

CHIP POWER INDUCTORS

CPI3216SHL Series

❖ Features

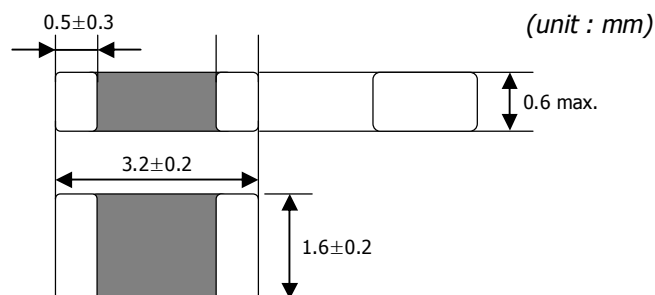
- Small size (3.2mm x 1.6 mm, 0.6 mm height)
- Large rated current (1.0A @ 2.2uH)
- Magnetically shielded
- High efficiency (Inductive Energy)
- Fast mounting speed
- RoHS compliant

❖ Applications

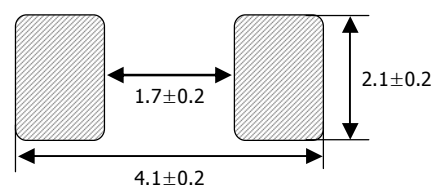
- DC-DC converter circuits for mobile equipment

❖ Characteristics

❖ Dimensions & Land pattern

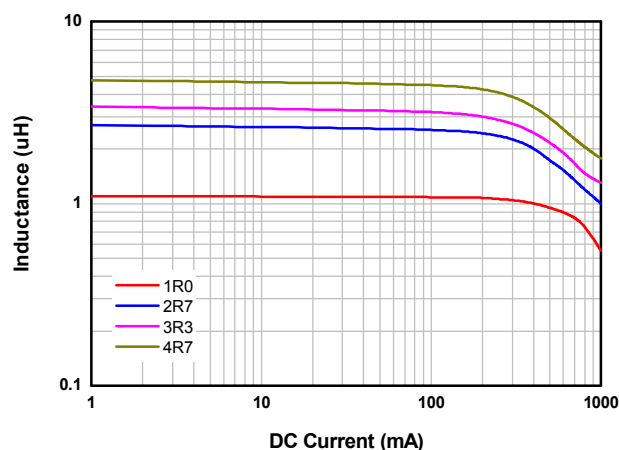


Recommend land pattern

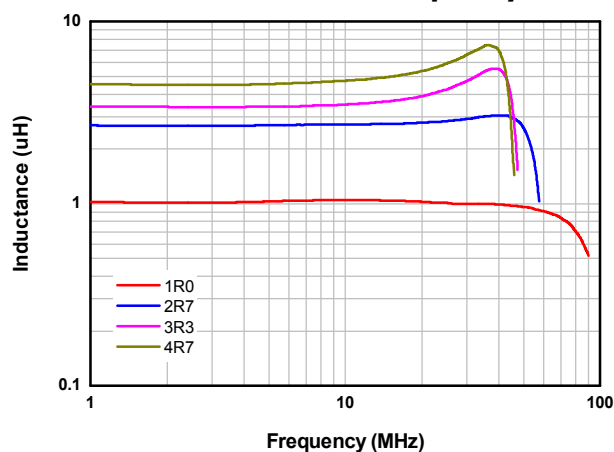


| Part Number | Inductance at 1 MHz | | DC Resistance | | Rated Current (A) $\Delta T=40\text{deg.C}$ |
|-----------------|---------------------|------------|---------------|------------|--|
| | (μH) | Tolerance | (Ω) | Tolerance | |
| CPI3216SHL1R0ME | 1.0 | $\pm 20\%$ | 0.18 | $\pm 30\%$ | 1.1 |
| CPI3216SHL2R7ME | 2.7 | | 0.20 | | 1.0 |
| CPI3216SHL3R3ME | 3.3 | | 0.25 | | 0.9 |
| CPI3216SHL4R7ME | 4.7 | | 0.35 | | 0.7 |

Inductance vs. DC Current



Inductance vs. Frequency



This description in the this catalogue is subject to change without notice