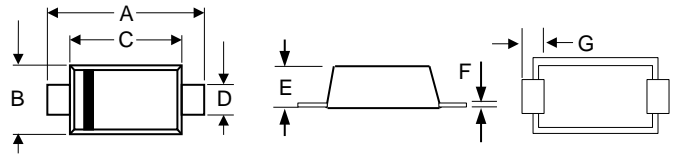


Features

* For ESD protection



RoHS
COMPLIANT



SOD-323F				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.091	0.110	2.30	2.80
B	0.045	0.053	1.15	1.35
C	0.063	0.071	1.60	1.80
D	0.010	0.016	0.25	0.40
E	0.031	0.043	0.80	1.10
F	0.004	0.006	0.10	0.15
G	0.016	0.024	0.41	0.61

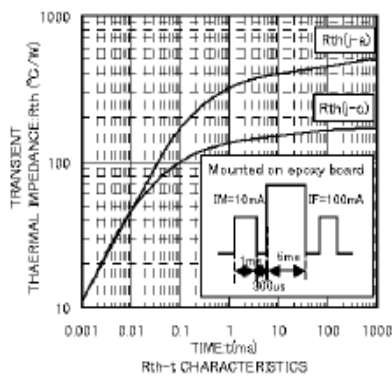
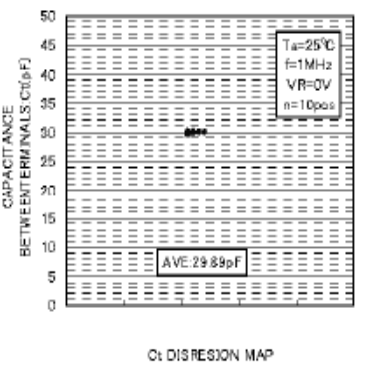
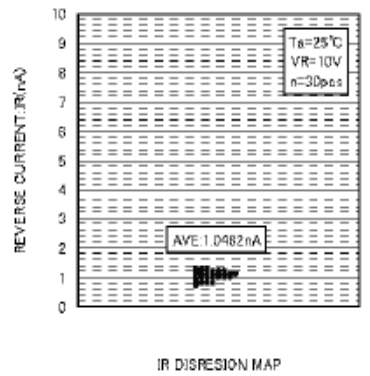
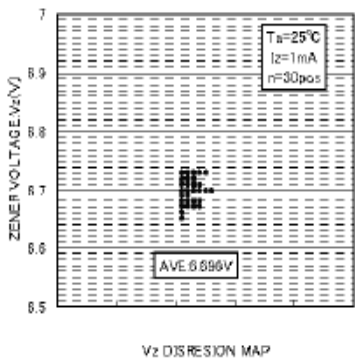
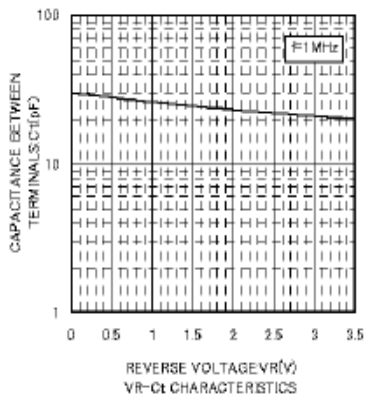
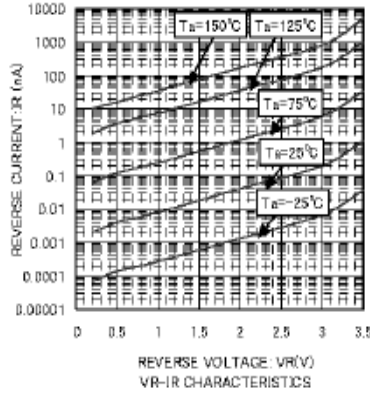
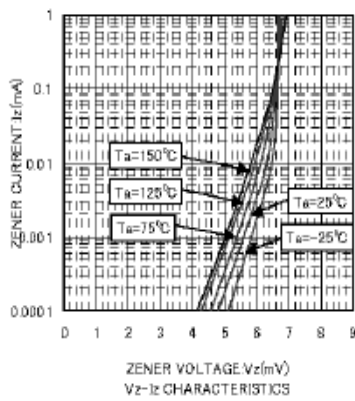
Maximum Ratings (T_A=25°C unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak Pulse Power (t _p = 10 X 1000 μs)	P _{PK}	10	W
Power Dissipation	P _D	150	mW
Junction Temperature	T _J	150	°C
Storage Temperature Range	T _{stg}	- 55 to + 150	°C
Operation Temperature Range	T _{opr}	- 55 to + 150	°C

Electrical Characteristics (T_A=25°C unless otherwise noted)

Parameter	Symbol	Min.	Max.	Unit
Zener Voltage at I _z = 1 mA	V _z	5.5	8	V
Reverse Current at V _R = 3.5 V	I _R	-	10	nA
Capacitance between Terminals at V _R = 0 V, f = 1 MHz	C _T	-	30	pF
ESD Voltage Capability (Contact Discharge Mode) at Discharge Capacitance / Resistance: 150 pF / 330 Ω	-	-	15	KV
ESD Voltage Capability (Air Discharge Mode) at Discharge Capacitance / Resistance: 150 pF / 330 Ω	-	-	25	KV

Ratings and Characteristic Curves





ESD6V8WS

Silicon Epitaxial Planar Diode

Ordering Information

Part No.	Package	Packing Code	Packing
ESD6V8WS	SOD-323F	R30	3000pcs/Reel

Disclaimer

Specifications of the products displayed herein are subject to change without notice. JGD or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, to any intellectual property rights is granted by this document. Except as provided in JGD's terms and conditions of sale for such products, JGD assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of JGD products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify JGD for any damages resulting from such improper use or sale.