn-Zn:

DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	I	Fig
UI 10.5×5.3	10.5±0.3	15.8±0.3	5.3±0.3	5.5±0.3		10.6±0.3	2.6±0.3	1
UI 10.9×6.3	10.9±0.3	6.13±0.3	6.3±0.3	7.15±0.3		2.3±0.3	1.83±0.3	1
UI 12×3	12±0.3	20.5±0.4	3±0.2	6±0.3		14.5±0.3	3±0.2	1
UI 15.2×6.45	15.2±0.4	21±0.4	6.45±0.3	5.2±0.3		10±0.3	5.5±0.3	1
UI 27×6.2	27±0.8	22.8±0.4	6.2±0.3	14.5±0.3		10.4±0.3	6.2±0.3	1
UI 36×11	36±0.8	29±0.5	11±0.5	26±0.5	3.5±0.2	19±0.5	5±0.2	2





# UR-(1)

## SHAPES

Fig1

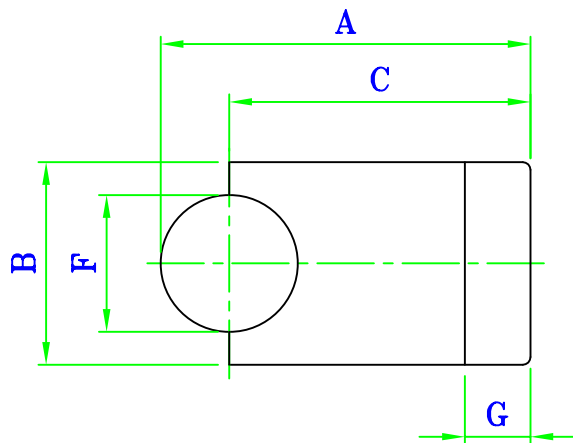
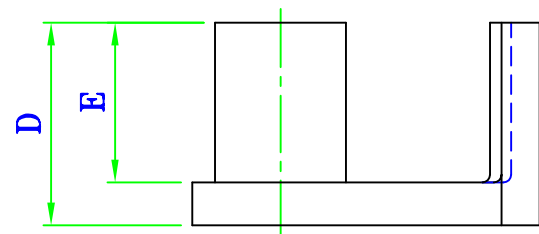
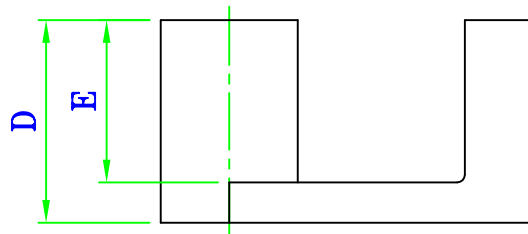
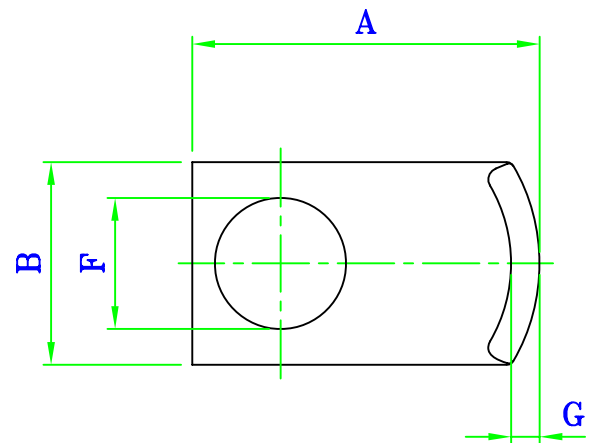


Fig2



MATERIAL: Mn-Zn:

DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	B	C	D	E	F	G	Fig
UR 26.9×14.8×15	26.9±0.8	14.8±0.5	22±0.6	15±0.4	10.4±0.3	10±0.3	4.8±0.3	1
UR 33×25×17	33±0.8	25±0.5		17±0.2	13±0.2	14.2±0.5	3.5±0.4	2

