

Datasheet

RS Pro NPI52W Series Wire-wound SMD Inductor 100 μ H \pm 20% Wire-Wound 3A Idc

RS Stock No: 740-9508



Product Details

RS Pro wire-wound SMD inductor offers inductance of 100 μ H and withstands DC current up to 3 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	3 A
Maximum DC Resistance	190 mΩ
Maximum Operating Temperature	+85°C
Maximum Self Resonant Frequency	5.7 MHz
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	100 μH
Package/Case	52
Package Type	Tape & Reel