

Datasheet

RS Pro NPI54C Series Wire-wound SMD Inductor 10 μ H $\pm$ 20% Wire-Wound 1.8A Idc

RS Stock No: **740-9564**



Product Details

RS Pro wire-wound SMD inductor offers inductance of 10 μ H and withstands DC current up to 1.8 A. It works with DC-DC converters and DC-AC inverters. This compact filter is suitable for both flow and reflow soldering.

Features and Benefits

- High current, small size (up to 4 amps)
- Surface mountable construction
- High inductance (up to 680 μ H)
- Suitable for use in DC/DC converters, DC/AC inverters
- Lead free compatible

Specifications:

Inductor Construction	Wire Wound
Shielded	No
Depth	5.2 mm
Dimensions	5.8 x 5.2 x 4.5 mm
Height	4.5 mm
Length	5.8 mm
Maximum DC Current	1.8 A
Maximum DC Resistance	90 mΩ
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	10 μH
Package/Case	54
Package Type	Tape & Reel