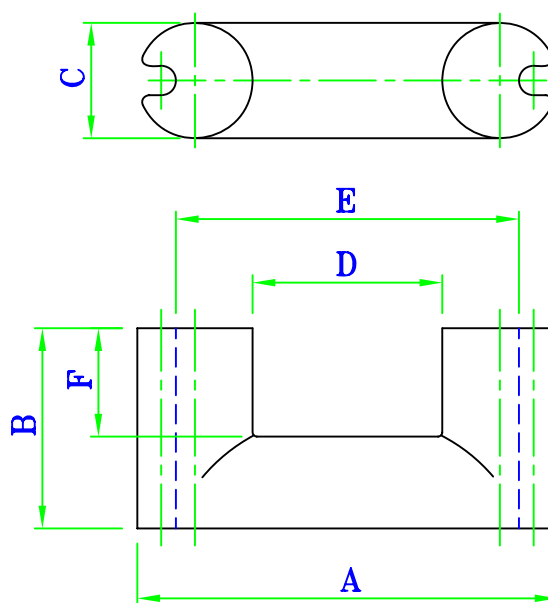
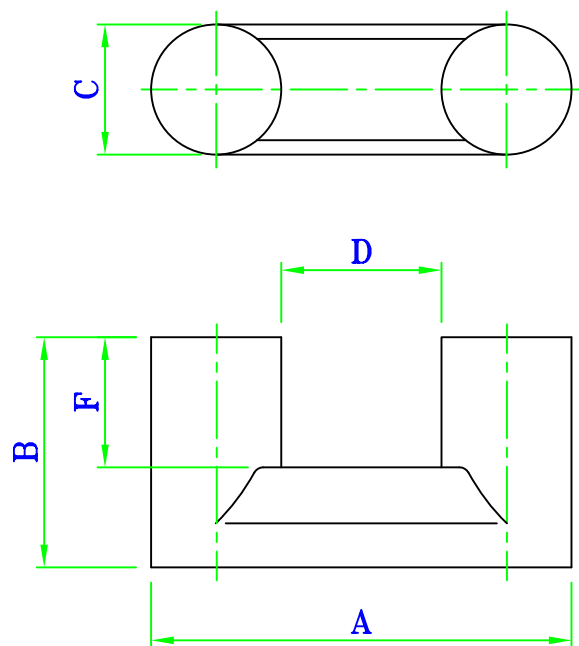


# UR-(2)

## SHAPES

Fig1

Fig2



MATERIAL: Mn-Zn:

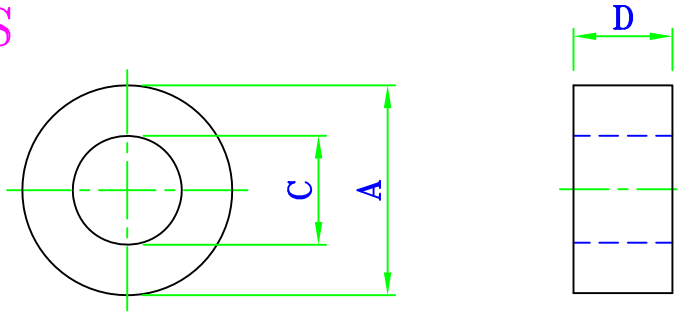
DIMENSIONS OF MAIN PRODUCTS (UNIT: mm)

ITEM	A	B	C	D	E	F	Fig
UR 21×11.5×6.5	21±0.3	11.5±0.3	6.5±0.3	8.0±0.3		6.5±0.3	1
UR 27×20×9.45 <sup>R</sup>	26.54±0.5	20.07±0.5	9.40±0.3	7.87±0.5	20.18 MIN	14.6±0.3	2
UR 41×11.5 <sup>R</sup>	41.15±0.8	20.62±0.4	11.7±0.3	18.7 MIN	34.7 MIN	11.1±0.3	2



