

MBR4045WT

Schottky Power Rectifier, Switch-mode, 40 A, 45 V

Product Overview

For complete documentation, see the data sheet.

The Schottky Rectifier employs the use of the Schottky Barrier principle with a platinum barrier metal.

Features

- Dual Diode Construction - Terminals 1 and 3 May Be Connected for Parallel Operation at Full Rating
- 45 Volt Blocking Voltage
- Low Forward Voltage Drop
- Guardring for Stress Protection and High dv/dt Capability (> 10 V/ns)
- 150 C Operating Junction Temperature
- Mechanical Characteristics:
- Case: Epoxy, Molded
- Weight: 4.3 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