

SDR1045-6R8M Datasheet



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DiGi Electronics Part Number	SDR1045-6R8M-DG
Manufacturer	Bourns Inc.
Manufacturer Product Number	SDR1045-6R8M
Description	FIXED IND 6.8UH 3.5A 40 MOHM SMD
Detailed Description	6.8 μ H Unshielded Drum Core, Wirewound Inductor 3.5 A 40mOhm Max Nonstandard

This model SDR1045-6R8M is available at DiGi Electronics.

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Manufacturer Product Number:

SDR1045-6R8M

Series:

SDR1045

Type:

Drum Core, Wirewound

Inductance:6.8 μ H**Current Rating (Amps):**

3.5 A

Shielding:

Unshielded

Q @ Freq:

22 @ 7.96MHz

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):**

4.2A

DC Resistance (DCR):

40mOhm Max

Frequency - Self Resonant:

35.8MHz

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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