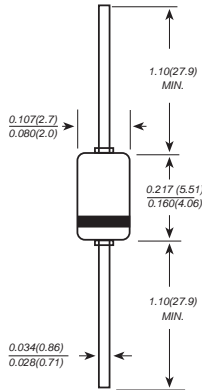


BZX85C-SERIES

ZENER DIODES

Zener Voltage: 2.7-200V Peak Pulse Power: 1.0W

DO-41(GLASS)



Dimensions in inches and (millimeters)

FEATURE

- ◆ Low zener impedance
- ◆ Low regulation factor
- ◆ Glass passivated junction
- ◆ High temperature soldering guaranteed:
260°C/10S/9.5mm lead length at 5 lbs tension

MECHANICAL DATA

Case: JEDEC DO-41(GLASS) molded glass body

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

Polarity: Color band denotes cathode end

Mounting Position: Any

Weight: 0.012 ounce, 0.35 grams

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}	1000	mW
Junction Temperature	T _j	200	°C
Storage Temperature Range	T _{STG}	-65 to + 200	°C
Thermal resistance junction ambient(Note 1)	R _{qJA}	170	K/W
Forward voltage at I _F =200mA	V _F	1.2	V

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