

OWIRH127-1R5

SMD power inductor



Description

Metal base, 2pins

Features

RoHS, Halogen Free and REACH Compliance
 Shielded power inductor
 Various package sizes
 Wide inductance range

Applications

Power supply for VTR, OA equipment
 LCD television, notebook PC
 Portable communication equipment
 DC/DC converters, etc.

General Specifications

| | |
|--|-------------------------------------|
| Test Voltage | 0.25V |
| Parameters Test Temp | 25°C |
| Operation Temp (Including temperature Rise) | -40°C to +125°C |
| Storage Temp | 0~40°C |
| Storage Humidity | <70% RH |
| Resistance to Soldering Heat | 260°C for 10 sec |
| Rated Current | L drops off 35% typ at Isat |
| Temperature Rise | 40°C typ. at I_{rms} |

| Inductance [μ H] | Ltol. | Test freq. | DCR [$m\Omega$] | Isat [A] | I _{rms} [A] | I _{rated} [mA] | I _{dc max} [mA] | Q (min) | SRF[MHz] |
|-----------------------|------------|------------|-------------------|----------|----------------------|-------------------------|--------------------------|---------|----------|
| 1.50 | K, L, M, N | 100 kHz | 8.00 | 12.00 | | | | | |

When ordering please specify tolerance code Tolerance: K=±10%, L=±15%, M=±20%, N=±30%

Shape and dimensions [mm]

| A | B | C | D | E | F | G | H | I | J | Shape |
|-------|-------|------|-----|-----|---|---|-----|-----|-----|--------|
| 12.50 | 12.50 | 8.00 | 5 | 7.6 | | | 5.4 | 3 | 7 | Fig. 2 |
| Max | Max | Max | Ref | Ref | | | Ref | Ref | Ref | |

