

Datasheet

RS Pro NPIS53D Series Shielded Wire-wound SMD Inductor 12 μ H \pm 20% Wire-Wound 1.2A Idc

RS Stock No: 741-9149



Product Details

RS Pro shielded wire-wound SMD inductor offers inductance of 12 μ H and withstands DC current up to 1.2 A. This shielded inductor works with DC-DC converters.

Features and Benefits

- Magnetically shielded which results in a low leakage field
- High saturation current
- High reflow temperature compatible
- Suitable applications DC/DC convertors

**Specifications:**

Inductor Construction	Wire Wound
Shielded	Yes
Depth	5.7 mm
Dimensions	5.7 x 5.7 x 2.8 mm
Height	2.8 mm
Length	5.7 mm
Maximum DC Current	1.2 A
Maximum DC Resistance	76 mΩ
Maximum Operating Temperature	+125°C
Minimum Operating Temperature	-55°C
Tolerance	±20%
Inductance	12 μH
Package/Case	53
Package Type	Tape & Reel