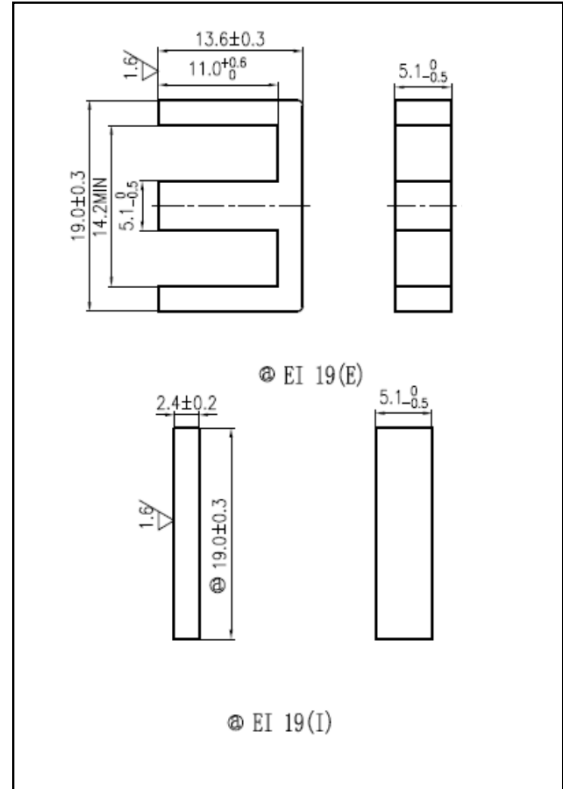


### CORE SETS

#### Effective core parameters

| SYMBOL         | PARAMETER             | VALUE         | UNIT             |
|----------------|-----------------------|---------------|------------------|
| $\Sigma (1/A)$ | core factor ( $C_1$ ) | 1.74          | $\text{mm}^{-1}$ |
| $V_e$          | effective volume      | 898.92        | $\text{mm}^3$    |
| $l_e$          | effective length      | 39.60         | mm               |
| $A_e$          | effective area        | 22.70         | $\text{mm}^2$    |
| $A_{\min}$     | minimum area          | 21.85         | $\text{mm}^2$    |
| $W_t$          | mass of core set      | $\approx 4.5$ | g                |



### Characteristic

| GRADE | AL ( $\text{nH/N}^2$ ) | 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 | $1100 \pm 25\%$        | $\geq 290$                     | $\leq 0.61$                    |
| DMR44 | $1100 \pm 25\%$        | $\geq 290$                     | $\leq 0.50$                    |