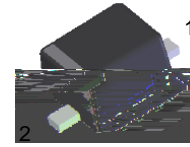


Zene Diode

MM3Z2V4C - MM3Z75VC



SOD-323FL
CASE 477AB

Features

- Wide Zener Voltage Range Selection, 2.4 V to 75 V
- VZ Tolerance Selection of ±5% (C Series)
- Very Small and Thin SMD Package
- Matte Tin(Sn) Finish
- These Devices are Pb Free and are RoHS Compliant

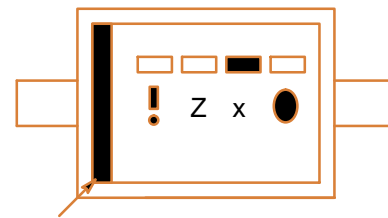
ABSOLUTE MAXIMUM RATINGS (T_A = 25 C unless otherwise noted)

| Symbol | Parameter | Value | Units |
|------------------|---------------------------|------------|-------|
| P _D | Power Dissipation | 200 | mW |
| T _{STG} | Storage Temperature Range | 65 to +150 | C/W |

CONNECTION DIAGRAM



MARKING DIAGRAM



Cathode

- = Calendar Year
- ! = Site Location
- Zx = Specific Device Code
x = 1, 2, 3
- = Payweek

NOTE: Device mounted on PCB with minimum land pad.



ELECTRICAL CHARACTERISTICS

(T_A = 25 C unless otherwise specified)

| Symbol | Parameter | Min | Typ | Max | Units |
|----------------|-----------|-----|-----|-----|-------|
| V _F | | | | | |

ORDERING INFORMATION

| | | |
|-----------------------------|---------------------|---------------------|
| Refer to Product Table List | SOD 323FL (Pb Free) | 3,000 / Tape & Reel |
|-----------------------------|---------------------|---------------------|

†For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.

MM3Z2V4C – MM3Z75VC

ELECTRICAL CHARACTERISTICS ($T_A = 25\text{ C}$ unless otherwise noted)

| Device Type | Device Marking | V_Z (V) @ I_{ZT} | $Z_{ZT}(\Omega)$ @ I_{ZT} | I_{ZT} (mA) | $Z_{ZK}(\Omega)$ @ I_{ZK} | I_{ZK} (mA) | $I_R(\mu$ |
|-------------|----------------|----------------------|-----------------------------|---------------|-----------------------------|---------------|-----------|
|-------------|----------------|----------------------|-----------------------------|---------------|-----------------------------|---------------|-----------|

MM3Z2V4C – MM3Z75VC

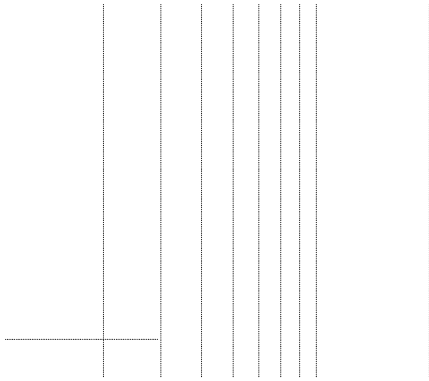


Figure 1. Zener Current vs. Zener Voltage

Figure 2. Zener Current vs. Zener Impedance

Figure 3. MM3Z3V6B
Zener Current vs. Zener Voltage

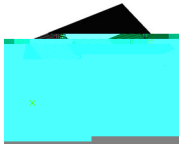
Figure 4. MM3Z6V8B
Zener Current vs. Zener Voltage

Figure 5. MM3Z11VB
Zener Current vs. Zener Voltage

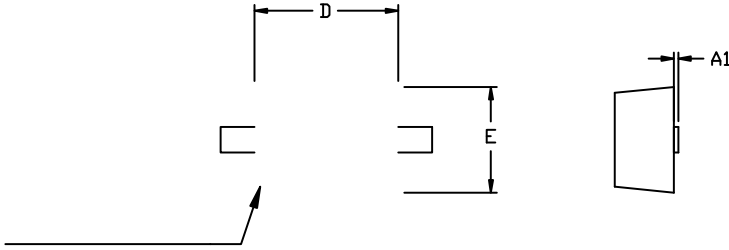
Figure 6. MM3Z24VB
Zener Current vs. Zener Voltage

MM3Z2V4C – MM3Z75VC



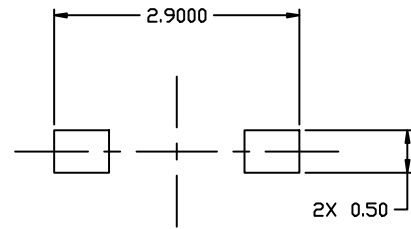
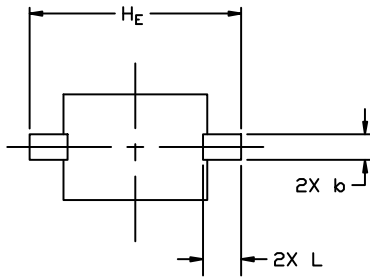
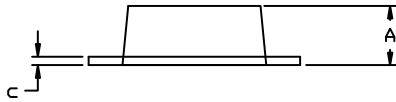


SOD 323FL



1. DIMENSIONING AND TOLERANCING PER ASME
2. CONTROLLING DIMENSION: MILLIMETERS
3. LEAD THICKNESS MARK onsemi
4. DIMENSIONS D AND E DO NOT INCLUDE MOLDS onsemi

| MILLIMETERS | |
|-------------|------|
| DIM | MIN. |
| | 0 |



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