



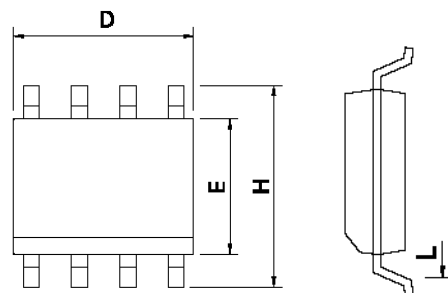
Micro Commercial Components

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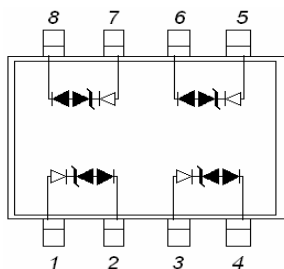
## ESDLC2V8P8U

### 2.8 Volts ESD Protection Device

### SOP-8



### Pin Configuration



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.053	.069	1.35	1.75	
B	.004	.010	0.10	0.25	
C	0.050BSC		1.27BSC		
F	.013	.020	0.33	0.51	
D	.189	.197	4.80	5.00	
E	.150	.157	3.80	4.00	
H	.228	.244	5.80	6.20	
L	.016	.040	0.40	1.04	

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

Device*	Device Marking	$V_{RWM}$ (V)	$I_D$ ( $\mu\text{A}$ ) @ $V_{RWM}$	$V_{BR}$ (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
ESDLC2V8P8U	---	2.8	1	3.0	---	1.0	5.0	8.0	---	0.7

## Typical Characteristics

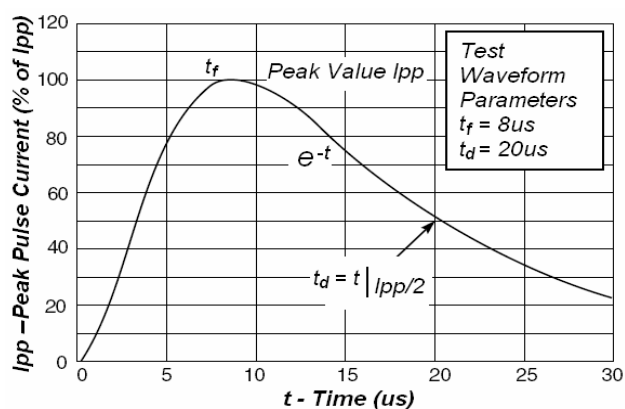


Fig1. Pulse Waveform

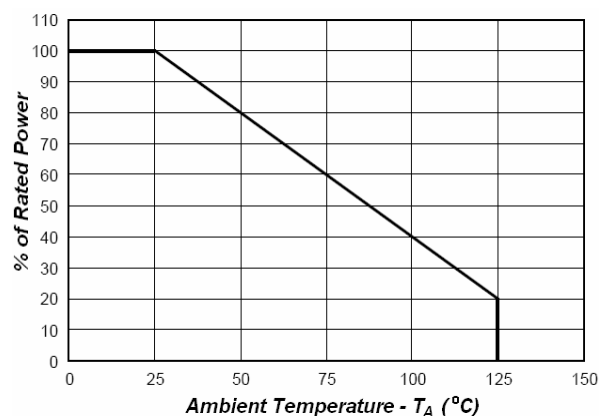


Fig2. Power Derating Curve

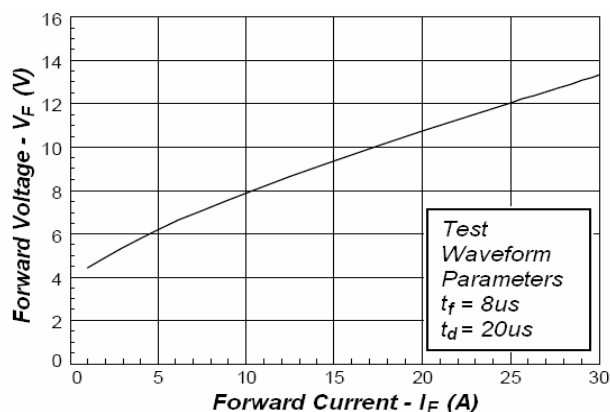


Fig3. Forward Voltage vs. Forward Current



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## Ordering Information :

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

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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