	V_{RSM}	100	V
Repetitive Peak Reverse Voltage	V_{RRM}	75	V
Repetitive Peak Forward Current	I_{FRM}	300	mA
Continuous Forward Current	I_O	150	mA
Non−repetitive Peak Forward Surge Current Pulse Width = 1.0 s Pulse Width = 1.0 μs	I_{FSM}	 1.0 4.0	A
Operating Junction Temperature	T_J	+150	°C
Storage Temperature Range	T_{STG}	−55 to +150	°C

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

THERMAL CHARACTERISTICS (Values are at T_A = 25°C unless otherwise noted.)

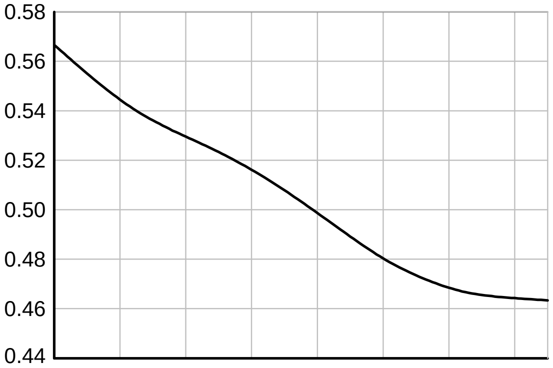
Symbol	Parameter	Value	Unit
P_D	Power Dissipation (T_C = 25°C)	200	mW
$R_{\theta JA}$	Thermal Resistance, Junction−to−Ambient (Note 1)	500	°C/W

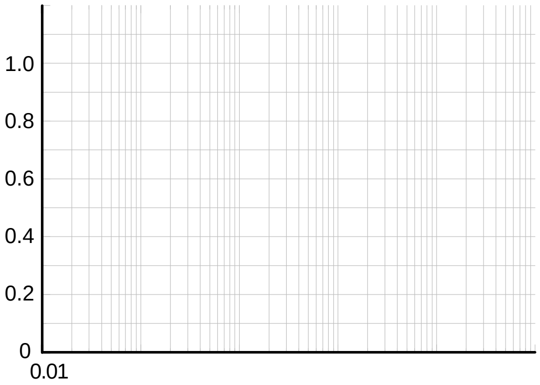
1. Device mounted on FR−4 PCB minimum land pad.

ELECTRICAL CHARACTERISTICS (Values are at T_A = 25°

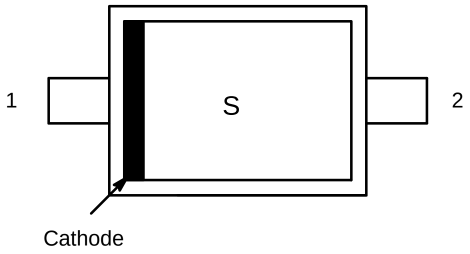
©

TYPICAL CHARACTERISTICS



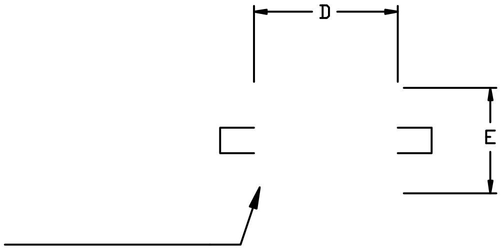


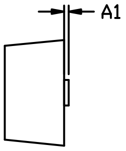
MARKING DIAGRAM



= Calendar Year

SOD 323FL





1. DIMENSIONING AND TOLERANCING PER ASME
2. CONTROLLING DIMENSION: MILLIMETERS
3. LEAD THICI E MARK onsemi
4. DIMENSIONS D AND E DO NOT INCLUDE MOLD onsemi

	MILLIMETERS
DIM	MIN.
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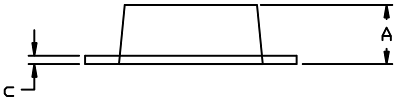

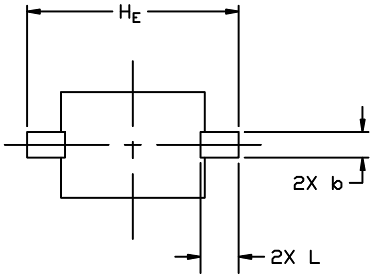

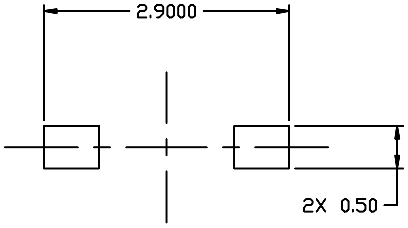

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