

## MURS120

# Power Rectifier, Ultra-Fast Recovery, 1 A, 200 V

## Product Overview

For complete documentation, see the data sheet.

The Ultrafast Rectifier is ideally suited for high voltage, high frequency rectification or as free wheeling and protection diodes in surface mount applications, where compact size and weight are critical to the system.

### Features

- Small Compact Surface Mountable Package with J-Bend Leads
- Rectangular Package for Automated Handling
- High Temperature Glass Passivated Junction
- Low Forward Voltage Drop (0.71 to 1.05 Volts Max @ 1.0 A, T<sub>J</sub> = 150°C)
- Case: Epoxy, Molded
- Weight: 95 mg (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
- Polarity: Polarity Band Indicates Cathode Lead
- These are PB-Free Packages

For more features, see the data sheet

## Part Electrical Specifications

Product	Pricing (\$/Unit)	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
MURS120T3G	0.0925		Active	Ultrafast	1	35	200	0.875	40	0.002	SMB-2