

Datasheet

**RS Pro NPI52W Series Wire-wound SMD Inductor 470 μ H
 \pm 20% Wire-Wound 1.4A Idc
RS Stock No: 740-9518**



Product Details

RS Pro wire-wound SMD inductor offers inductance of 470 μ H and withstands DC current up to 1.4 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 μ 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	1.4 A
Maximum DC Resistance	850 mΩ
Maximum Operating Temperature	+85°C
Maximum Self Resonant Frequency	2.7 MHz
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	470 μH
Package/Case	52
Package Type	Tape & Reel