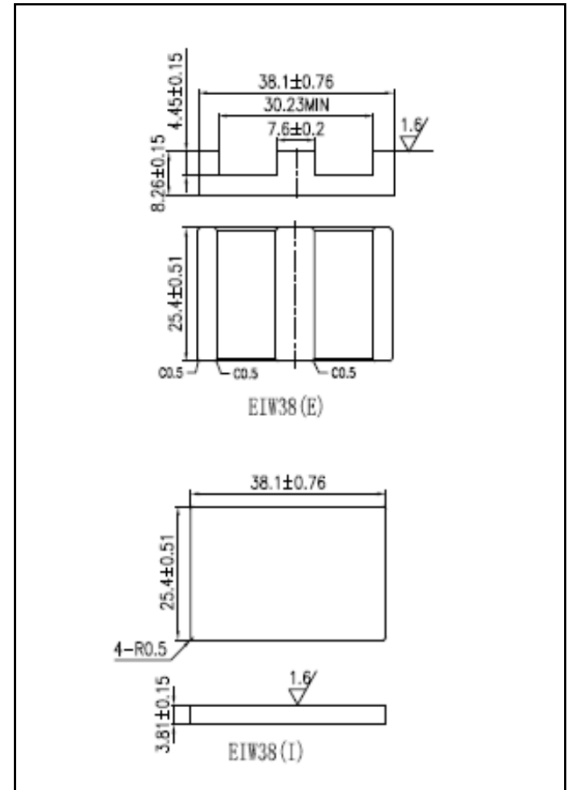


### CORE SETS

#### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.23	$\text{mm}^{-1}$
$V_e$	effective volume	8453.4	$\text{mm}^3$
$l_e$	effective length	43.8	mm
$A_e$	effective area	193.0	$\text{mm}^2$
$A_{\min}$	minimum area	179.6	$\text{mm}^2$
$W_t$	mass of core set	$\approx 43.6$	g



### Characteristic

GRADE	AL ( $\text{nH/N}^2$ )	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	$8700 \pm 25\%$	$\geq 315$	$\leq 5.45$
DMR44	$8700 \pm 25\%$	$\geq 315$	$\leq 4.80$
DMR47	$9000 \pm 25\%$	$\geq 325$	$\leq 4.15$
DMR95	$10500 \pm 25\%$	$\geq 315$	$\leq 4.65$