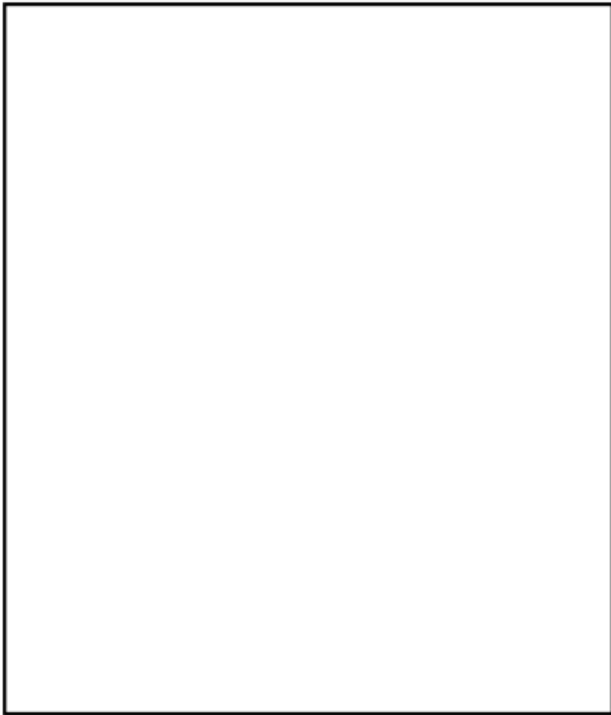


Zener Diodes, 40 Watt Peak Power Dual Common Cathode Zeners



Features

SOT-23 Package Allows Either Two Separate Unidirectional Configurations or a Single Bidirectional Configuration

Peak Power-40W@1.0ms(Unidirectional)

