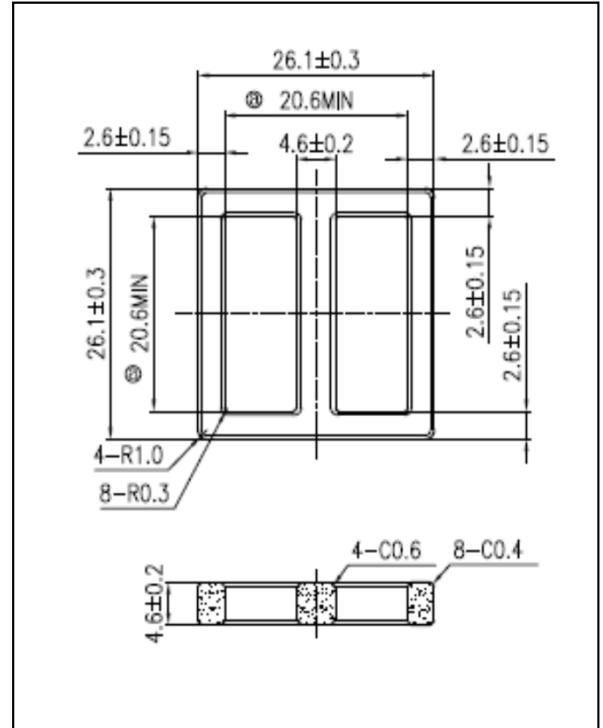


### CORE SETS

#### Effective core parameters

| SYMBOL         | PARAMETER             | VALUE         | UNIT             |
|----------------|-----------------------|---------------|------------------|
| $\Sigma (1/A)$ | core factor ( $C_1$ ) | 2.89          | $\text{mm}^{-1}$ |
| $V_e$          | effective volume      | 1500.24       | $\text{mm}^3$    |
| $l_e$          | effective length      | 65.80         | mm               |
| $A_e$          | effective area        | 22.80         | $\text{mm}^2$    |
| $W_t$          | mass of core set      | $\approx 7.3$ | g                |



### Characteristic

| GRADE | AL ( $\text{nH}/\text{N}^2$ )        | $\mu_i$                              |
|-------|--------------------------------------|--------------------------------------|
|       | $f=10\text{kHz}$<br>$U=0.25\text{V}$ | $f=10\text{kHz}$<br>$U=0.25\text{V}$ |
| R5K   | $1900 \pm 25\%$                      | $\approx 5000$                       |
| R7K   | $2500 \pm 25\%$                      | $\approx 7000$                       |
| R10K  | $3600 \pm 30\%$                      | $\approx 10000$                      |