

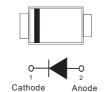
SURFACE MOUNT SCHOTTKY BARRIER

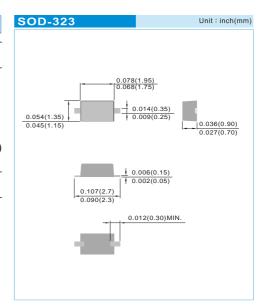
VOLTAGE 30 Volt CURRENT 0.2 Ampere
FEATURES

- Low turn-on voltage
- Fast switching
- PN junction guard ring for transient and ESD protection.
- Lead free in compliance with EU RoHS 2011/65/EU directive
- Green molding compound as per IEC61249 Std. . (Halogen Free)

MECHANICAL DATA

- · Case: SOD-323, Plastic
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx. Weight: 0.0001 ounces, 0.0041 grams
- Polarity: Color band denotes cathode end





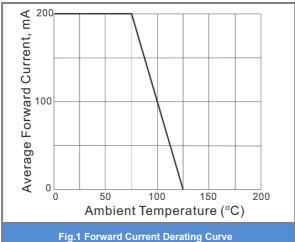
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TA=25°C unless otherwise noted)

For capacitive load, derate current by 20%.

Parameter	Symbol	Value	Units
Marking code		L4	
Peak Repetitive Reverse Voltage	V _{RRM}	30	٧
Maximum Average Forward Current at T _A =75°C	I _{F(AV)}	0.2	Α
Peak Forward Surge Current, 1s	I _{FSM}	1	Α
Maximum Instantaneous Forward Voltage @ IF=1mA @ IF=100mA	V _F	0.32 0.6	V
Maximum DC Reverse Current at Rated DC Blocking Voltage $@V_R = 25V$	I _R	2	μΑ
Junction Capacitance at $V_R = 1V$	C¹	10	pF
Typical Thermal Resistance Junction to Ambient	R _{eJA}	500	°C/ W
Operating Junction Temperature and Storage Temperature Range	T _J , T _{STG}	-55 to +125	°C



TYPICAL CHARACTERISTIC CURVES



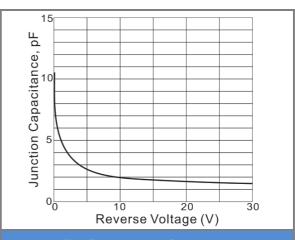
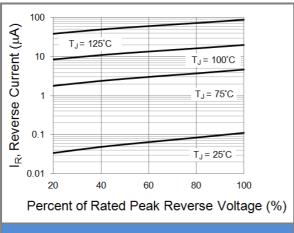
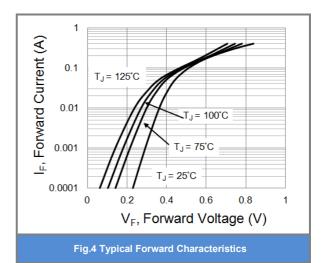
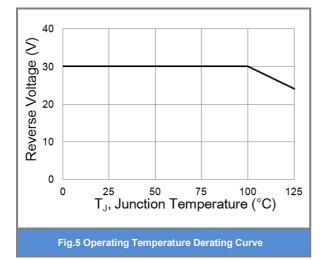


Fig.2 Typical Junction Capacitance

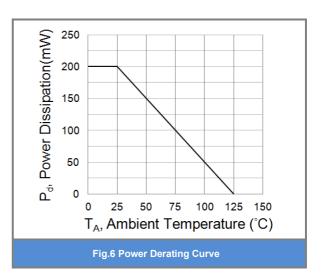






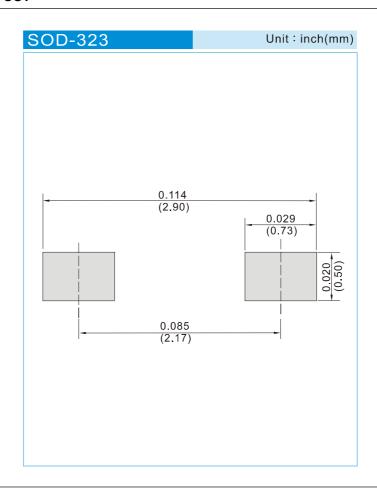


November 1,2016





MOUNTING PAD LAYOUT



ORDER INFORMATION

• Packing information

T/R - 12K per 13" plastic Reel

T/R - 5K per 7" plastic Reel



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