

H cores

DMEGC

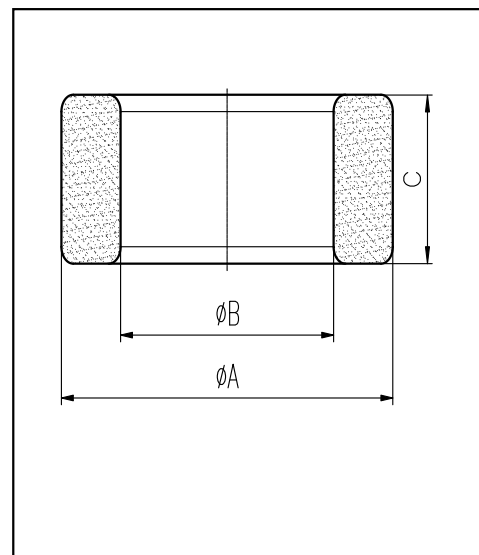
H10X5X3

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	3.08	mm^{-1}
V_e	effective volume	154.13	mm^3
l_e	effective length	21.80	mm
A_e	effective area	7.07	mm^2
W_t	mass of core	≈ 0.9	g

尺寸	A	B	C
Coat			
Uncoat	10.0 ± 0.3	5.0 ± 0.3	3.0 ± 0.2
Coated	10.7max	4.4min	3.6max



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	$810 \pm 25\%$	≥ 315	≤ 0.126

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