

Datasheet

RS Pro NPIM145C Series Shielded Wire-wound SMD Inductor with a Ferrite Core, 4.7 μH $\pm 20\%$ 27A I_{dc}

RS Stock No: **742-3457**



Product Details

RS Pro wire-wound SMD inductor offers inductance of 4.7 μH and withstands DC current up to 27 A. It features a moulded metal composite construction and includes a ferrite core.

Features and Benefits

- Low profile
- Moulded metal composite construction
- High saturation current up to 75 A

**Specifications:**

Core Material	Ferrite
Inductor Construction	Wire Wound
Moulded	Yes
Shielded	Yes
Depth	12.6 mm
Dimensions	13.45 x 12.6 x 4.8 mm
Height	4.8 mm
Length	13.45 mm
Maximum DC Current	27 A
Maximum DC Resistance	15 mΩ
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-55°C
Tolerance	±20%
Inductance	4.7 μH
Package/Case	145C
Package Type	Tape & Reel