



Product Overview

MBRB3030CT: Schottky Barrier Rectifier, 30 V, 30 A

For complete documentation, see the data sheet

Product Description

The Schottky Rectifier uses the Schottky Barrier principle with a proprietary barrier metal.

Features

- Guardring for Stress Protection
- Maximum Die Size
- 150 C Operating Junction Temperature
- Short Heat Sink Tab Manufactured - Not Sheared

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.7 grams (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 C Max. for 10 Seconds
- Shipped 50 Units per Plastic Tube
- Available in 24 mm Tape and Reel, 800 Units per 13" Reel by Adding a "T4" Suffix to the Part Number

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
MBRB3030CTG	Pb-free	Active	Common Cathode	30	0.67	600	30	200			D ² PAK-3
	Halide free										
MBRB3030CTT4G	Pb-free	Active	Common Cathode	30	0.67	600	30	200			D ² PAK-3
	Halide free										

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

Created on: 7/11/2015