

Datasheet

## RS Pro NPI43C Series Wire-wound SMD Inductor 120 $\mu\text{H}$ $\pm 20\%$ Wire-Wound 200mA Idc

RS Stock No: 740-9435



### Product Details

RS Pro wire-wound SMD inductor offers inductance of 120  $\mu\text{H}$  and withstands DC current up to 200 mA. It works with DC-DC converters and DC-AC inverters. This compact filter is suitable for both flow and reflow soldering.

### Features and Benefits

- High current, small size (up to 4 amps)
- Surface mountable construction
- High inductance (up to 680  $\mu\text{H}$ )
- Suitable for use in DC/DC converters, DC/AC inverters
- Lead free compatible

**Specifications:**

Inductor Construction	Wire Wound
Shielded	No
Depth	4 mm
Dimensions	4.5 x 4 x 3.2 mm
Height	3.2 mm
Length	4.5 mm
Maximum DC Current	200 mA
Maximum DC Resistance	1.6 $\Omega$
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	$\pm 20\%$
Inductance	120 $\mu\text{H}$
Package/Case	43
Package Type	Tape & Reel