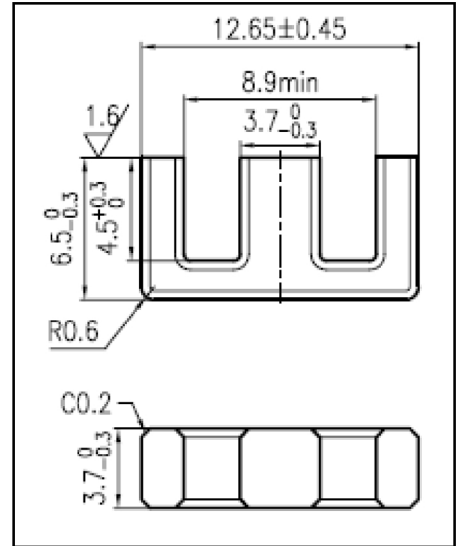


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	2.45	mm^{-1}
V_e	effective volume	359.37	mm^3
l_e	effective length	29.70	mm
A_e	effective area	12.40	mm^2
A_{\min}	minimum area	12.10	mm^2
W_t	mass of core set	≈ 1.8	g



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	750 ± 25%	—	≤ 0.26
DMR44	750 ± 25%	—	≤ 0.22

GAP

GRADE	GAP (mm)	AL (nH)
DMR44	0.04	$\approx 250 \pm 3\%$
DMR44	0.10	$\approx 160 \pm 3\%$
DMR44	0.13	$\approx 112 \pm 3\%$
DMR44	0.30	$\approx 64 \pm 3\%$
DMR44	0.50	$\approx 45 \pm 3\%$