

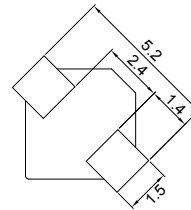
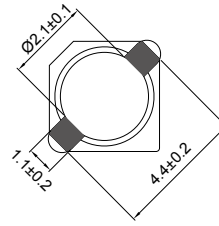
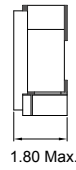
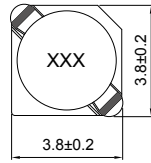
CSS0316P Series (SHIELDED)

■ SMD Wire Wound Power Inductors

MECHANICAL DIMENSIONS



CSS0316P



Recommended Patterns

unit: mm

ELECTRICAL SPECIFICATION

| Part Number | Marking | Inductance (μH) | Test Freq. (KHz) | DCR (mΩ) Max. | Rated Current (mA) |
|-------------------|---------|-----------------|------------------|---------------|--------------------|
| CSS0316P-1R5N-LRH | 1R5 | 1.5 | 100 | 52 | 1550 |
| CSS0316P-2R2N-LRH | 2R2 | 2.2 | 100 | 72 | 1200 |
| CSS0316P-3R3N-LRH | 3R3 | 3.3 | 100 | 85 | 1100 |
| CSS0316P-4R7N-LRH | 4R7 | 4.7 | 100 | 105 | 900 |
| CSS0316P-6R8N-LRH | 6R8 | 6.8 | 100 | 170 | 730 |
| CSS0316P-100N-LRH | 100 | 10.0 | 100 | 210 | 550 |
| CSS0316P-150N-LRH | 150 | 15.0 | 100 | 295 | 450 |
| CSS0316P-220N-LRH | 220 | 22.0 | 100 | 430 | 400 |
| CSS0316P-330N-LRH | 330 | 33.0 | 100 | 675 | 320 |

- Tolerance: N=±30% ; M=±20% ; L=±15%
- Operating Temperature Range: -30°C to +100°C (Including self-generated heat)
- Inductance measured using the HP4284A ; Chroma3302+1320
- DCR measured using the 16502 milli-ohm meter
- Inductance drop no more than 35% of initial value at Isat, temperature rises Δ t<40°C at rated current.
- Storage Temperature Range: -40°C to +85°C

CHARACTERISTIC CURVE

CSS0316P Series

