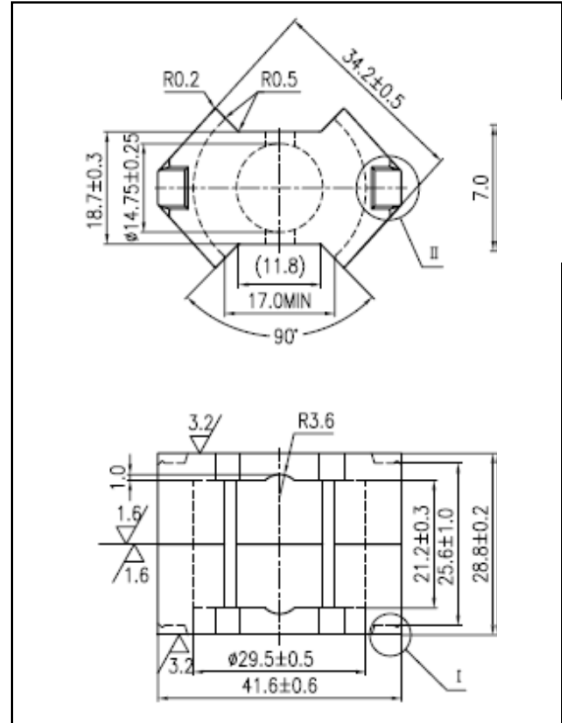


#### CORE SETS

##### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.37	$\text{mm}^{-1}$
$V_e$	effective volume	12972.0	$\text{mm}^3$
$l_e$	effective length	69.0	mm
$A_e$	effective area	188.0	$\text{mm}^2$
$A_{\min}$	minimum area	168.0	$\text{mm}^2$
$W_t$	mass of core set	$\approx 69$	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	6000 ± 25%	≥ 315	≤ 9.66	
DMR44	6000 ± 25%	≥ 315	≤ 8.28	
DMR47	6100 ± 25%	≥ 325	≤ 6.49	
DMR95	7000 ± 25%	≥ 315	≤ 7.14	

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=500kHz B=50mT T=100°C	f=3MHz B=10mT T=100°C
DMR50	4000 ± 25%	≥ 300	≤ 3.00	—