

## Product Overview

### MBR1545CT: Schottky Barrier Rectifier, 15 A, 45 V

For complete documentation, see the data sheet.

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
- Guaranteed Reverse Avalanche
- 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

For more features, see the data sheet

#### Part Electrical Specifications

| Product    | Pricing (\$/Unit) | Compliance | Status | Configuration  | $V_{RRM}$ Min (V) | $V_F$ Max (V) | $I_{RM}$ Max ( $\mu$ A) | $I_{O(Rec)}$ Max (A) | $I_{FSM}$ Max (A) | $t_r$ Max (ns) | $C_j$ Max (pF) | Package Type |
|------------|-------------------|------------|--------|----------------|-------------------|---------------|-------------------------|----------------------|-------------------|----------------|----------------|--------------|
| MBR1545CTG | 0.2713            | Pb-free    | Active | Common Cathode | 45                | 0.84          | 100                     | 15                   | 150               | -              | -              | TO-220-3     |

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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