Transient protection for each line according to

IEC61000-4-2(ESD): $\pm 30\text{kV}$ contact, $\pm 30\text{kV}$ air

ESD Rating: Class 3B(16kV)per the HBM

Maximum Clamping Voltage@Peak Pulse Current

RoHS Compliant

Part no. with suffix "Q" means AEC-Q101 qualified

Applications

Test Equipment/Instrumentation

Notebooks / Desktops / Servers

Computer Peripherals

Automotive applications

Mechanical Data

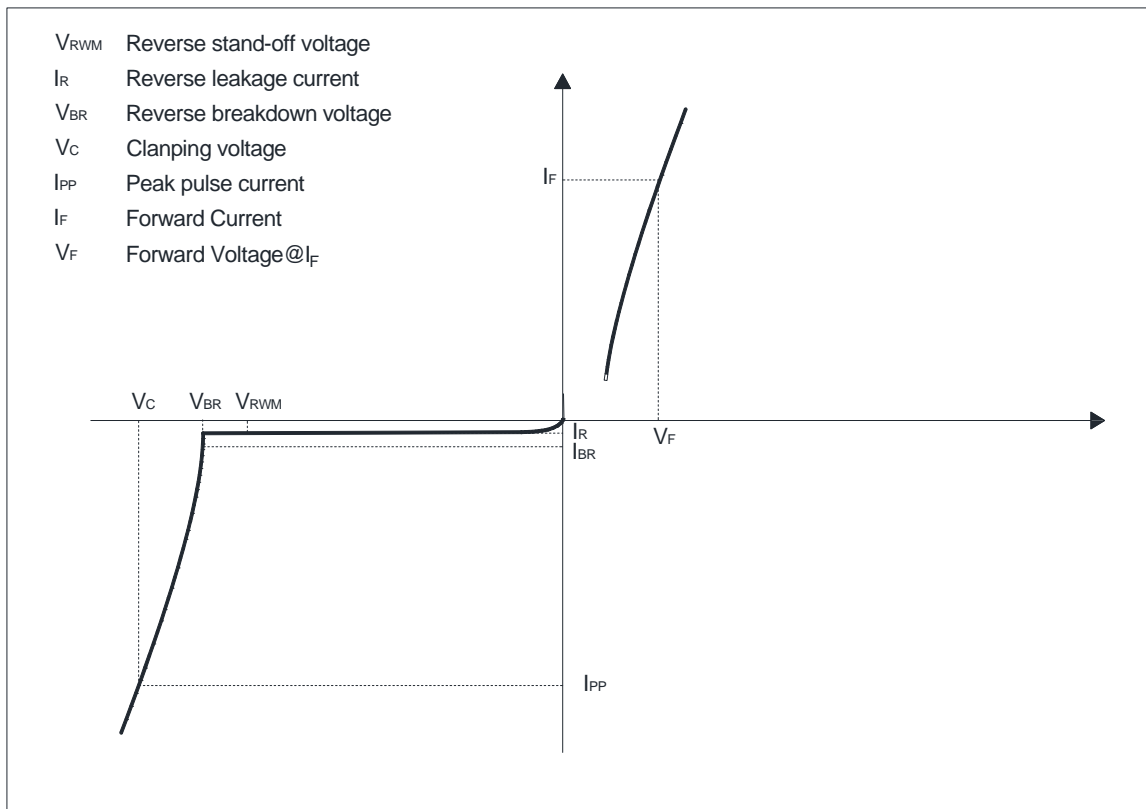
Package: SOT-23

Lead Finish: Matte Tin

Case Material: "Green" Molding Compound

Moisture Sensitivity: Level 1 per J-STD-020

Definitions of electrical characteristics





Characteristics (Typical)

Fig.1: P_D-T_A

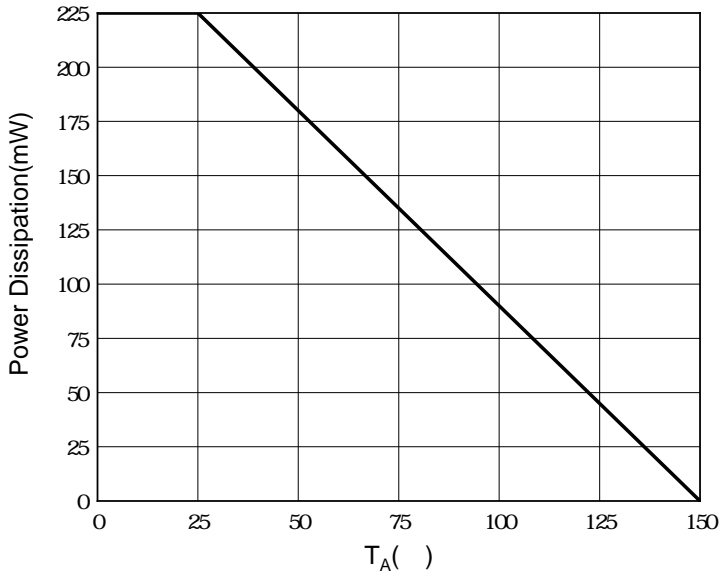


Fig.4 Pulse Waveform

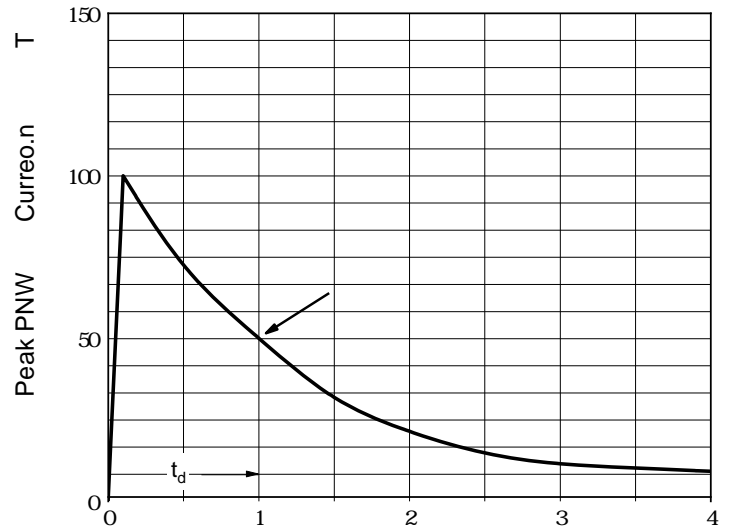
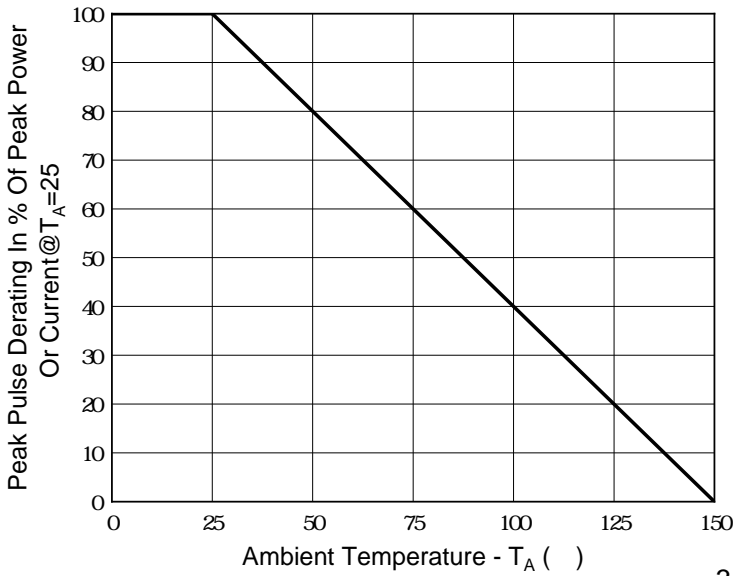


