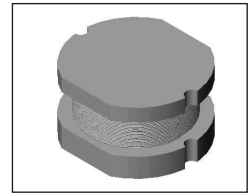


# SMT Power Inductor

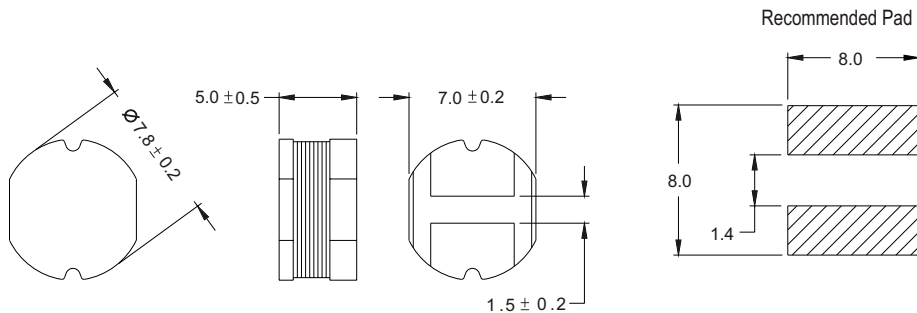
## CD75 Type

### Features

- Low profile (5.5mm max. height) SMD type.
- Unshielded.
- Self-leads, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.

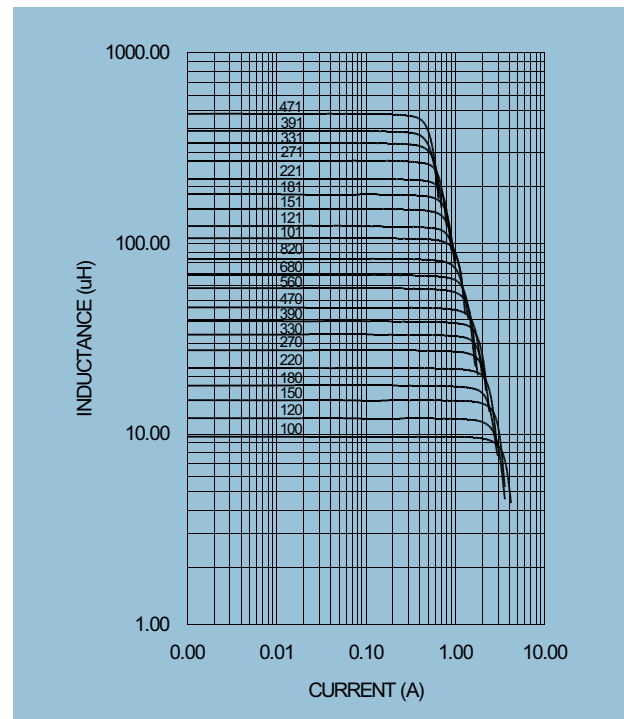


### Mechanical Dimension: Unit: mm



### Electrical Characteristics:

| PART NO.   | L★<br>(uH) | DCR<br>(Ω) MAX | I <sub>RATED</sub> ★★<br>(Adc) |
|------------|------------|----------------|--------------------------------|
| CD75 - 100 | 10         | 0.07           | 2.3                            |
| CD75 - 120 | 12         | 0.08           | 2.0                            |
| CD75- 150  | 15         | 0.09           | 1.8                            |
| CD75- 180  | 18         | 0.10           | 1.6                            |
| CD75 - 220 | 22         | 0.11           | 1.5                            |
| CD75 - 270 | 27         | 0.12           | 1.4                            |
| CD75 - 330 | 33         | 0.13           | 1.3                            |
| CD75 - 390 | 39         | 0.16           | 1.2                            |
| CD75 - 470 | 47         | 0.18           | 1.1                            |
| CD75 - 560 | 56         | 0.24           | 0.94                           |
| CD75 - 680 | 68         | 0.28           | 0.85                           |
| CD75 - 820 | 82         | 0.37           | 0.78                           |
| CD75 - 101 | 100        | 0.43           | 0.72                           |
| CD75 - 121 | 120        | 0.47           | 0.66                           |
| CD75- 151  | 150        | 0.64           | 0.58                           |
| CD75 - 181 | 180        | 0.71           | 0.51                           |
| CD75 - 221 | 220        | 0.96           | 0.49                           |
| CD75 - 271 | 270        | 1.11           | 0.42                           |
| CD75 - 331 | 330        | 1.26           | 0.40                           |
| CD75- 391  | 390        | 1.77           | 0.36                           |
| CD75 - 471 | 470        | 1.96           | 0.34                           |



★ Tolerance of inductance  
10~470uH±10%

★★ I<sub>RATED</sub>: rated current. ΔL<10%, ΔT<45°C at I<sub>RATED</sub>

★★★ Operating temperature: -20°C to 105°C (including self-temperature rise)

★★★★ Test condition at 25°C: 1KHz, 1V



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