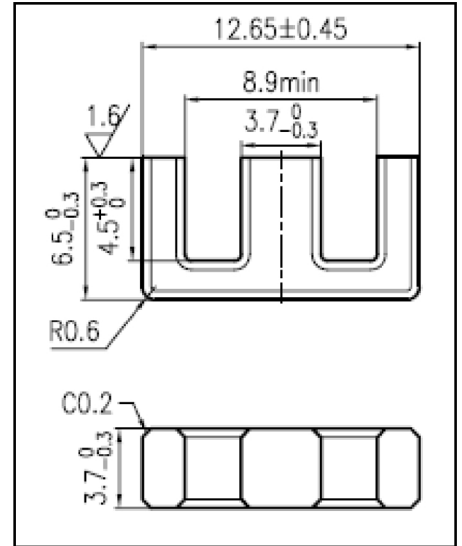


CORE SETS

Effective core parameters

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



Characteristic

GRADE	AL (nH/N <sup>2</sup> )	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	$750 \pm 25\%$	—	$\leq 0.26$
DMR44	$750 \pm 25\%$	—	$\leq 0.22$

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	$\approx 45 \pm 3\%$