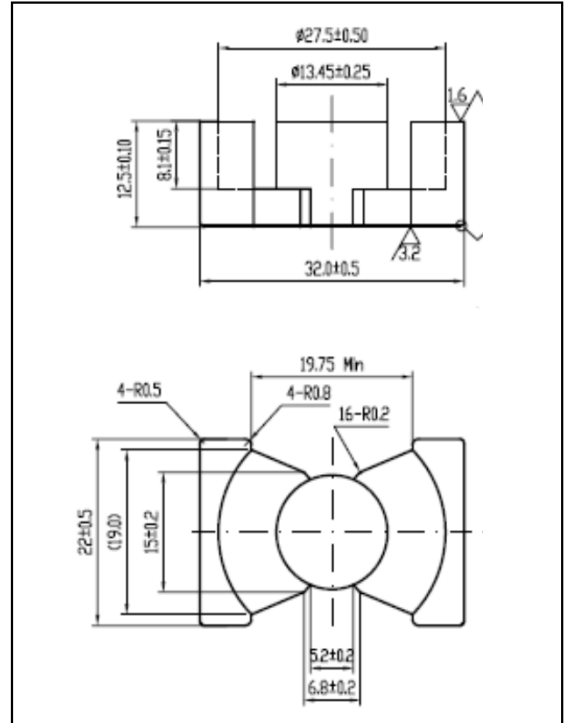


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.38	mm^{-1}
V_e	effective volume	8956.4	mm^3
l_e	effective length	58.5	mm
A_e	effective area	153.1	mm^2
A_{\min}	minimum area	143.0	mm^2
W_t	mass of core set	≈ 50.0	g



Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5400 \pm 25\%$	≥ 315	≤ 7.0
DMR44	$5400 \pm 25\%$	≥ 315	≤ 6.0
DMR47	$5500 \pm 25\%$	≥ 325	≤ 4.75
DMR95	$6800 \pm 25\%$	≥ 315	≤ 5.38