

Datasheet

## RS Pro NPI52W Series Wire-wound SMD Inductor 47 $\mu$ H $\pm$ 20% Wire-Wound 4.5A Idc

RS Stock No: 740-9495



### Product Details

RS Pro wire-wound SMD inductor offers inductance of 47  $\mu$ H and withstands DC current up to 4.5 A. It works with DC-DC converters. This compact filter is suitable for both flow and reflow soldering.

### Features and Benefits

- High current (up to 8.6 Amps)
- Compact design
- Surface mountable construction
- High inductance (up to 1000  $\mu$ h)

**Specifications:**

Inductor Construction	Wire Wound
Shielded	No
Depth	15 mm
Dimensions	18.4 x 15 x 7 mm
Height	7 mm
Length	18.4 mm
Maximum DC Current	4.5 A
Maximum DC Resistance	86 mΩ
Maximum Operating Temperature	+85°C
Maximum Self Resonant Frequency	9 MHz
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	47 μH
Package/Case	52
Package Type	Tape & Reel