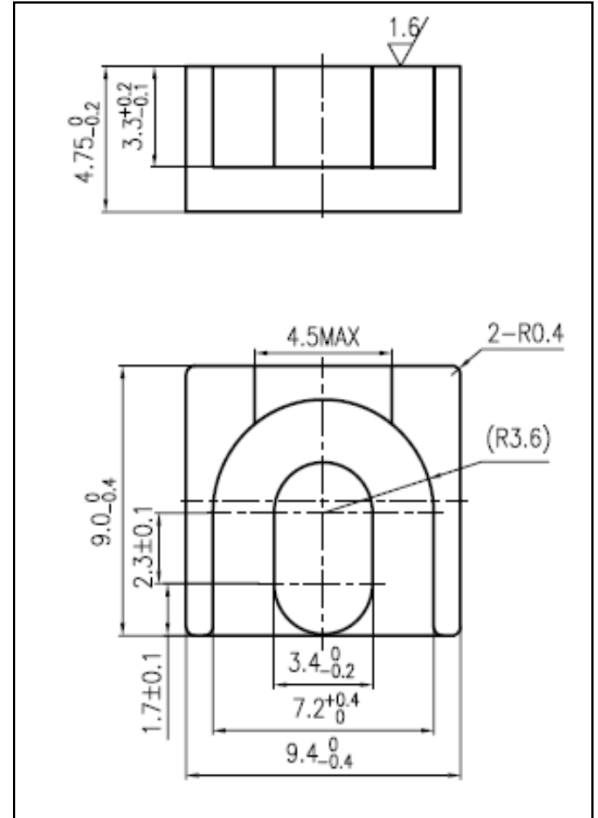


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	1.02	mm^{-1}
V_e	effective volume	323.96	mm^3
l_e	effective length	18.20	mm
A_e	effective area	17.80	mm^2
A_{\min}	minimum area	11.75	mm^2
W_t	mass of core set	≈ 2.6	g



Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$1300 \pm 25\%$	≥ 315	≤ 0.26

GRADE	AL (nH/N^2)	μ_i
	$f=10\text{kHz}$ $U=0.25\text{V}$	$f=10\text{kHz}$ $U=0.25\text{V}$
DMR71	$2000 \pm 25\%$	≈ 3800