

## Product Overview

### MMSZ3V9: 500 mW 3.9 V $\pm 5\%$ Zener Diode Voltage Regulator

For complete documentation, see the data sheet.

Three complete series of Zener diodes are offered in the convenient, surface mount plastic SOD-123 package. These devices provide a convenient alternative to the leadless 34-package style.

#### Features

- 500 mW Rating on FR-4 or FR-5 Board
- Wide Zener Reverse Voltage Range - 2.4 V to 56 V
- Package Designed for Optimal Automated Board Assembly
- Small Package Size for High Density Applications
- ESD Rating of Class 3 (exceeding 16 kV) per the Human Body Model

##### Mechanical Characteristics:

- CASE: Void-free, transfer-molded, thermosetting plastic case
- FINISH: Corrosion resistant finish, easily solderable
- MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
- POLARITY: Cathode indicated by polarity band
- FLAMMABILITY RATING: UL94 V-0

For more features, see the data sheet

#### Part Electrical Specifications

Product	Compliance	Status	V <sub>Z</sub> Typ (V)	P Max (W)	Package Type
MMSZ3V9T1G	Pb-free	Active	3.9	0.5	SOD-123
	Halide free				
SZMMSZ3V9T1G	AEC Qualified	Active	3.9	0.5	SOD-123
	PPAP Capable				
	Pb-free				
	Halide free				

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