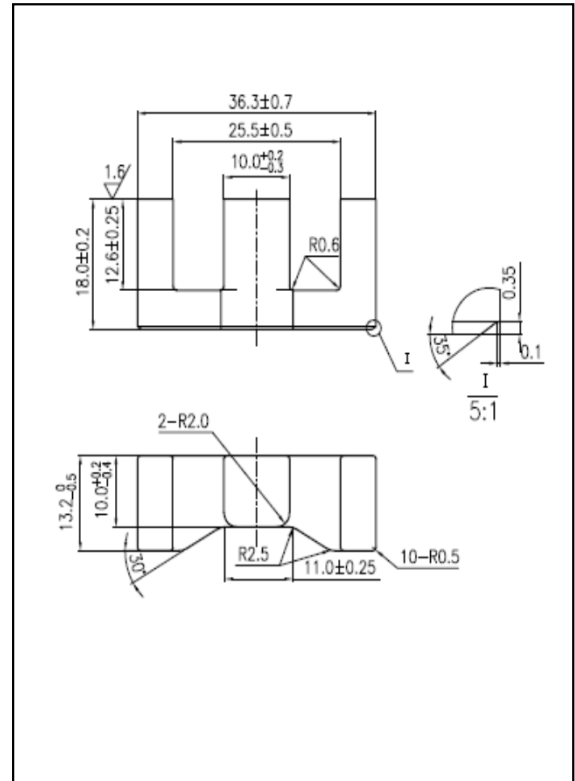


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.70	mm^{-1}
V_e	effective volume	9142.8	mm^3
l_e	effective length	80.2	mm
A_e	effective area	114.0	mm^2
A_{\min}	minimum area	97.2	mm^2
W_t	mass of core set	≈ 50.0	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	3000 ± 25%	≥ 315	≤ 6.00	
DMR44	3000 ± 25%	≥ 315	≤ 5.50	
DMR47	3000 ± 25%	≥ 325	≤ 4.75	
DMR95	4000 ± 25%	≥ 315	≤ 5.30	

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=500kHz B=50mT T=100°C	f=3MHz B=10mT T=100°C
DMR55	2750 ± 25%	≥ 300	≤ 2.93	—