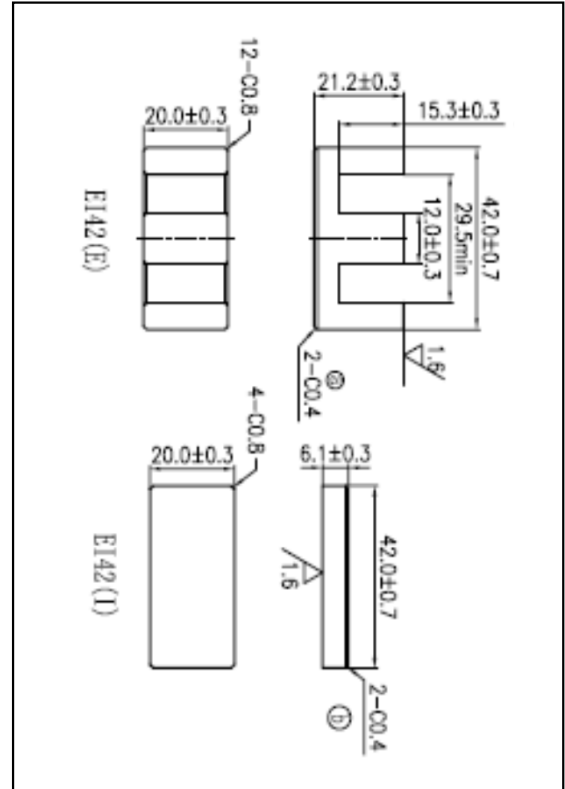


### CORE SETS

#### Effective core parameters

| SYMBOL         | PARAMETER             | VALUE          | UNIT             |
|----------------|-----------------------|----------------|------------------|
| $\Sigma (1/A)$ | core factor ( $C_1$ ) | 0.28           | $\text{mm}^{-1}$ |
| $V_e$          | effective volume      | 16132.50       | $\text{mm}^3$    |
| $l_e$          | effective length      | 67.50          | mm               |
| $A_e$          | effective area        | 239.00         | $\text{mm}^2$    |
| $A_{\min}$     | minimum area          | 236.00         | $\text{mm}^2$    |
| $W_t$          | mass of core set      | $\approx 84.0$ | g                |



### Characteristic

| GRADE | AL ( $\text{nH}/\text{N}^2$ )        | B (mT)   | CORE LOSS (W)  |
|-------|--------------------------------------|--|--|
|       | $f=10\text{kHz}$<br>$U=0.25\text{V}$ | $H=250\text{A/m}$<br>$f=25\text{kHz}$<br>$T=100^\circ\text{C}$ | $f=100\text{kHz}$<br>$B=200\text{mT}$<br>$T=100^\circ\text{C}$ |
| DMR40 | $7000 \pm 25\%$                      | $\geq 315$   | $\leq 10.6$  |
| DMR44 | $7000 \pm 25\%$                      | $\geq 315$   | $\leq 8.40$  |