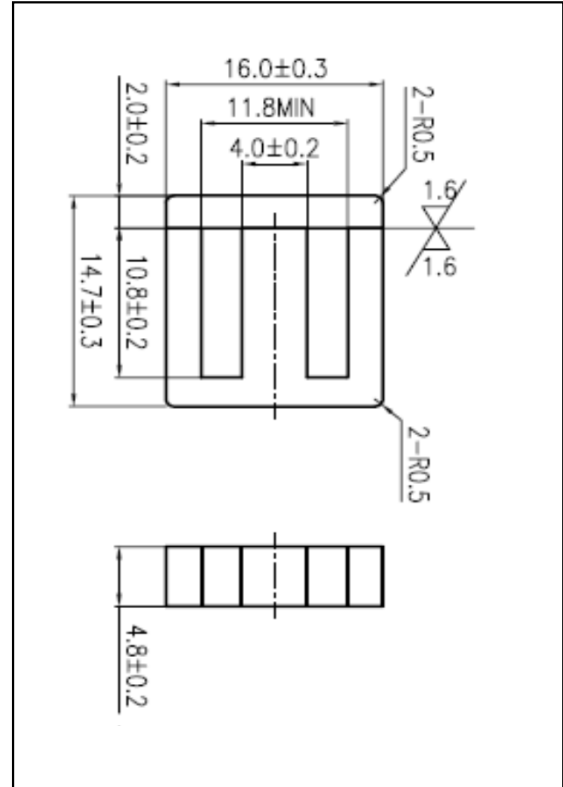


CORE SETS

Effective core parameters

| SYMBOL | PARAMETER | VALUE | UNIT |
|----------------|-----------------------|---------------|------------------|
| $\Sigma (1/A)$ | core factor (C_1) | 1.90 | mm^{-1} |
| V_e | effective volume | 674.92 | mm^3 |
| l_e | effective length | 35.90 | mm |
| A_e | effective area | 18.80 | mm^2 |
| A_{\min} | minimum area | 18.72 | mm^2 |
| W_t | mass of core set | ≈ 3.6 | 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 | $1100 \pm 25\%$ | ≥ 250 | ≤ 0.53 |
| DMR44 | $1100 \pm 25\%$ | ≥ 250 | ≤ 0.44 |
| DMR47 | $1200 \pm 25\%$ | ≥ 270 | ≤ 0.40 |