

Datasheet

RS Pro NPI54C Series Wire-wound SMD Inductor 47 μ H \pm 10% Wire-Wound 850mA Idc

RS Stock No: 740-9599



Product Details

RS Pro wire-wound SMD inductor offers inductance of 47 μ H and withstands DC current up to 850 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	850 mA
Maximum DC Resistance	350 mΩ
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	±10%
Inductance	47 μH
Package/Case	54
Package Type	Tape & Reel