

Datasheet

## RS Pro NPI52W Series Wire-wound SMD Inductor 680 $\mu$ H $\pm$ 20% Wire-Wound 1.2A Idc

RS Stock No: 740-9527



### Product Details

RS Pro wire-wound SMD inductor offers inductance of 680  $\mu$ H and withstands DC current up to 1.2 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  $\mu$ 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	1.2 A
Maximum DC Resistance	1.1 $\Omega$
Maximum Operating Temperature	+85°C
Maximum Self Resonant Frequency	2.2 MHz
Minimum Operating Temperature	-40°C
Tolerance	$\pm 20\%$
Inductance	680 $\mu\text{H}$
Package/Case	52
Package Type	Tape & Reel