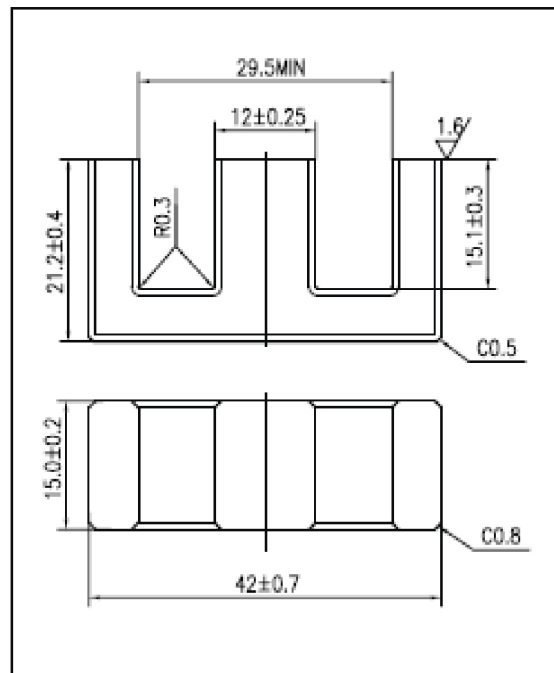


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_l)	0.55	mm^{-1}
V_e	effective volume	17266.0	mm^3
l_e	effective length	97.0	mm
A_e	effective area	178.0	mm^2
$A_{\min}$	minimum area	174.4	mm^2
W_t	mass of core set	≈ 89.0	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	4500 ± 25%	≥ 320	≤ 10.68
DMR44	4500 ± 25%	≥ 320	≤ 9.35

GAP

GRADE	GAP (mm)	AL (nH)
DMR44	0.10	$\approx 1491 \pm 3\%$
DMR44	0.25	$\approx 755 \pm 3\%$
DMR44	0.50	$\approx 453 \pm 3\%$
DMR44	1.00	$\approx 270 \pm 3\%$
DMR44	1.50	$\approx 200 \pm 3\%$