

Datasheet

RS Pro NPI75C Series Wire-wound SMD Inductor 47 μH $\pm 10\%$ Wire-Wound 1.1A Idc

RS Stock No: 740-9669



Product Details

RS Pro wire-wound SMD inductor offers inductance of 47 μH and withstands DC current up to 1.1 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	7 mm
Dimensions	7.8 x 7 x 5 mm
Height	5 mm
Length	7.8 mm
Maximum DC Current	1.1 A
Maximum DC Resistance	180 mΩ
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	±10%
Inductance	47 μH
Package/Case	75
Package Type	Tape & Reel