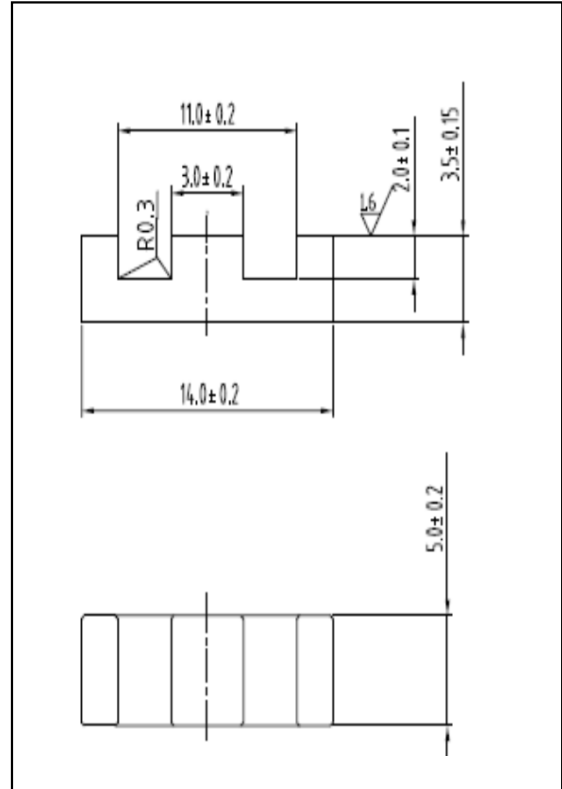


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	1.38	mm^{-1}
V_e	effective volume	310.5	mm^3
l_e	effective length	20.7	mm
A_e	effective area	15.0	mm^2
A_{\min}	minimum area	15.0	mm^2
W_t	mass of core set	≈ 1.6	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	$1200 \pm 25\%$	—	≤ 0.24
DMR44	$1200 \pm 25\%$	—	≤ 0.20

1.38	20.7	15.0	1.6*	
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