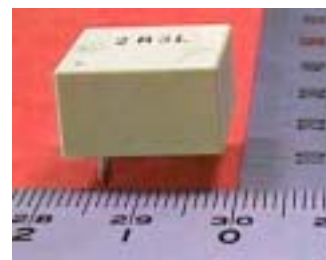
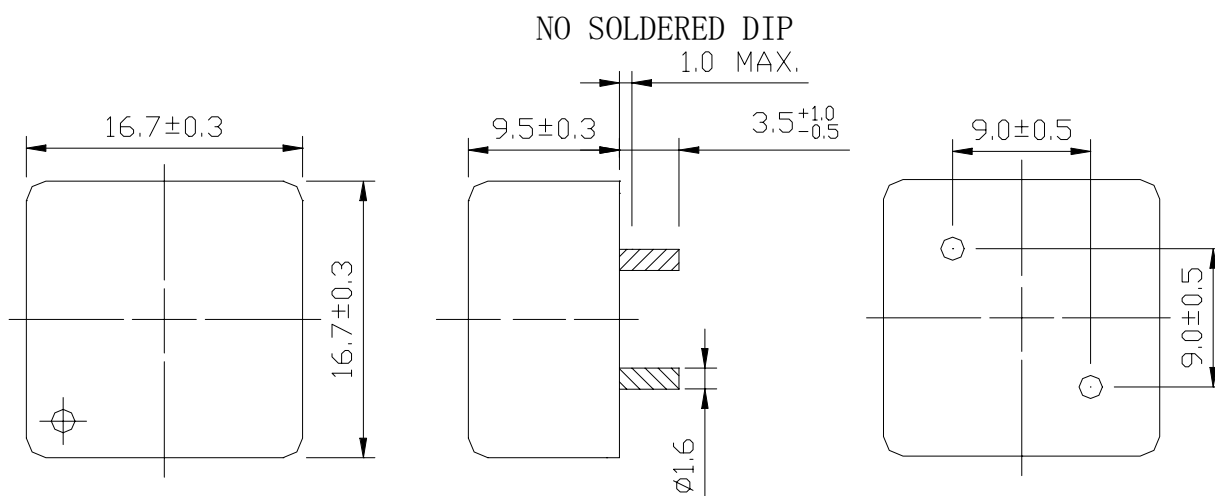


Type: EP169
◆ Product Description

- 17.0×17.0mm Max.(L×W), 9.8mm Max. Height.
- Inductance Range: 0.6~5 μ H
- Rated current range: 5.5~20.0A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


◆ Feature

- High Current Inductors
- Ideally used in PC for CPU power supply as DC-DC Converter inductors.
- RoHS Compliance

◆ Dimensions (mm)


Type: EP169
◆ Specification

| Part Name | Stamp | Inductance [within] (at 100kHz) | D.C.R. (mΩ) [Max.] [TYP] (at 20°C) | Rated Current (A) ※1 |
|--------------|-------|---------------------------------------|--|----------------------------|
| EP169NP-ØR9 | 0R9 | 0.9 μ H \pm 25% | 0.84 (0.7) | 18.0 |
| EP169NP-1R7 | 1R7 | 1.7 μ H \pm 25% | 1.08 (0.9) | 13.0 |
| EP169NP-2R6 | 2R6 | 2.6 μ H \pm 25% | 1.32 (1.1) | 10.5 |
| EP169NP-3R7 | 3R7 | 3.7 μ H \pm 25% | 1.56 (1.3) | 8.5 |
| EP169NP-1R3L | 1R3L | 1.3 μ H \pm 25% | 0.84 (0.7) | 12.0 |
| EP169NP-2R3L | 2R3L | 2.3 μ H \pm 25% | 1.08 (0.9) | 8.5 |
| EP169NP-3R5L | 3R5L | 3.5 μ H \pm 25% | 1.32 (1.1) | 7.5 |
| EP169NP-5RØL | 5R0L | 5.0 μ H \pm 25% | 1.56 (1.3) | 5.5 |
| EP169NP-ØR6I | 0R6I | 0.6 μ H \pm 25% | 0.84 (0.7) | 20 |
| EP169NP-1R1I | 1R1I | 1.1 μ H \pm 25% | 1.08 (0.9) | 20 |
| EP169NP-1R8I | 1R8I | 1.8 μ H \pm 25% | 1.32 (1.1) | 17 |
| EP169NP-2R5I | 2R5I | 2.5 μ H \pm 25% | 1.56 (1.3) | 14 |

※1. Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower ($T_a=20^{\circ}\text{C}$).