

Datasheet

RS Pro WL03 Series Wire-wound SMD Inductor with a Ceramic Core, 27 nH $\pm 5\%$ Wire-Wound 600mA Idc Q:40

RS Stock No: 763-1314



Product Details

RS Pro SMD inductor offers an inductance of 27 nH by withstanding DC current up to 600 mA. This wire-wound, ultra compact inductor has a ceramic core. It features high self-resonant frequency, high Q factors and high current capabilities. The inductor is suitable for use with RF products, broadband and IT applications.

Features and Benefits

- Ceramic core
- Ultra compact
- High self-resonant frequency
- High Q factors
- High current capabilities

**Specifications:**

| | |
|---------------------------------|----------------------|
| Core Material | Ceramic |
| Inductor Construction | Wire Wound |
| Depth | 1.12 mm |
| Dimensions | 1.8 x 1.12 x 1.02 mm |
| Height | 1.02 mm |
| Length | 1.8 mm |
| Maximum DC Current | 600 mA |
| Maximum DC Resistance | 220 mΩ |
| Maximum Operating Temperature | +125°C |
| Maximum Self Resonant Frequency | 2800 MHz |
| Minimum Operating Temperature | -40°C |
| Minimum Quality Factor | 40 |
| Tolerance | ±5% |
| Inductance | 27 nH |
| Package/Case | 0603 |
| Package Type | Reel |