# T

## SHAPES



DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	ALnH±25%					
				J2	J3	J4	J5	J6	J7
T 3.5×1.5×1.7	3.5±0.2	1.7±0.2	1.5±0.2						
T 3.6×1.2×2.9	3.6±0.2	2.9±0.2	1.2±0.2						
T 4×1.5×2	4±0.2	2±0.2	1.5±0.2						
T 4×2×2	4±0.2	2±0.2	2±0.2	750		1300	1400		
T 4.5×1.5×2.2	4.5±0.2	2.2±0.2	1.5±0.2						
T 4.5×1.5×2.5	4.5±0.2	2.5±0.2	1.5±0.2						
T 5×1.5×2.8	5±0.2	2.8±0.2	1.5±0.2						
T 5×2.4×2.5	5±0.2	2.5±0.2	2.4±0.2						
T 5×3.2×2.5	5±0.2	2.5±0.2	3.2±0.2						
T 5.3×2×2.6	5.3±0.2	2.6±0.2	2±0.2						
T 5.8×1.5×3.05	5.8±0.2	3.05±0.2	1.5±0.2						
T 6×2×3	6±0.2	3±0.2	2±0.2	1100					
T 6×2×4	6±0.2	4±0.3	2±0.2						
T 6×3×3	6±0.2	3±0.2	3±0.2	1200	1400	1800	2200	2600	
T 6×6×3	6±0.2	3±0.2	6±0.2	3500					
T 6.1×2×2.5	6.1±0.3	2.5±0.2	2±0.2						
T 7.4×4×3.9	7.4±0.3	3.9±0.2	4±0.2						
T 7.4×4.5×2.9	7.4±0.3	2.9±0.2	4.5±0.3						
T 7.6×4×4.2	7.6±0.3	4.2±0.2	4±0.2						
T 7.8×1.1×4.6	7.8±0.3	4.6±0.3	1.1±0.2						
T 8×4×4	8±0.3	4±0.2	4±0.2			2400	3000		
T 8×5×4	8±0.3	4±0.2	5±0.3	1900					
T 9.2×2×5	9.2±0.3	5±0.3	2±0.2	850					
T 9.2×3×5	9.2±0.3	5±0.3	3±0.2	1100	1250	1600	1900		
T 9.5×3×4.6	9.5±0.3	4.6±0.3	3±0.2	1300	1450	1850	2300	2700	
T 9.6×1×4.6	9.6±0.3	4.6±0.3	1±0.2						
T 9.7×2×4.7	9.7±0.3	4.7±0.3	2±0.2		1300				



# T

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	ALnH±25%					
				J2	J3	J4	J5	J6	J7
T 9.7×3.2×4.7	9.7±0.3	4.7±0.3	3.2±0.2	1300	1550	2000	2500	2900	
T 9.7×3.5×4.7	9.7±0.3	4.7±0.3	3.5±0.2	1400	1700	2200	2650		
T 9.7×3.9×4.75	9.7±0.3	4.75±0.3	3.9±0.2				3000	3500	
T 10×4×6	10±0.4	6±0.4	4±0.3	1200	1500	1800	2200	2600	
T 10×5×6	10±0.4	6±0.4	5±0.3	1500					3500
T 10.2×4×5.3	10.2±0.4	5.3±0.3	4±0.3						
T 11.3×3×6	11.3±0.4	6±0.4	3±0.2						
T 12.2×4×5.7	12.2±0.5	5.7±0.3	4±0.3	1700			3200		
T 12.2×4×9.9	12.2±0.5	9.9±0.5	4±0.3						
T 12.2×7×6.6	12.2±0.5	6.6±0.4	7±0.3						
T 12.5×4.7×7.9	12.5±0.5	7.9±0.5	4.7±0.3	1350			2300		
T 12.7×4×7.9	12.7±0.5	7.9±0.5	4±0.3	1100	1300	1600	1900		
T 12.7×4.78×7.2	12.7±0.5	7.2±0.5	4.78±0.3	1560					
T 12.7×5×7.2	12.7±0.5	7.2±0.5	5±0.3			2500			
T 12.7×6.35×7.9	12.7±0.5	7.9±0.5	6.35±0.3	1650	2150	2650	3200		
T 12.7×6.35×9.1	12.7±0.5	9.1±0.5	6.35±0.3						
T 12.7×13×7.9	12.7±0.5	7.9±0.5	13±0.5						
T 12.8×6.35×7.2	12.8±0.5	7.2±0.5	6.35±0.3						
T 13.2×4.7×8	13.2±0.5	8±0.5	4.7±0.3				2700		
T 13.3×4.7×7.2	13.3±0.5	7.2±0.5	4.7±0.3	1600					
T 13.5×3.2×8.6	13.5±0.5	8.6±0.5	3.2±0.2			1450			
T 13.6×5×8.5	13.6±0.5	8.5±0.5	5±0.3	1250					
T 14×3.5×7	14±0.5	7±0.5	3.5±0.3	1500	2000	2500			
T 14×6×9	14±0.5	9±0.5	6±0.3	1600			3100		
T 14×6×10.7	14±0.5	10.7±0.6	6±0.3						
T 14×7×7	14±0.5	7±0.4	7±0.4	2800					
T 14×8×10.2	14±0.5	10.2±0.6	8±0.4						
T 16×4.8×9.1	16±0.5	9.1±0.6	4.8±0.3	1400	1900	2400	2900		
T 16×8×8	16±0.5	8±0.4	8±0.4	3500					



