



Product Overview

MBRB1545CT: Schottky Power Rectifier, Switch-mode, 15 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

- Center-Tap Configuration
- Guardring for Stress Protection
- Low Forward Voltage
- 150 C Operating Junction Temperature
- Epoxy Meets UL94, VO at 1/8"
- Guaranteed Reverse Avalanche
- Short Heat Sink Tab Manufactured Not Sheared!
- Similar in Size to the Industry Standard TO-220 Package

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.7 grams (approximately)

Part Electrical Specifications

Product	Compliance	Status	Configurat ion	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
MBRB1545CTG	Pb-free Halide free	Active	Common Cathode	45	0.84	100	15	150	-	-	D ² PAK-3
MBRB1545CTT4G	Pb-free Halide free	Active	Common Cathode	45	0.84	100	15	150	-	-	D ² PAK-3
SBRB1545CTG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	45	0.84	100	15	150	-	-	D ² PAK-3
SBRB1545CTT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	45	0.84	100	15	150	-	-	D ² PAK-3

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

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