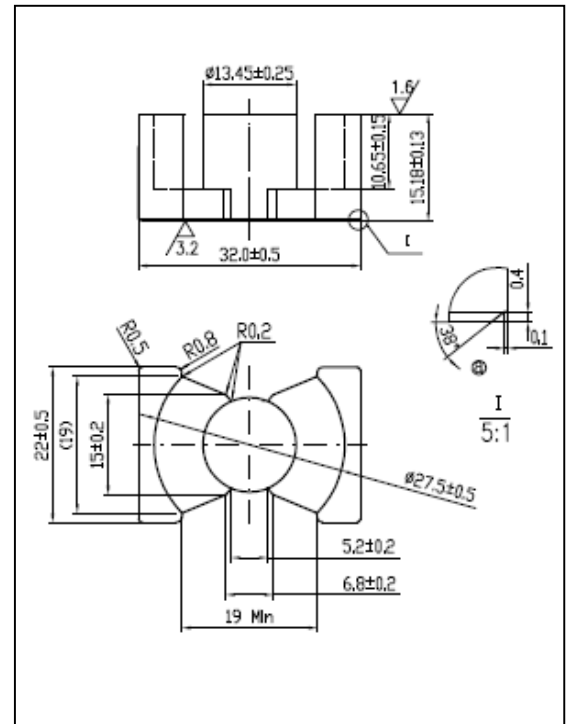


## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.44	$\text{mm}^{-1}$
$V_e$	effective volume	10644.9	$\text{mm}^3$
$l_e$	effective length	68.5	mm
$A_e$	effective area	155.4	$\text{mm}^2$
$A_{\min}$	minimum area	143.0	$\text{mm}^2$
$W_t$	mass of core set	$\approx 56.0$	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	
DMR24	4500 ± 25%	$\geq 325$	$\leq 7.84$	
DMR40	5000 ± 25%	$\geq 315$	$\leq 7.84$	
DMR44	5000 ± 25%	$\geq 315$	$\leq 6.72$	
DMR47	5000 ± 25%	$\geq 325$	$\leq 5.32$	
DMR90	4500 ± 25%	$\geq 325$	$\leq 5.33$	
DMR95	5500 ± 25%	$\geq 315$	$\leq 5.86$	

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=500kHz B=50mT T=100°C	f=3MHz B=10mT T=100°C
DMR55	4500 ± 25%	$\geq 300$	$\leq 3.41$	—