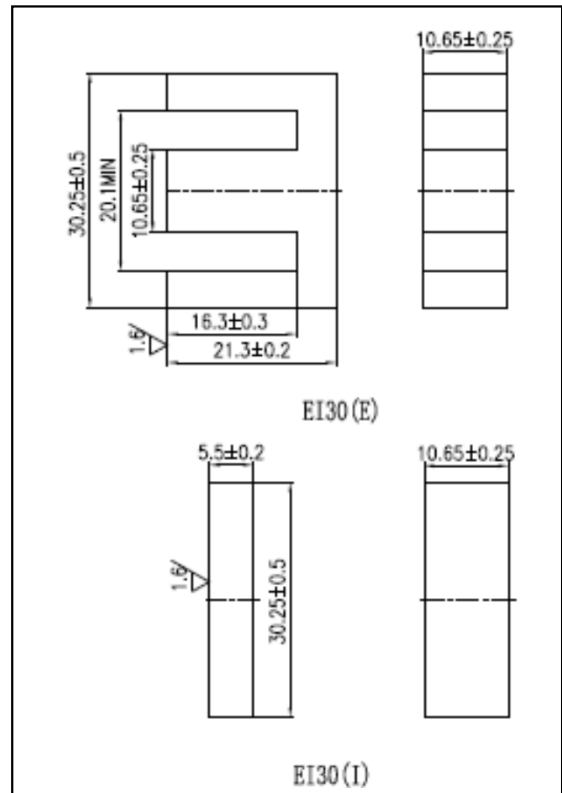


CORE SETS

Effective core parameters

| SYMBOL | PARAMETER | VALUE | UNIT |
|----------------|-----------------------|----------------|------------------|
| $\Sigma (1/A)$ | core factor (C_1) | 0.54 | mm^{-1} |
| V_e | effective volume | 6387.4 | mm^3 |
| l_e | effective length | 58.6 | mm |
| A_e | effective area | 109.0 | mm^2 |
| A_{\min} | minimum area | 102.8 | mm^2 |
| W_t | mass of core set | ≈ 33.5 | g |



Characteristic

| GRADE | AL (nH/N^2) | B (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 | $3700 \pm 25\%$ | ≥ 315 | ≤ 4.02 |
| DMR44 | $3700 \pm 25\%$ | ≥ 315 | ≤ 3.69 |
| DMR47 | $4200 \pm 25\%$ | ≥ 325 | ≤ 3.19 |
| DMR95 | $5000 \pm 25\%$ | ≥ 315 | ≤ 3.52 |