

SMD Zener Diode

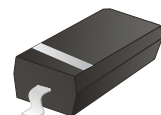
CZRW5223B-HF Thru CZRW5256B-HF

Voltage: 2.7 to 30 Volts

Power: 350 mWatts

RoHS Device

Halogen Free



SOD-123

Features

- For surface mounted applications.
- General purpose, medium current
- Ideally suited for automated assembly processes.

Mechanical data

- Case: SOD-123, Molded plastic.
- Terminals: Solder Plated, solderable per MIL-STD-750, method 2026.
- Polarity: Cathode band.
- Weight: 0.01 gram (approx.).

Dimensions in inches and (millimeter)

Maximum Ratings (@Ta=25°C unless otherwise specified)

Parameter	Symbol	Value	Unit
Forward Voltage (Note 2) @ $I_F=10\text{mA}$	V_F	0.9	V
Power Dissipation (Note 1)	P_D	350	mW
Thermal Resistance, Junction to Ambient Air	$R_{\theta JA}$	357	°C/W
Operating and Storage Temperature Range	T_J, T_{STG}	-65 to +150	°C

Notes: 1. Device mounted on ceramic PCB; 7.6mm x 9.4mm x 0.87mm with pad areas 25mm².

2. Tested with pulses, T_p