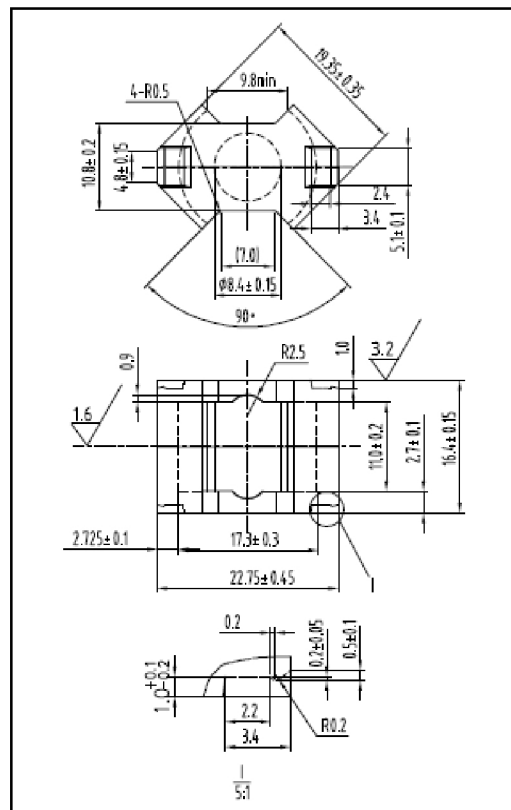


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor( $C_1$ )	0.59	$\text{mm}^{-1}$
$V_e$	effective volume	2432.00	$\text{mm}^3$
$l_e$	effective length	38.00	mm
$A_e$	effective area	64.00	$\text{mm}^2$
$A_{\text{min}}$	minimum area	55.40	$\text{mm}^2$
$W_t$	mass of core set	$\approx 12.4$	g



Characteristic

GRADE	AL (nH/N <sup>2</sup> )	B (mT)	CORE LOSS
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	3000 ± 25%	≥ 315	≤ 1.74
DMR44	3000 ± 25%	≥ 315	≤ 1.49
DMR47	3200 ± 25%	≥ 325	≤ 1.24
DMR90	2800 ± 25%	≥ 325	≤ 1.65
DMR95	3800 ± 25%	≥ 315	≤ 1.34

GAP

GRADE	AL (nH)	$\mu_e$	GAP (mm)
DMR44	100 ± 3%	49	1.10
DMR44	160 ± 3%	78	0.61
DMR44	250 ± 3%	121	0.36
DMR44	315 ± 3%	153	0.26
DMR44	400 ± 3%	194	0.20