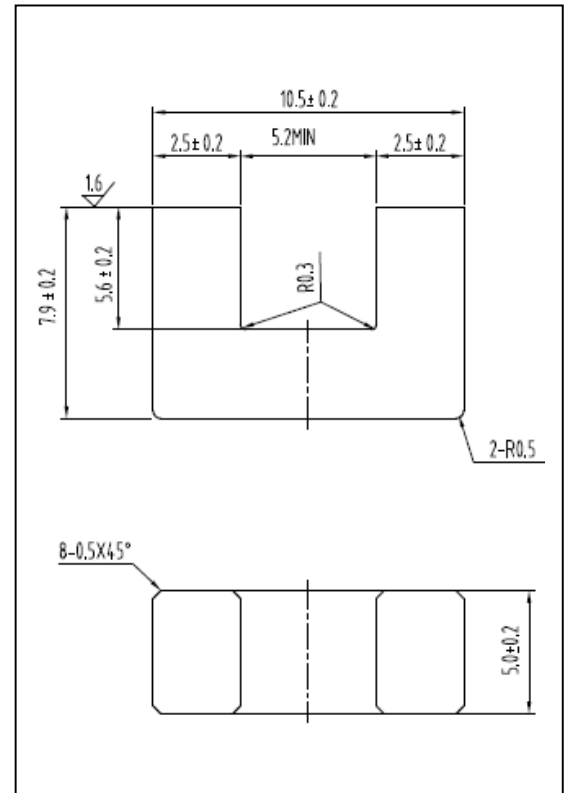


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	3.27	$\text{mm}^{-1}$
$V_e$	effective volume	502.20	$\text{mm}^3$
$l_e$	effective length	40.50	mm
$A_e$	effective area	12.40	$\text{mm}^2$
$A_{\text{min}}$	minimum area	11.50	$\text{mm}^2$
$W_t$	mass of core set	$\approx 2.6$	g



Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	$650 \pm 25\%$	$\geq 250$	$\leq 0.38$
DMR44	$650 \pm 25\%$	$\geq 250$	$\leq 0.30$

GRADE	AL ( $\text{nH}/\text{N}^2$ )	$\mu_i$
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	$900 \pm 25\%$	$\approx 4300$
R5K	$1250 \pm 25\%$	$\approx 5000$
R7K	$1550 \pm 25\%$	$\approx 7000$
R10K	$\geq 1600$ (mirror)	$\approx 10000$
R12K	$\geq 2200$ (mirror)	$\approx 12000$