

Datasheet

## RS Pro NPI43C Series Wire-wound SMD Inductor 470 $\mu$ H $\pm$ 20% Wire-Wound 120mA Idc

RS Stock No: 740-9451



### Product Details

RS Pro wire-wound SMD inductor offers inductance of 470  $\mu$ H and withstands DC current up to 120 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  $\mu$ 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	120 mA
Maximum DC Resistance	6 $\Omega$
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	$\pm 20\%$
Inductance	470 $\mu\text{H}$
Package/Case	43
Package Type	Tape & Reel