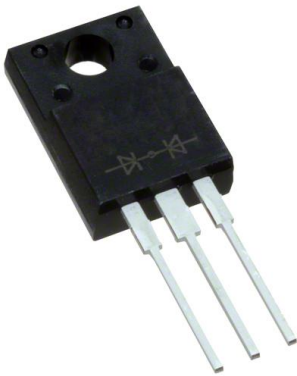


MBRF1590CTHC0G Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	MBRF1590CTHC0G-DG
Manufacturer	Taiwan Semiconductor Corporation
Manufacturer Product Number	MBRF1590CTHC0G
Description	DIODE ARR SCHOT 90V 15A ITO220AB
Detailed Description	Diode Array 1 Pair Common Cathode 90 V 15A Through Hole TO-220-3 Full Pack, Isolated Tab

This model MBRF1590CTHC0G is available at DiGi Electronics.

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Manufacturer Product Number:

MBRF1590CTHC0G

Series:

-

Diode Configuration:

1 Pair Common Cathode

Voltage - DC Reverse (Vr) (Max):

90 V

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

920 mV @ 7.5 A

Current - Reverse Leakage @ Vr:

100 μ A @ 90 V

Grade:

Automotive

Mounting Type:

Through Hole

Supplier Device Package:

ITO-220AB

Manufacturer:

Taiwan Semiconductor Corporation

Product Status:

Active

Technology:

Schottky

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

15A

Speed:

Fast Recovery \leq 500ns, $>$ 200mA (Io)

Operating Temperature - Junction:

-55°C ~ 150°C

Qualification:

AEC-Q101

Package / Case:

TO-220-3 Full Pack, Isolated Tab

Base Product Number:

MBRF1590

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.10.0080

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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