

## Product Overview

### MURB1660CT: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 16 A, 600 V

For complete documentation, see the data sheet.

The Ultrafast Rectifier is designed for use in switching power supplies, inverters and as free wheeling diodes.

#### Features

- Package Designed for Power Surface Mount Applications
- Ultrafast 60 Nanosecond Recovery Times
- 175°C Operating Junction Temperature
- Epoxy Meets UL94, V<sub>0</sub> @ 1/8"
- High Temperature Glass Passivated Junction
- High Voltage Capability to 600 V
- Low Leakage Specified @ 150°C Case Temperature
- Short Heat Sink Tab Manufactured - Not Sheared!
- Similar in Size to Industrial Standard TO-220 Package

Mechanical Characteristics:

- Case: Epoxy, Molded

For more features, see the data sheet

#### Part Electrical Specifications

Product	Compliance	Status	Type	I <sub>O(rec)</sub> Max (A)	t <sub>rr</sub> Max (ns)	V <sub>RRM</sub> Max (V)	V <sub>FM</sub> Max (V)	I <sub>FSM</sub> Max (A)	I <sub>R</sub> Max (mA)	Package Type
MURB1660CTG	Pb-free	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	Halide free									
MURB1660CTT4G	Pb-free	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	Halide free									
NRVUB1660CTT4G	AEC Qualified	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	PPAP Capable									
	Pb-free									
	Halide free									

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Created on: 12/14/2018