

Datasheet

RS Pro NPI54C Series Wire-wound SMD Inductor 180 μ H \pm 10% Wire-Wound 500mA Idc

RS Stock No: 740-9615



Product Details

RS Pro wire-wound SMD inductor offers inductance of 180 μ H and withstands DC current up to 500 mA. 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	500 mA
Maximum DC Resistance	1.1 Ω
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	$\pm 10\%$
Inductance	180 μH
Package/Case	54
Package Type	Tape & Reel