

# SDR1045-150M Datasheet



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DiGi Electronics Part Number	SDR1045-150M-DG
Manufacturer	<a href="#">Bourns Inc.</a>
Manufacturer Product Number	SDR1045-150M
Description	FIXED IND 15UH 2.5A 100 MOHM SMD
Detailed Description	15 $\mu$ H Unshielded Drum Core, Wirewound Inductor 2.5 A 100mOhm Max Nonstandard

This model SDR1045-150M is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

SDR1045-150M

**Series:**

SDR1045

**Type:**

Drum Core, Wirewound

**Inductance:**15  $\mu$ H**Current Rating (Amps):**

2.5 A

**Shielding:**

Unshielded

**Q @ Freq:**

26 @ 2.52MHz

**Ratings:**

-

**Inductance Frequency - Test:**

100 kHz

**Package / Case:**

Nonstandard

**Size / Dimension:**

0.394" L x 0.394" W (10.00mm x 10.00mm)

**Base Product Number:**

SDR1045

**Manufacturer:**

Bourns Inc.

**Product Status:**

Active

**Material - Core:**

Ferrite

**Tolerance:** $\pm$ 20%**Current - Saturation (Isat):**

3A

**DC Resistance (DCR):**

100mOhm Max

**Frequency - Self Resonant:**

23.7MHz

**Operating Temperature:**

-40°C ~ 125°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

-

**Height - Seated (Max):**

0.189" (4.80mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8504.50.4000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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