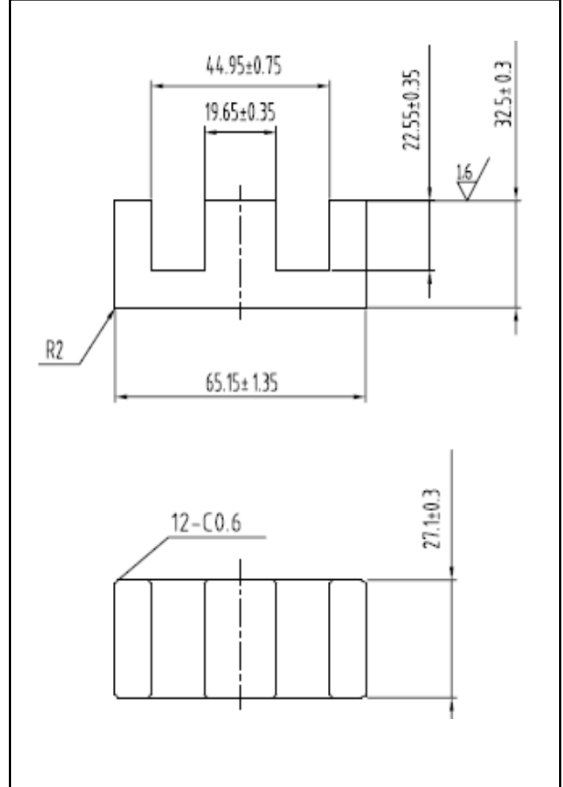


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (l/A)$	core factor (C_1)	0.28	mm^{-1}
V_e	effective volume	78204.0	mm^3
l_e	effective length	147.0	mm
A_e	effective area	532.0	mm^2
A_{\min}	minimum area	530.0	mm^2
W_t	mass of core set	≈ 402	g



Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$8400 \pm 25\%$	≥ 320	≤ 52.26
DMR44	$8400 \pm 25\%$	≥ 320	≤ 47.00
DMR47	$8500 \pm 25\%$	≥ 340	≤ 40.20
DMR95	$11000 \pm 25\%$	≥ 340	≤ 47.40

0.28	147.0	532.0	402*
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≤ 48.24
≤ 44.22 (≈47)
≤ 38.2
≤ 43.012 (≈47.4)

