

## Datasheet

### **RS Pro Shielded Wire-wound SMD Inductor 47 $\mu$ H $\pm$ 20% Wire-Wound 480mA Idc**

RS Stock No: **741-9098**



## Product Details

RS Pro shielded wire-wound SMD inductor offers inductance of 47  $\mu$ H and withstands DC current up to 480 mA. This shielded inductor works with DC-DC converters.

## Features and Benefits

- Magnetically shielded which results in a low leakage field
- High saturation current
- High reflow temperature compatible
- Suitable applications DC/DC convertors

## Specifications:

|                               |                    |
|-------------------------------|--------------------|
| Inductor Construction         | Wire Wound         |
| Shielded                      | Yes                |
| Depth                         | 4.7 mm             |
| Dimensions                    | 4.7 x 4.7 x 2.8 mm |
| Height                        | 2.8 mm             |
| Length                        | 4.7 mm             |
| Maximum DC Current            | 480 mA             |
| Maximum DC Resistance         | 587 mΩ             |
| Maximum Operating Temperature | +125°C             |
| Minimum Operating Temperature | -55°C              |
| Tolerance                     | ±20%               |
| Inductance                    | 47 μH              |
| Package/Case                  | 43                 |
| Package Type                  | Tape & Reel        |
|                               |                    |