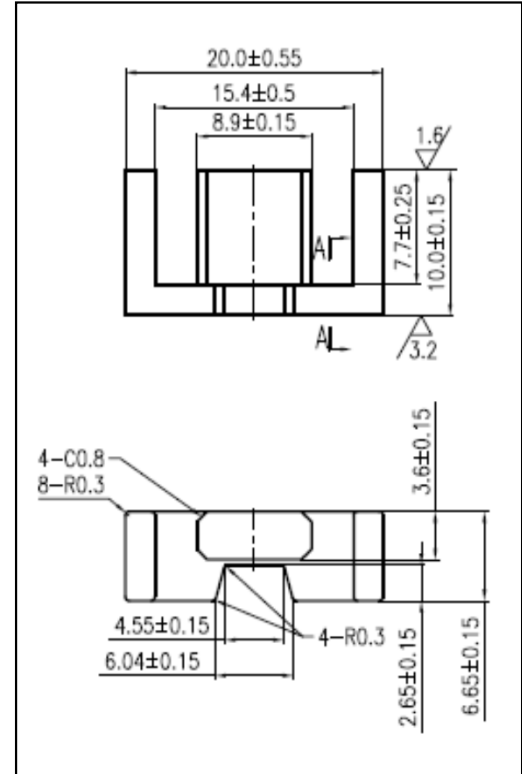


### CORE SETS

#### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	1.52	$\text{mm}^{-1}$
$V_e$	effective volume	1457.0	$\text{mm}^3$
$l_e$	effective length	47.0	mm
$A_e$	effective area	31.0	$\text{mm}^2$
$A_{\min}$	minimum area	29.0	$\text{mm}^2$
$W_t$	mass of core set	$\approx 7.2$	g



### Characteristic

GRADE	$AL$ ( $\text{nH}/\text{N}^2$ )	$B$ (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$	
DMR24	$1000 \pm 25\%$	$\geq 300$	$\leq 1.10$	
DMR40	$1300 \pm 25\%$	$\geq 290$	$\leq 1.01$	
DMR44	$1300 \pm 25\%$	$\geq 290$	$\leq 0.80$	
DMR95	$1800 \pm 25\%$	$\geq 300$	$\leq 0.82$	

GRADE	$AL$ ( $\text{nH}/\text{N}^2$ )	$B$ (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=500\text{kHz}$ $B=50\text{mT}$ $T=100^\circ\text{C}$	$f=3\text{MHz}$ $B=10\text{mT}$ $T=100^\circ\text{C}$
DMR50B	$1000 \pm 25\%$	$\geq 275$	$\leq 0.364$	—
DMR55	$1200 \pm 25\%$	$\geq 275$	$\leq 0.466$	—