



Product Overview

MURH840CT: Power Rectifier, Ultra-Fast Recovery, 8 A, 400 V

For complete documentation, see the data sheet

Product Description

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

Features

- Ultrafast 28 Nanosecond Recovery Time
- 175 C Operating Junction Temperature
- Popular TO-220 Package
- Epoxy Meets UL94, V₀ @ 1/8"
- High Temperature Glass Passivated Junction
- High Voltage Capability to 400 Volts
- Low Leakage Specified @ 150 C Case Temperature
- Current Derating @ Both Case and Ambient Temperatures

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.9 grams (approximately)

Part Electrical Specifications

Product	Compliance	Status	Type	I _{O(rec)} Max (A)	t _{rr} Max (ns)	V _{RRM} Max (V)	V _{FM} Max (V)	I _{FSM} Max (A)	I _R Max (mA)	Package Type
MURH840CTG	Pb-free	Active	Ultrafast	8	28	400	2	100	0.5	TO-220-3

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

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