

Features

- Protects Two Line Pairs(Four Lines)
- · Low Capacitance
- Low Leakage Current
- · For Space Saving Application
- · Low Operating and Clamping Voltages
- · Moisture Sensitivity Level 1
- Epoxy Meets UL 94 V-0 Flammability Rating
- Halogen Free Available Upon Request By Adding Suffix "-HF"
- Lead Free Finish/RoHS Compliant ("P" Suffix Designates RoHS Compliant. See Ordering Information)

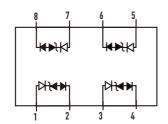
Maximum Ratings

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

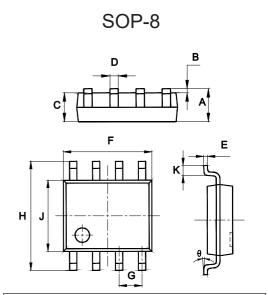
MCC Part Number	Device Marking
ESD2V8P8U	SLVU2.8-4

IEC61000-4-2(ESD)	Air Contact	±15KV ±8KV	
Peak Pulse Power (8/20us)	P _{PK}	400W	

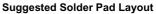
Internal Structure

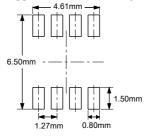


ESD Protection Device



DIMENSIONS						
DIM INCHES		HES	MM		NOTE	
DIIVI	MIN	MAX	MIN	MAX	NOTE	
Α	0.053	0.069	1.35	1.75		
В	0.004	0.010	0.10	0.25		
С	0.053	0.061	1.35	1.55		
D	0.013	0.020	0.33	0.51		
E	0.007	0.010	0.17	0.25		
F	0.185	0.200	4.70	5.10		
G	0.0)50	1.2	270	TYP.	
Н	0.228	0.244	5.80	6.20		
J	0.150	0.157	3.80	4.00		
K	0.016	0.050	0.40	1.27		
θ	0°	8°	0°	8°		





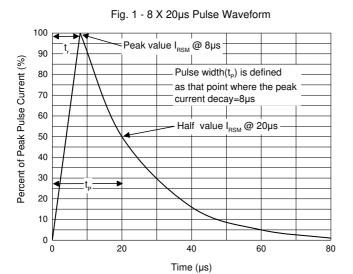


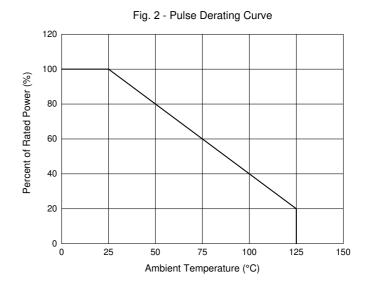
Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Тур.	Max.	Units
Reverse Working Voltage	∀ eqv%r _f 1212202	0			2.8	V
Reverse Breakdown Voltage	V_{BR}	I _T = 1mA	3			V
Reverse Leakage Current	I _R	V _{RWM} =2.8V			1	μA
Clamping Voltage	V _C	I _{PP} =1A, t _P =8/20μs			5.5	V
Clamping Voltage	V _C	I _{PP} =5A, t _P =8/20μs			8.5	V
Junction Capacitance	CJ	$V_R = 0V$, $f = 1MHz$		3		pF



Curve Characteristics







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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