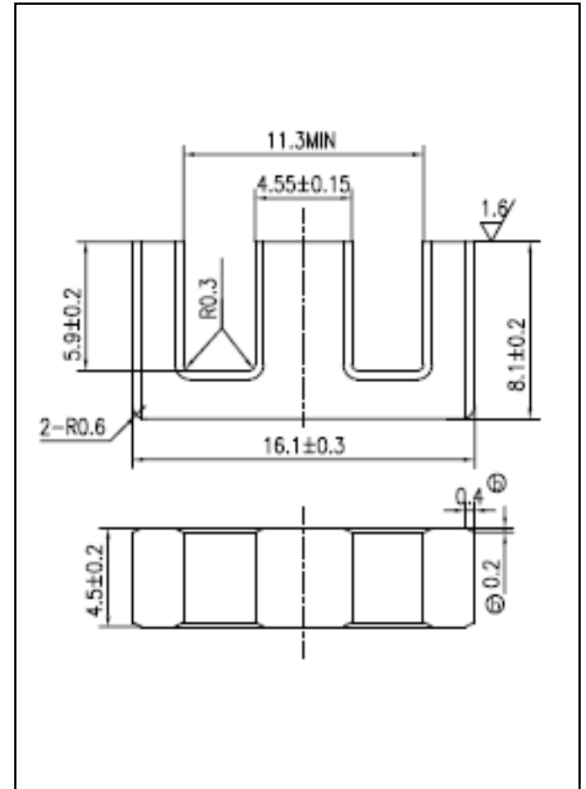


#### CORE SETS

##### Effective core parameters

| SYMBOL         | PARAMETER             | VALUE         | UNIT             |
|----------------|-----------------------|---------------|------------------|
| $\Sigma (1/A)$ | core factor ( $C_1$ ) | 1.87          | $\text{mm}^{-1}$ |
| $V_e$          | effective volume      | 755.76        | $\text{mm}^3$    |
| $l_e$          | effective length      | 37.60         | mm               |
| $A_e$          | effective area        | 20.10         | $\text{mm}^2$    |
| $A_{\min}$     | minimum area          | 19.92         | $\text{mm}^2$    |
| $W_t$          | mass of core set      | $\approx 3.9$ | g                |



#### Characteristic

| GRADE | AL (nH/N <sup>2</sup> ) | B (mT)                         | CORE LOSS (W)                  |
|-------|-------------------------|--------------------------------|--------------------------------|
|       | f=10kHz<br>U=0.25V      | H=250A/m<br>f=25kHz<br>T=100°C | f=100kHz<br>B=200mT<br>T=100°C |
| DMR40 | 1100 ± 25%              | ≥ 250                          | ≤ 0.57                         |
| DMR44 | 1100 ± 25%              | ≥ 250                          | ≤ 0.43                         |