

Datasheet

RS Pro NPI54C Series Wire-wound SMD Inductor 5.6 μH $\pm 20\%$ Wire-Wound 2.4A Idc

RS Stock No: 740-9558



Product Details

RS Pro wire-wound SMD inductor offers inductance of 5.6 μH and withstands DC current up to 2.4 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 μh)
- 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	2.4 A
Maximum DC Resistance	70 mΩ
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	5.6 μH
Package/Case	54
Package Type	Tape & Reel