



1-Line Low Capacitance Bi-directional TVS Diode

Features

- 340W peak pulse power (8/20μs)
- Ultra low capacitance: 1pF typical
- Ultra low leakage: nA level
- Operating voltage:3.3V
- Low clamping voltage
- Protects one power line or data line
- Complies with following standards:
 - IEC 61000-4-2 (ESD) immunity test
- Air discharge: ±30Kv
- Contact discharge: ±30kV
 - IEC61000-4-5 (Lightning) 30A (8/20μs)
- RoHS Compliant

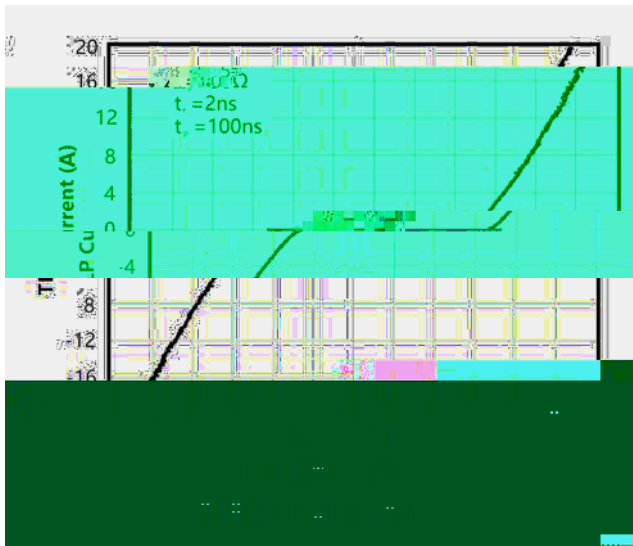
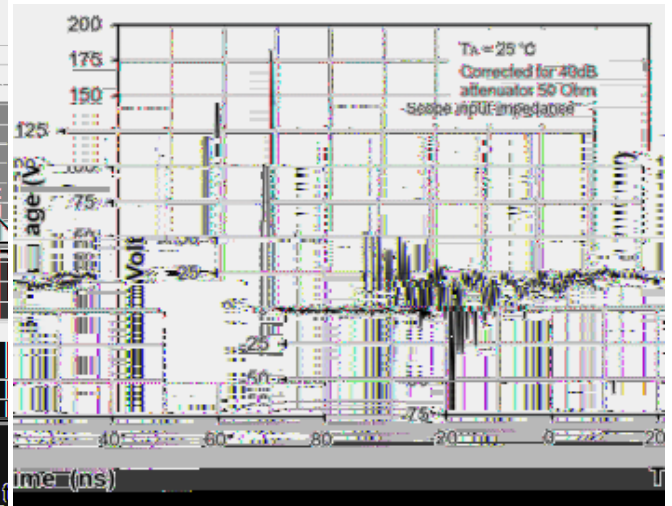
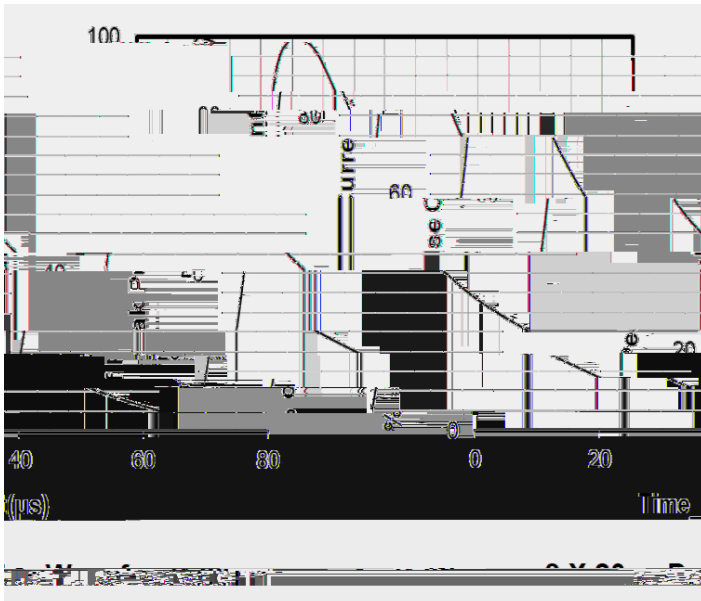
Marking Information

■Maximum Ratings

PARAMETER	SYMBOL	VALUE	UNIT
Peak Pulse Power (8/20μs)	Ppk	340	W
Peak Pulse Current (8/20μs)	I _{pp}	21	A
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	±30 ±30	KV
Operating Temperature Range	T _j	-55 to +125	
Storage Temperature Range	T _{stg}	-55 to +150	



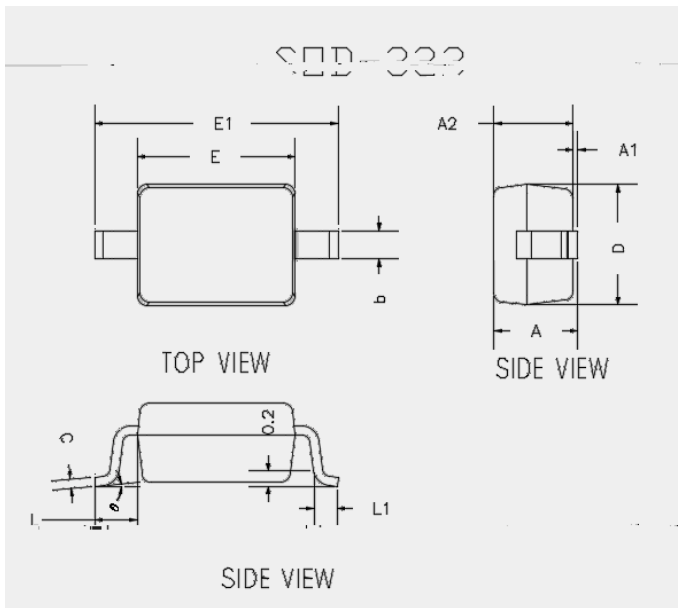
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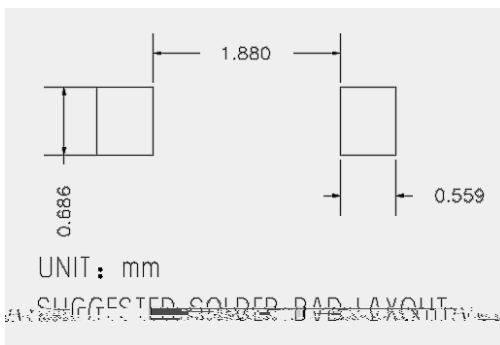
ESDSL3V3D3BA

■ Outline Dimensions



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	---	0.0393	---	1.0000
0.0000	0.0039	0.0000	0.1000	A1
0.0314	0.0354	0.8000	0.9000	A2
0.0098	0.0157	0.2500	0.4000	b

■ Soldering Footprint





Disclaimer

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