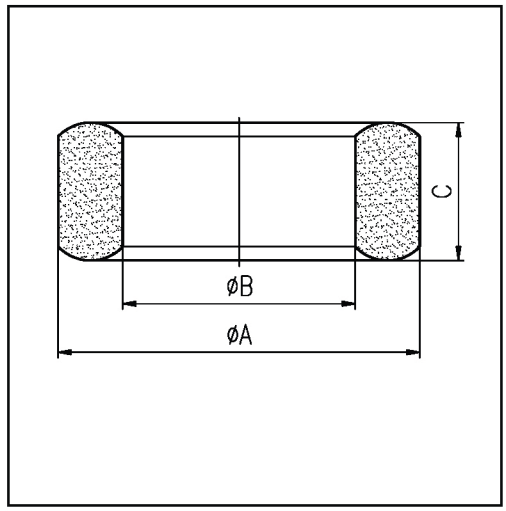
CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ (l/A)	core factor (C_1)	4.09	mm^{-1}
Ve	effective volume	147.49	mm^3
le	effective length	24.58	mm
Ae	effective area	6.0	mm^2
Wt	mass of core	≈0.9	g



尺寸 / Coat	A	B	C
Uncoat	10.0 ± 0.3	6.0 ± 0.3	3.0 ± 0.3
Coated	10.8 max	5.3 min	3.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR44	736 ± 25%	≥315	≤0.14
DMR50	450 ± 25%		≤0.10

GRADE	AL (nH/N^2)	μ i
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	1300±25%	≈4300
R6K	1850±25%	≈6000
R10K	3050±30%	≈10000
R12K	4500±30%	≈12000