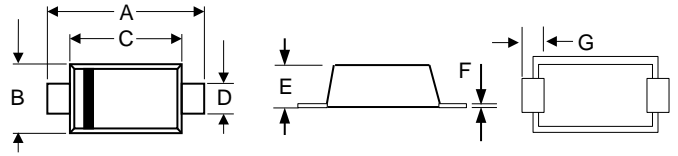
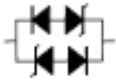


Features

- * Low clamping voltage
- * Low capacitance
- * 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 (TA=25°C unless otherwise noted)

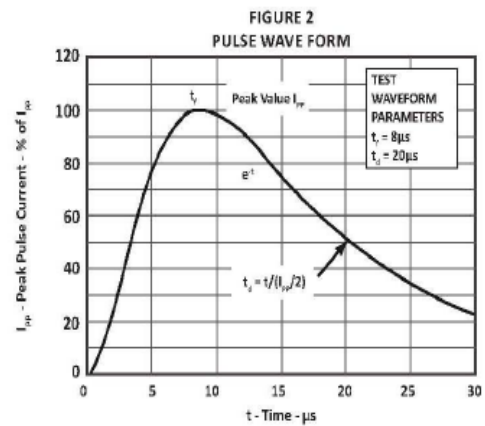
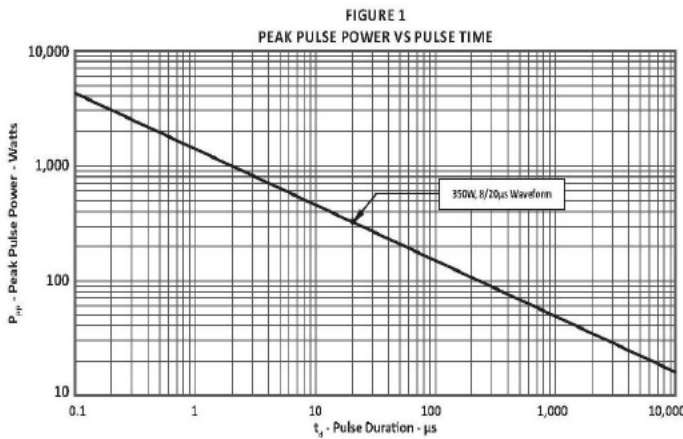
Parameter	Symbol	Value	Unit
Peak Pulse Power (tp = 8/20 μs)	P _{pk}	350	W
ESD Voltage	V _{ESD}	25	KV
Operating Temperature Range	T _j	- 55 to + 150	°C
Storage Temperature Range	T _{stg}	- 55 to + 150	°C

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

Type	Reverse Stand-off Voltage	Reverse Current	Breakdown Voltage		Clamping Voltage ¹⁾		Capacitance		
	V _{RWM}	I _R at V _{RWM}	V _{BR}	at I _{BR}	V _c	at I _{PP}	C _j	at f	at V _R
	Max. (V)	Max. (μA)	Min. (V)	mA	Max. (V)	A	Typ. (pF)	MHz	V
ESD3Z3V0BWS	3	20	3.3	1	7.5	1	3	1	0
ESD3Z5V0BWS	5	5	6.1	1	9.8	1	3	1	0
ESD3Z8V0BWS	8	1	8.6	1	13.4	1	3	1	0
ESD3Z12BWS	12	1	13.5	1	19	1	3	1	0
ESD3Z15BWS	15	1	17.39	1	24	1	3	1	0
ESD3Z24BWS	24	1	27.27	1	43	1	3	1	0

Note: 1) tp = 8/20 μs

Ratings and Characteristic Curves



Ordering Information

Part No.	Package	Packing Code	Packing
ESD3Z...BWS Series	SOD-323F	R30	3000pcs/Reel

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