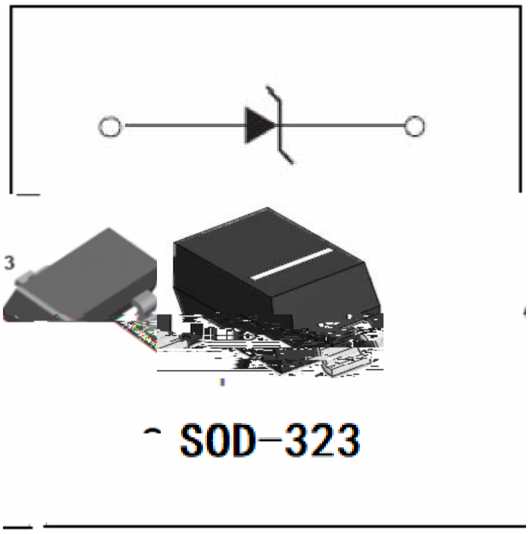
RoHS
COMPLIANT

ESD5V0D3



” (SR[\ PHHWV 8/ 9 IODPPDELOLW\ UDW
” 0RLVWXUH 6HQVLWLYLW\ /HYHO

Mechanical Data

- **Package**: SOD323
- **Terminals**: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end
- **Marking:** ZF

■Maximum Ratings

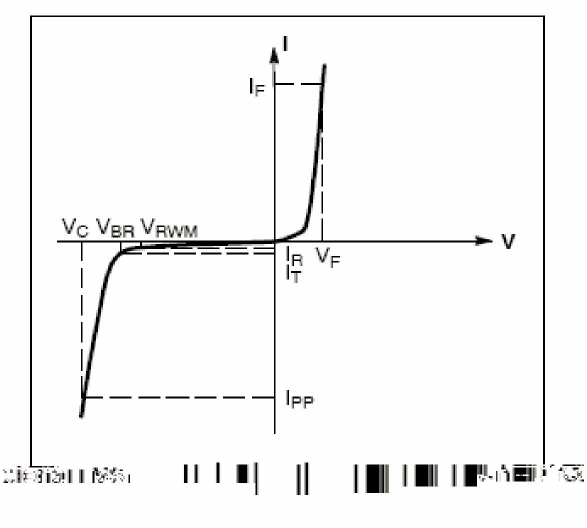
PARAMETER	SYMBOL	LIMITS		Stc
	J& TSTG	- 45 to + 125		
IEC61000-4-2(ESD)Air	V_{ESD} 1	± 30	KV	
IEC61000-4-2(ESD)Contact		± 30	KV	
Peak Pulse Current, t_P=8/20μs	I_{PP} 2	15	A	

Peak Power Dissipation, t_P=8/˜ ʻ orḿ according to IEC61000-4-5. xponential decay wave-f

■Electrical Parameter

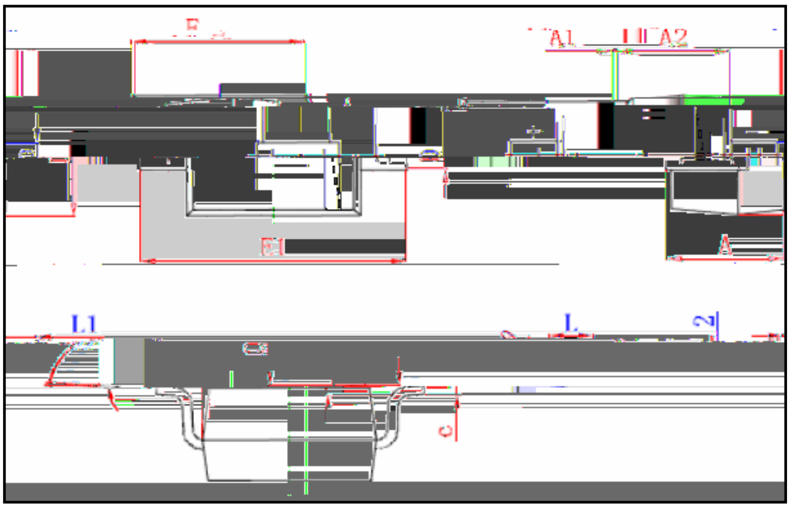
PARAMETER	SYMBOL
Clamping Voltage@ I_{PP}	V_C
Breakdown Voltage@ I_T	V_{BR}
Peak Pulse Current	I_{PP}
Test Current	I_T
Reverse Leakage Current@ V_{RWM}	I_R
Reverse Standoff Voltage	V_{RWM}
Forward Voltage@ I_F	V_F
Forward Current	I_F
Peak Power Dissipation	P_{PK}
Junction Capacitance @ V_R=0 and f=1MHz	Cj

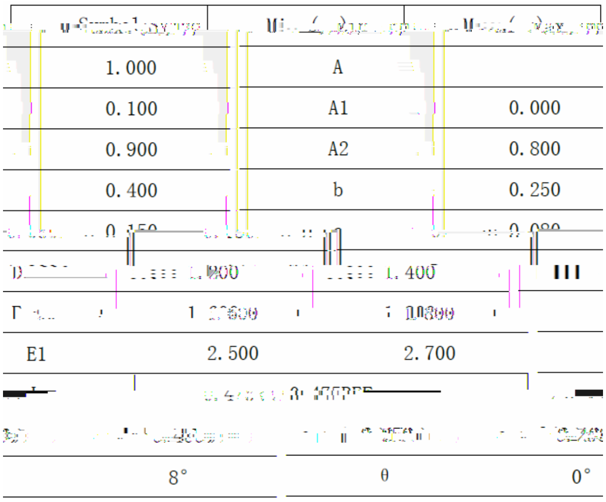
þ þ þt] ˈ amgj γ 0c= T



v(OHFWULFDO &KDUDFWHULVWLFV 8QOHVV RWKHUZLVH VSHFLILHG

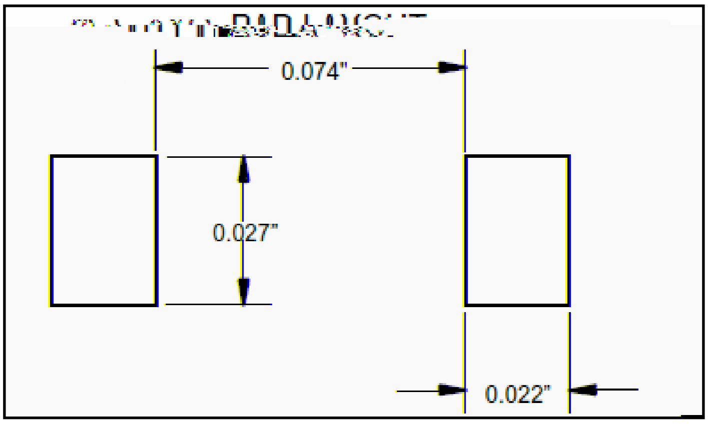
■ Outline Dimensions





[illegible]	[illegible]	[illegible]
1.000	A	
0.100	A1	0.000
0.900	A2	0.800
0.400	b	0.250
0.150	[illegible]	0.080
D	1.200	1.400
[illegible]	[illegible]	[illegible]
E1	2.500	2.700
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
8°	θ	0°

Soldering Footprint



Unit　inches

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