



Product Overview

MMBZ27VCW: Zener Transient Voltage Suppressor, Common Cathode, 40 Watt Peak Power

For complete documentation, see the data sheet

Product Description

The Dual Common Cathode Zener Diode Transient Voltage Suppressor is designed for applications requiring transient overvoltage protection capability. It is intended for use in voltage and ESD sensitive equipment such as computers, printers, business machines, communication systems, medical equipment and other applications. The dual junction common anode design protects two separate lines using only one package. This device is ideal for situations where board space is at a premium.

Features

- SC70 Package Allows Either Two Separate Unidirectional Configurations or a Single Bidirectional Configuration
- Standard Zener Breakdown Voltage Range 27 V
- Peak Power 40 W @ 1.0 ms (Unidirectional)
- ESD Rating Class 3B (>16 kV) per the Human Body Model
- ESD Rating Class C (>400 V) per the Machine Model
- Low Leakage < 5.0 uA
- Flammability Rating UL 94 V0
- This is a PbFree Device

Part Electrical Specifications

Product	Compliance	Status	Dir	V _(BR) Typ (V)	P _{PK} Max (W)	V _{RWM} Max (V)	I _R Max (uA)	V _C Max (V)	Package Type
MMBZ27VCWT1G	AEC Qualified Pb-free Halide free	Active	Unidirectional	27	40	22	0.05	38	SC-70-3 / SOT-323-3
SZMMBZ27VCWT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Unidirectional	27	40	22	0.05	38	SC-70-3 / SOT-323-3

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

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