

# SDR1045-102K Datasheet



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DiGi Electronics Part Number	SDR1045-102K-DG
Manufacturer	<a href="#">Bourns Inc.</a>
Manufacturer Product Number	SDR1045-102K
Description	FIXED IND 1MH 380MA 4.7 OHM SMD
Detailed Description	1 mH Unshielded Drum Core, Wirewound Inductor 380 mA 4.7Ohm Max Nonstandard

This model SDR1045-102K is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

SDR1045-102K

**Series:**

SDR1045

**Type:**

Drum Core, Wirewound

**Inductance:**

1 mH

**Current Rating (Amps):**

380 mA

**Shielding:**

Unshielded

**Q @ Freq:**

25 @ 252kHz

**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:**

±10%

**Current - Saturation (Isat):**

400mA

**DC Resistance (DCR):**

4.70hm Max

**Frequency - Self Resonant:**

2.9MHz

**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:**

8504.50.8000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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