

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)

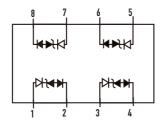
Maximum Ratings

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

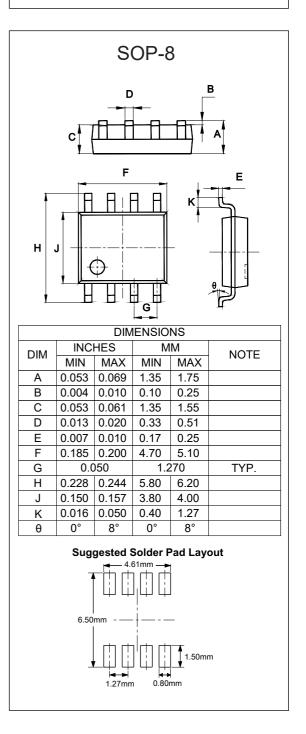
MCC Part Number	Device Marking
ESD2V8P8U	SLVU2.8-4

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

Internal Structure







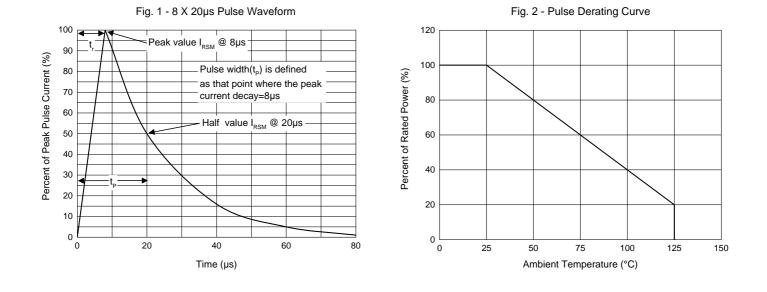


Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Тур.	Max.	Units
Reverse Working Voltage	K 1212202	0			2.8	V
Reverse Breakdown Voltage	V _{BR}	Ι _Τ = 1mA	3			V
Reverse Leakage Current	I _R	V _{RWM} =2.8V			1	μA
Clamping Voltage	Vc	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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