



Product Overview

MBR745: Schottky Barrier Rectifier, 7.5 A, 45 V

For complete documentation, see the data sheet

Product Description

This Schottky Rectifier uses the Schottky Barrier principle with a platinum barrier metal.

Features

- Guardring for Stress Protection
- Low Forward Voltage
- 150 C Operating Junction Temperature
- Epoxy Meets UL94, VO at 1/8"

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.9 grams (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead Temperature for Soldering Purposes: 260 °C Max. for 10 Seconds
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
MBR745G	Pb-free	Active	Single	45	0.84	10	7.5	150			TO-220-2

For more information please contact your local sales support at www.onsemi.com

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