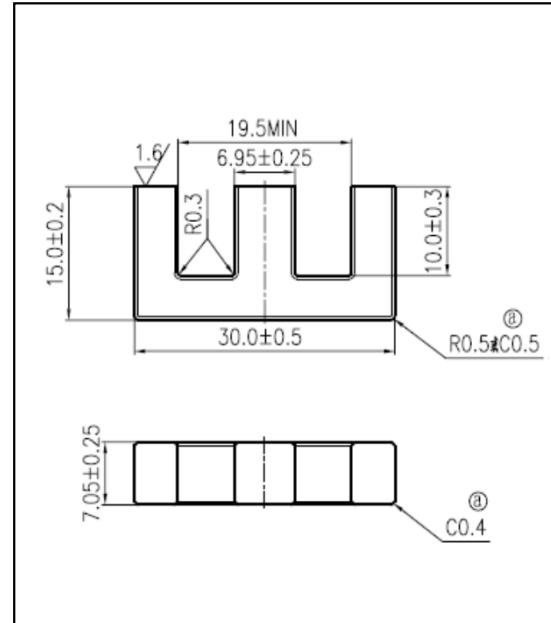


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	1.10	mm^{-1}
V_e	effective volume	3916.32	mm^3
l_e	effective length	65.60	mm
A_e	effective area	59.70	mm^2
A_{\min}	minimum area	48.68	mm^2
W_t	mass of core set	≈ 21.6	g



Characteristic

GRADE	$AL (\text{nH/N}^2)$	$B (\text{mT})$	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	$1650 \pm 25\%$	≥ 375	≤ 2.94
DMR40	$1950 \pm 25\%$	≥ 320	≤ 2.59
DMR44	$1950 \pm 25\%$	≥ 320	≤ 2.38
DMR95	$2600 \pm 25\%$	≥ 340	≤ 2.20

GRADE	$AL (\text{nH/N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=500\text{kHz}$ $B=50\text{mT}$ $T=100^\circ\text{C}$
DMR50	$1500 \pm 25\%$	≥ 320	≤ 0.87