



Micro Commercial Components



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20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

ESD2V8P8U

2.8 Volts
ESD Protection
Device

Features

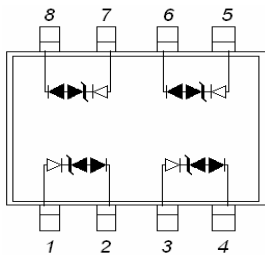
- 400 W Peak Pulse Power per Line (tp=8/20s)
Protects two line pairs(four lines).
Low capacitance
Low Leakage Current
For space saving application
Low Operating and Clamping Voltages.
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

Maximum Ratings

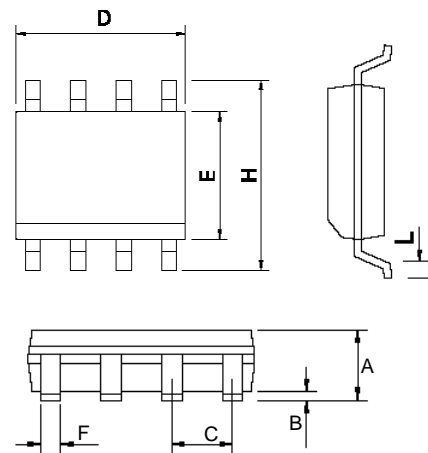
- Operating Junction & Storage Temperature: -55°C to +150°C

Table with 5 columns: Parameter, Symbol, Limits, unit. Rows include IEC61000-4-2(ESD) Air Contact and Peak Power Dissipation@8/20us.

Pin Configuration



SOP-8



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows include dimensions A through L.



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ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise noted,)

Device*	Device Marking	V_{RWM} (V)	I_b (μA) @ V_{RWM}	V_{BR} (V) @ I_T		I_T	V_c (V) @Max $I_{pp}=1\text{A}$	V_c (V) @Max $I_{pp}=5\text{A}$	I_{pp} (A)	C (pF)
		Max	Max	Min	Max	mA	Max	Max	Max	Max
ESD2V8P8U	---	2.8	1	3.0	---	1.0	5.5	8.5	---	3

Typical Characteristics

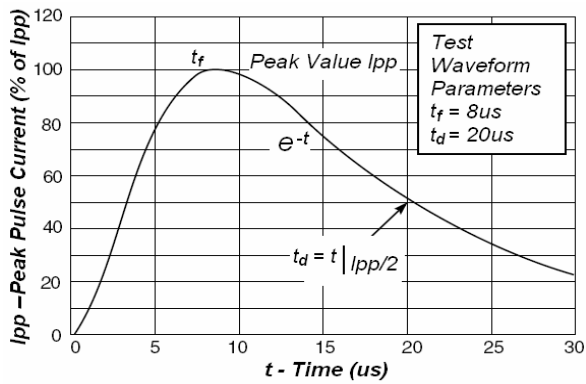


Fig1. Pulse Waveform

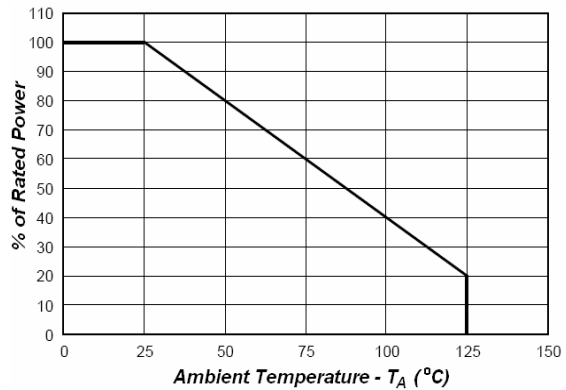


Fig2. Power Derating Curve

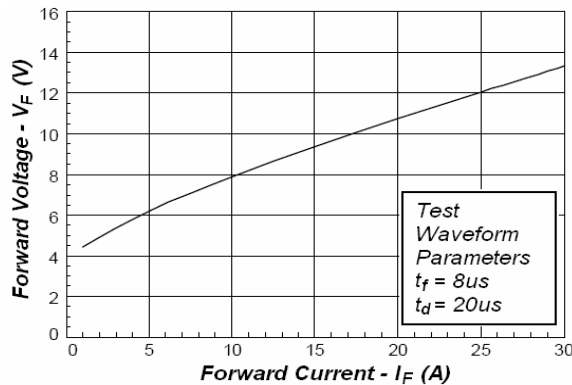


Fig3. Forward Voltage vs. Forward Current



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 2.5Kpcs/Reel

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Revision: A

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