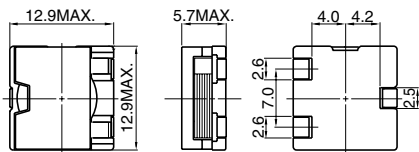
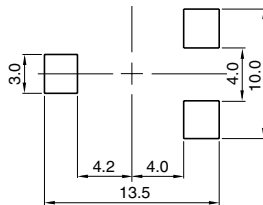


**SHIELDED TYPE**

# CEP125

**Outline**

By using the square wire, power inductors can be used for strong currents with low profile and low resistance.

**Dimensions (mm)**

**LAND PATTERNS(mm)**

**CONNECTION**

**CONSTRUCTION**


(0.3μH – 10μH)

(BOTTOM VIEW)

**◆ TYPE CEP125**

| Parts No. | Inductance | D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A) | Parts No. | Inductance | D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A) |
|-----------|------------|--|-----------|------------|--|
| 0R3       | 0.3μH      |  | 2R5       | 2.5μH      | 3.4 (2.8) / 10.0                                   |
| 0R4       | 0.4μH      |  | 2R7       | 2.7μH      |  |
| 0R6       | 0.66μH     |  | 2R8       | 2.8μH      |  |
| 0R7       | 0.7μH      |  | 3R0       | 3.0μH      |  |
| 0R8       | 0.8μH      |  | 3R2       | 3.2μH      |  |
| 0R9       | 0.9μH      |  | 3R6       | 3.6μH      |  |
| 1R0       | 1.0μH      |  | 4R0       | 4.0μH      | 5.4 (4.5) / 8.3                                    |
| 1R2       | 1.2μH      |  | 4R3       | 4.3μH      |  |
| 1R3       | 1.3μH      |  | 4R8       | 4.8μH      |  |
| 1R4       | 1.4μH      |  | 5R6       | 5.6μH      |  |
| 1R5       | 1.5μH      | 2.5 (2.1) / 14.0                                   | 6R0       | 6.0μH      | 8.0 (6.6) / 6.7                                    |
| 1R6       | 1.6μH      |  | 6R4       | 6.4μH      |  |
| 1R7       | 1.7μH      |  | 7R2       | 7.2μH      |  |
| 1R8       | 1.8μH      |  | 8R0       | 8.0μH      |  |
| 2R1       | 2.1μH      |  | 8R2       | 8.2μH      | 11.4 (9.5) / 5.8                                   |
| 2R2       | 2.2μH      |  | 100       | 10.0μH     | 13.5 (11.2) / 5.0                                  |
| 2R4       | 2.4μH      |  |           |            |  |

Measuring Freq. (L)

CEP125 100kHz

Tolerance of Inductance

CEP125 ± 20% (M)

Rated D.C. Current

This inductance the value of current when the inductance is over 75% of the nominal value.

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