

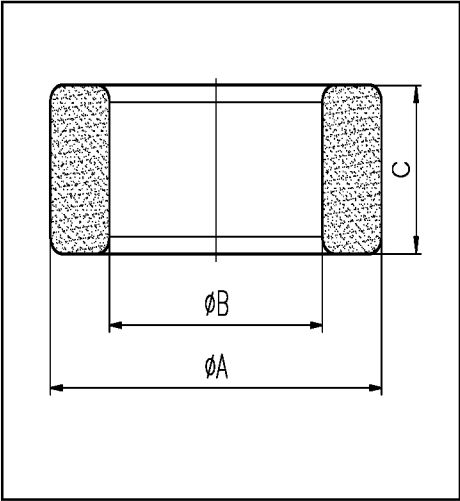


H cores

H 50×30×19P

CORE SETS
Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor(C_1)	0.65	mm^{-1}
Ve	effective volume	22361.68	mm^3
le	effective length	120.36	mm
Ae	effective area	185.79	mm^2
Wt	mass of core	≈ 114.6	g



尺寸 Coat	A	B	C
Uncoat	50.0 ± 0.6	30.0 ± 0.5	19.0 ± 0.4
Coated	51.2max	29.0min	20.0max

Note: With grass green epoxy coating

Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	$4460 \pm 25\%$	≥ 315	≤ 18.1
DMR44	$4460 \pm 25\%$	≥ 315	≤ 16.6
DMR95	$6400 \pm 25\%$	≥ 315	≤ 16.0

GRADE	AL (nH/N^2)	μ_i
	f=10kHz U=0.25V	f=10kHz U=0.25V
R7K	$12000 \pm 30\%$	≈ 7000
R10K	$18000 \pm 30\%$	≈ 10000
R12K	≥ 14530	≈ 12000