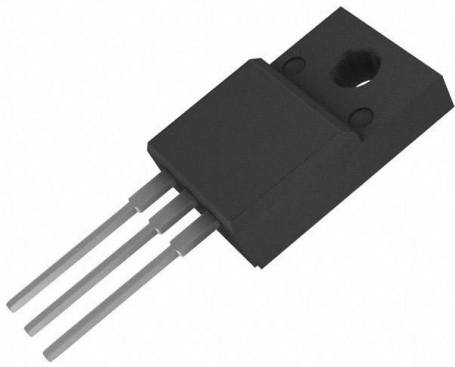


STF2045C Datasheet

www.digi-electronics.com



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	STF2045C-DG
Manufacturer	SMC Diode Solutions
Manufacturer Product Number	STF2045C
Description	DIODE ARR SCHOT 45V 10A ITO220AB
Detailed Description	Diode Array 1 Pair Common Cathode 45 V 10A Through Hole TO-220-3 Full Pack, Isolated Tab

This model STF2045C is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

STF2045C

Series:

-

Diode Configuration:

1 Pair Common Cathode

Voltage - DC Reverse (Vr) (Max):

45 V

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

580 mV @ 10 A

Current - Reverse Leakage @ Vr:

2 mA @ 45 V

Mounting Type:

Through Hole

Supplier Device Package:

ITO-220AB

Manufacturer:

SMC Diode Solutions

Product Status:

Active

Technology:

Schottky

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

10A

Speed:

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

Operating Temperature - Junction:

-55°C ~ 150°C

Package / Case:

TO-220-3 Full Pack, Isolated Tab

Base Product Number:

STF2045

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Affected

HTSUS:

8541.10.0080

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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