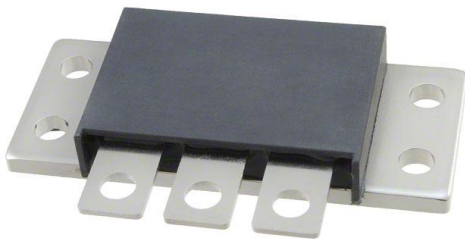


FST10045 Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	FST10045-DG
Manufacturer	GeneSiC Semiconductor
Manufacturer Product Number	FST10045
Description	DIODE MOD SCHOT 45V 100A TO249AB
Detailed Description	Diode Array 1 Pair Common Cathode 45 V 100A Chassis Mount TO-249AB

This model FST10045 is available at DiGi Electronics.

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Manufacturer Product Number:

FST10045

Series:

-

Diode Configuration:

1 Pair Common Cathode

Voltage - DC Reverse (Vr) (Max):

45 V

Voltage - Forward (Vf) (Max) @ If:

650 mV @ 100 A

Current - Reverse Leakage @ Vr:

2 mA @ 20 V

Mounting Type:

Chassis Mount

Supplier Device Package:

TO-249AB

Manufacturer:

GeneSiC Semiconductor

Product Status:

Active

Technology:

Schottky

Current - Average Rectified (Io) (per Diode):

100A

Speed:

Fast Recovery =< 500ns, > 200mA (Io)

Operating Temperature - Junction:

-55°C ~ 150°C

Package / Case:

TO-249AB

Environmental & Export classification

RoHS Status:

RoHS Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.10.0080

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