

Datasheet

RS Pro NPI31W Series Wire-wound SMD Inductor 4.7 μ H \pm 20% Wire-Wound 5.2A Idc

RS Stock No: 740-9306



Product Details

RS Pro wire-wound SMD inductor offers inductance of 4.7 μ H and withstands DC current up to 5.2 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	9.3 mm
Dimensions	12.8 x 9.3 x 5 mm
Height	5 mm
Length	12.8 mm
Maximum DC Current	4.8 A
Maximum DC Resistance	18 mΩ
Maximum Operating Temperature	+85°C
Maximum Self Resonant Frequency	45 MHz
Minimum Operating Temperature	-40°C
Tolerance	±20%
Inductance	4.7 μH
Package/Case	31
Package Type	Tape & Reel