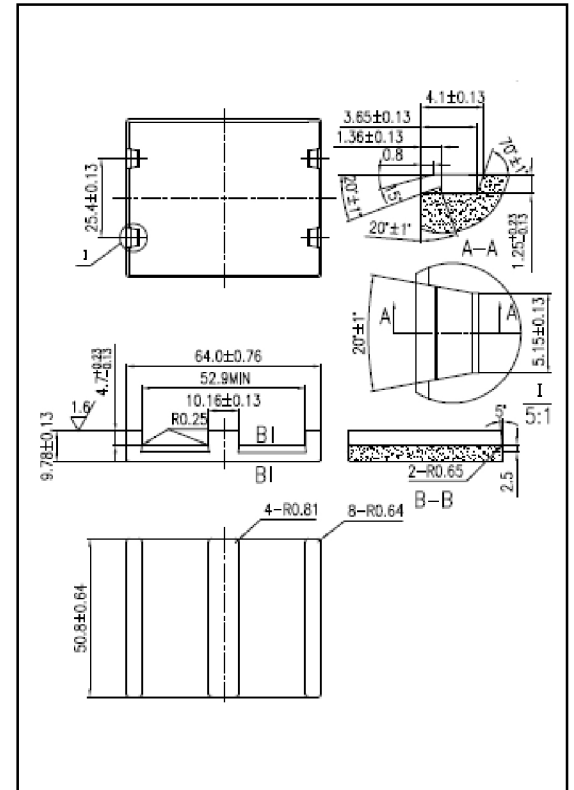


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor(C_1)	0.15	mm^{-1}
V_e	effective volume	40196.4	mm^3
l_e	effective length	77.9	mm
A_e	effective area	516.0	mm^2
$A_{\min}$	minimum area	506.8	mm^2
W_t	mass of core set	≈ 206.0	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	15300±25%	≥315	≤24.72	
DMR44	15300±25%	≥315	≤22.66	
DMR95	21990±25%	≥315	≤22.11	

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	12000±25%	≥300	≤12.87	—