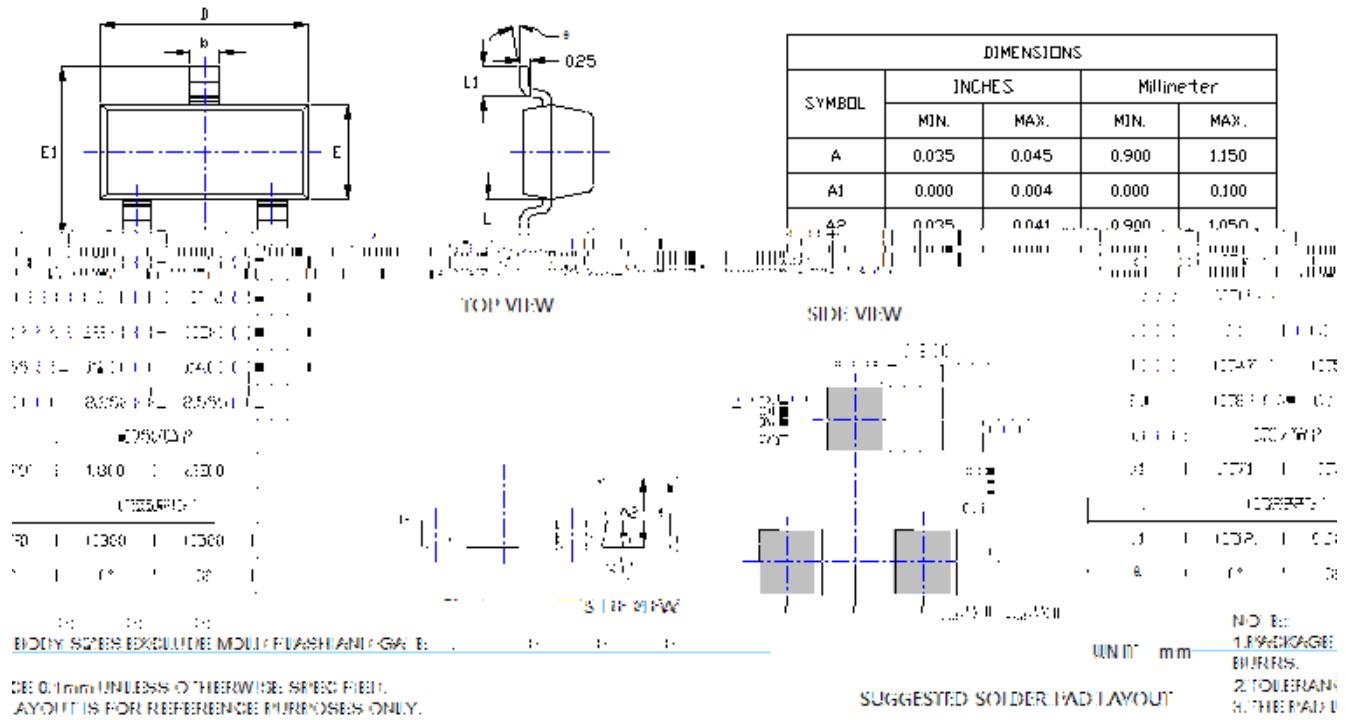
Fig.5: Power Derating Curve





MMBZ27VCQ

Outline Dimensions



MMBZ27VCQ
