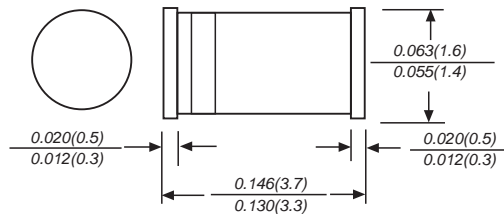


# BZV55C/ZMM55C-SERIES

## ZENER DIODES

Zener Voltage: 2.4-180V 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 <sub>tot</sub>	500	mW
Junction Temperature	T <sub>j</sub>	200	°C
Storage Temperature Range	T <sub>STG</sub>	-65 to + 200	°C
Thermal resistance junction ambient(Note 1)	R <sub>qJA</sub>	0.3	K/mW
Forward voltage at I <sub>F</sub> =100mA	V <sub>F</sub>	1.0	V

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