# T

## DIMENSIONS OF MAIN PRODUCTS (unit:mm)

ITEM	A	C	D	ALnH±25%					
				J2	J3	J4	J5	J6	J7
T 16×8×12	16±0.5	12±0.6	8±0.4	1300	1700	2100	2500		
T 17×7×9.2	17±0.6	9.2±0.6	7±0.4		2950	3800	4600	5500	
T 18.4×8×9.1	18.4±0.6	9.1±0.6	8±0.4						
T 18.8×5×11	18.8±0.6	11±0.6	5±0.3			2500			
T 19×5.1×11.3	19±0.6	11.3±0.6	5.1±0.3				2900		
T 20.5×10×10.2	20.5±0.6	10.2±0.6	10±0.5	3800	4800	5900			
T 20.5×7.5×14.8	20.5±0.6	14.8±0.6	7.5±0.3		1700	2150			
T 22.2×6.35×13.72	22.2±0.6	13.72±0.6	6.35±0.3		2100	2700	3100		
T 22.2×8×12.5	22.2±0.6	12.5±0.6	8±0.4						
T 22.2×10.4×13.72	22.2±0.6	13.72±0.6	10.4±0.5		3450	4400	5400	6300	
T 22.2×12.7×13.72	22.2±0.6	13.72±0.6	12.7±0.5			5300	6300		
T 23×4.5×19	23±0.6	19±0.8	4.5±0.3						
T 24×6×12.5	24±0.6	12.5±0.6	6±0.3						
T 24.4×7×12.5	24.4±0.6	12.5±0.6	7±0.4						
T 25×8×16.4	25±0.7	16.4±0.7	8±0.4		2350	3000	3650		
T 25.2×7×16.5	25.2±0.7	16.5±0.7	7±0.4						
T 26×15×13.72	26±0.7	13.72±0.6	15±0.5	5000					
T 26×20×14.6	26±0.7	14.6±0.6	20±0.8						
T 29×7.5×19	29±0.8	19±0.8	7.5±0.4	1600					
T 32×9.53×19	32±0.8	19±0.8	9.53±0.5						
T 32×11×19	32±0.8	19±0.8	11±0.5				5500		
T 32×17.8×19	32±0.8	19±0.8	17.8±0.8	5000					
T 37×17×19	37±1.0	19±0.8	17±0.8	6000	7700				
T 37×17×22	37±1.0	22±0.8	17±0.8	4500	6000		8700		
T 47.6×9.5×35	47.6±1.0	35±0.8	9.5±0.5				3000		
T 47.6×17×35	47.6±1.0	35±0.8	17±0.6	2800	3500	4600			

- \* "D" DIMENSION IS ADJUSTABLE IN REASONABLE EXTENT
- \* CAN BE SUPPLIED WITH EPOXY OR PARYLENE COATING.

