

## Product Overview

### MRA4003T3: Power Rectifier, Standard Recovery, 1 A, 300 V

For complete documentation, see the data sheet.

The Standard Recovery Rectifier features construction with glass passivation. It is ideally suited for surface mounted automotive applications.

### Features

- Compact Package with J-Bend Leads Ideal for Automated Handling
- Stable, High Temperature, Glass Passivated Junction Mechanical Characteristics:
- Case: Molded Epoxy Epoxy meets UL94, VO at 1/8"
- Weight: 70 mg (Approximately)
- Finish: All External Surfaces are Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260°C Max. for 10 seconds in Solder Bath
- Polarity: Notch and Band in Plastic Body Indicates Cathode Lead
- Available in 12 mm Tape, 5000 Units per 13 inch Reel, Add "T3" Suffix to Part Number
- Marking: MRA4003T3G - R13MRA4004T3G - R14MRA4005T1G - R15MRA4005T3G - R15MRA4006T3G - R16MRA4007T3G - R17
- NRVA Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable

For more features, see the data sheet

### Part Electrical Specifications

Product	Pricing (\$/Unit)	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
MRA4003T3G	0.0292	Pb-free	Active	Standard Recovery	1	-	300	1.1	30	0.01	SMA-2
NRVA4003T3G	0.04	AEC Qualified PPAP Capable Pb-free	Active	Standard Recovery	1	-	300	1.1	30	0.01	SMA-2

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Created on: 4/10/2020