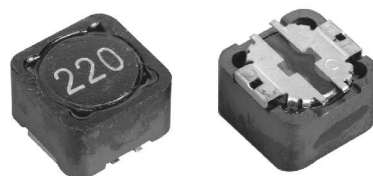


## SCB Series

## SCB 1206 Type

## FEATURES

- ⊙ Magnetically shielded.
- ⊙ Surface mounting type.
- ⊙ High mounting stability.
- ⊙ Large rated current and high inductance.
- ⊙ Use high performance ferrite core.
- ⊙ Density design, small size, low cost.
- ⊙ Low radiation.



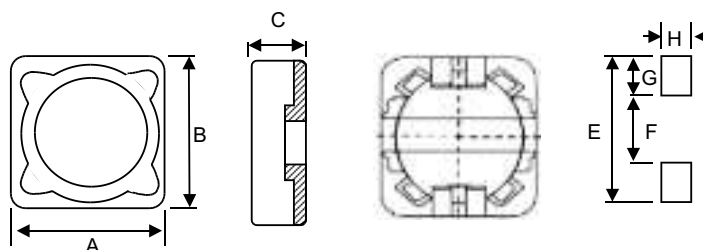
## ELECTRICAL CHARACTERISTICS

- ⊙ Tested at 1.0KHz.
- ⊙ Inductance drop = 10% typ. at rated IDC
- ⊙ Operating temperature range -25°C ~ +85°C

## STANDARD ELECTRICAL SPECIFICATION

| Part number | Inductance<br>[ H ] | Inductance<br>Tolerance | DC Resistance<br>[Ω] (max.) | I.D.C<br>[ A ] (max.) |
|-------------|---------------------|-------------------------|-----------------------------|-----------------------|
| 100         | 10.0                | ±20%                    | 0.029                       | 5.20                  |
| 120         | 12.0                |                         | 0.032                       | 4.80                  |
| 150         | 15.0                |                         | 0.035                       | 4.30                  |
| 180         | 18.0                |                         | 0.040                       | 3.80                  |
| 220         | 22.0                |                         | 0.050                       | 3.30                  |
| 270         | 27.0                |                         | 0.058                       | 3.00                  |
| 330         | 33.0                |                         | 0.060                       | 2.70                  |
| 390         | 39.0                |                         | 0.070                       | 2.40                  |
| 470         | 47.0                |                         | 0.085                       | 2.30                  |
| 560         | 56.0                |                         | 0.097                       | 2.10                  |
| 680         | 68.0                |                         | 0.120                       | 2.00                  |
| 820         | 82.0                |                         | 0.130                       | 1.90                  |
| 101         | 100.0               |                         | 0.165                       | 1.70                  |
| 121         | 120.0               |                         | 0.180                       | 1.50                  |
| 151         | 150.0               |                         | 0.250                       | 1.30                  |
| 181         | 180.0               |                         | 0.300                       | 1.20                  |
| 221         | 220.0               |                         | 0.400                       | 1.00                  |
| 271         | 270.0               |                         | 0.450                       | 0.95                  |
| 331         | 330.0               |                         | 0.530                       | 0.85                  |
| 391         | 390.0               |                         | 0.600                       | 0.75                  |
| 471         | 470.0               |                         | 0.800                       | 0.70                  |
| 561         | 560.0               |                         | 0.900                       | 0.65                  |
| 681         | 680.0               |                         | 1.300                       | 0.60                  |
| 821         | 820.0               |                         | 1.900                       | 0.55                  |
| 102         | 1000.0              |                         | 2.400                       | 0.45                  |

## CONSTRUCTION



Land pattern

## DIMENSIONS : mm

| A        | B        | C        | E    | F   | G   | H   |
|----------|----------|----------|------|-----|-----|-----|
| 12.0±0.5 | 12.0±0.5 | 7.0 max. | 12.8 | 7.6 | 2.9 | 5.0 |