

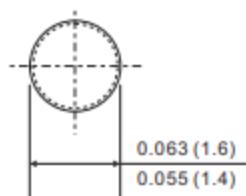
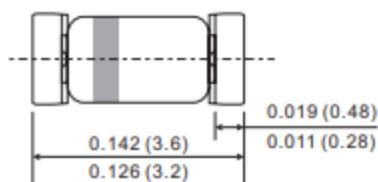
BZV55C/ZMM55C-SERIES

ZENER DIODES

Zener Voltage : 2.4 - 188V

Peak Pulse Power : 500mW

MINI MELF



FEATURE

- Low zener impedance
- Low regulation factor
- Glass passivated junction
- High temperature soldering guaranteed:
260°C/10S at terminals

MECHANICAL DATA

Case: MINI MELF molded glass body

Terminals: Plated axial leads, solderable per MIL-STD 750,
method 2026

Polarity: Color band denotes cathode end

Mounting Position: Any

Weight: 0.002 ounce, 0.05 gram

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

	SYMBOLS	VALUE	UNITS
Zener Current see Table Characteristics			
Power Dissipation at Tamb=25°C(Note 1)	P _{tot}	500	mW
Junction Temperature	T _j	200	°C
Storage Temperature Range	T _{stg}	-65 to + 200	°C
Thermal resistance junction ambient(Note 1)	R _{thJA}	0.3	K/mW
Forward voltage at If=100mA	V _F	1.0	V

Note 1: Valid provided that leads at a distance of 10mm from case are kept at ambient temperature