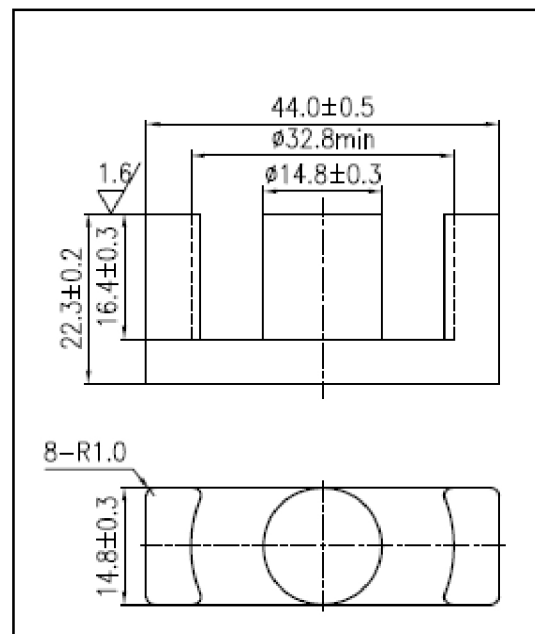


CORE SETS

Effective core parameters

| SYMBOL | PARAMETER | VALUE | UNIT |
|----------------|-----------------------|----------------|------------------|
| $\Sigma (1/A)$ | core factor (C_1) | 0.59 | mm^{-1} |
| V_e | effective volume | 18200.00 | mm^3 |
| l_e | effective length | 104.00 | mm |
| A_e | effective area | 175.00 | mm^2 |
| A_{\min} | minimum area | 172.03 | mm^2 |
| W_t | mass of core set | ≈ 94.0 | g |



Characteristic

| GRADE | AL (nH/N^2) | B (mT) | CORE LOSS (W) |
|-------|-------------------------------|--------------------------------|--------------------------------|
| | f=10kHz U=0.25V | H=250A/m f=25kHz T=100°C | f=100kHz B=200mT T=100°C |
| DMR40 | $3600 \pm 25\%$ | ≥ 320 | ≤ 11.28 |
| DMR44 | $3600 \pm 25\%$ | ≥ 320 | ≤ 10.34 |
| DMR47 | $3700 \pm 25\%$ | ≥ 340 | ≤ 9.40 |
| DMR95 | $5000 \pm 25\%$ | ≥ 340 | ≤ 10.01 |

GAP

| GRADE | GAP (mm) | AL (nH) | μ_e |
|-------|----------|---------------|---------|
| DMR44 | 2.00 | $110 \pm 5\%$ | 50 |
| DMR44 | 1.50 | $140 \pm 5\%$ | 68 |
| DMR44 | 1.00 | $210 \pm 5\%$ | 100 |
| DMR44 | 0.50 | $400 \pm 5\%$ | 188 |
| DMR44 | 0.20 | $920 \pm 5\%$ | 420 |