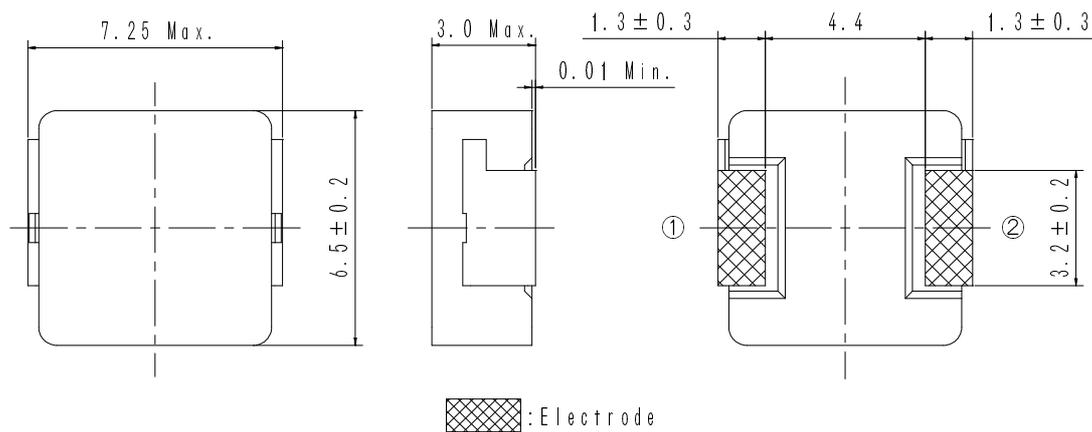
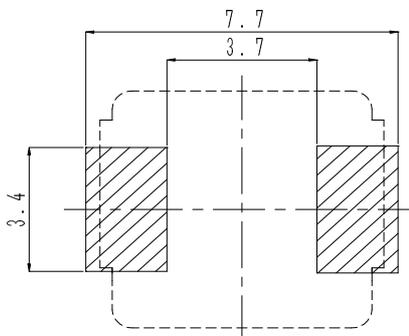
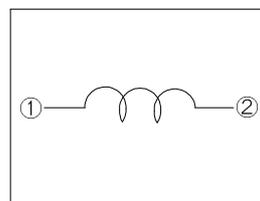


Type: CDMC6D28
◆ Product Description

- 7.25×6.70mm Max. (L×W), 3.0mm Max. Height.
- Inductance range: 0.2~4.7 μ H.
- Rated current range: 3.7~17.4A .
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Metal powder molded type, super high current inductors.
- High current inductor for Server, Notebook PC ,CPU etc as DC-DC Converter inductors.
- RoHS compliance.

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Schematics (Bottom)


Type: CDMC6D28
◆ Specification

| Part Name ※ | Stamp | Inductance (μ H) at 1MHz | D.C.R.(m Ω) Max.(Typ.) (at 20°C) | Saturation Current (at 20°C) (A) ※1 | Temperature Rise Current (A) ※2 |
|------------------|-------|-------------------------------------|--|---|---------------------------------------|
| CDMC6D28NP-R20M□ | R20 | 0.20 \pm 20% | 2.5 (2.1) | 21.7 (27.2) | 17.4 (19.8) |
| CDMC6D28NP-R30M□ | R30 | 0.30 \pm 20% | 3.2 (2.7) | 15.4 (19.3) | 16.1 (18.2) |
| CDMC6D28NP-R47M□ | R47 | 0.47 \pm 20% | 4.2 (3.5) | 13.6 (17.0) | 14.0 (15.9) |
| CDMC6D28NP-R68M□ | R68 | 0.68 \pm 20% | 5.4 (4.5) | 11.3 (14.2) | 12.1 (13.7) |
| CDMC6D28NP-1R0M□ | 1R0 | 1.0 \pm 20% | 8.8 (7.3) | 8.8 (11.0) | 9.5 (10.8) |
| CDMC6D28NP-1R5M□ | 1R5 | 1.5 \pm 20% | 12.5 (10.4) | 7.3 (9.2) | 7.6 (8.6) |
| CDMC6D28NP-2R2M□ | 2R2 | 2.2 \pm 20% | 19.3 (16.1) | 6.0 (7.6) | 6.0 (6.8) |
| CDMC6D28NP-3R3M□ | 3R3 | 3.3 \pm 20% | 30.6 (25.5) | 5.0 (6.3) | 4.9 (5.5) |
| CDMC6D28NP-4R7M□ | 4R7 | 4.7 \pm 20% | 46.4 (38.7) | 4.3 (5.4) | 3.7 (4.2) |

※ Description of part name

CDMC6D28NP-R20M□

- B Box
- C Carrier Tape

※1. Saturation current: The DC current at which the inductance decreases to 80% of its nominal value.

※2. The temperature rise current: The DC current at which the temperature rise is $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).