

Features

- Protects One Data or Power Line
- Chip Scale Package
- Low Clamping Voltage
- Low Leakage Current
- Fast Response Time
- 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

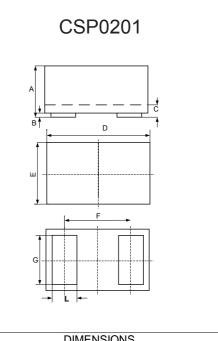
- Operating Junction Temperature Range: -55°C to +125°C
- Storage Temperature Range: -55°C to +150°C

IEC61000-4-2(ESD)	Air Contact	±30KV ±30KV	
Peak Pulse Current(8/20µs)	I _{PP}	18A	
Peak Pulse Power (8/20µs)	P _{PK}	140W	

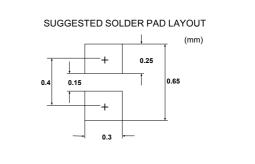
Internal Structure

-0





	DIMENSIONS				
DIM	INC	HES	MM		NOTE
Divi	MIN	MAX	MIN	MAX	NOTE
Α	0.008	0.013	0.21	0.33	
В	0.000	0.002	0.00	0.05	
С	0.005	0.007	0.12	0.18	
D	0.022	0.026	0.55	0.65	
E	0.010	0.014	0.25	0.35	
F	0.0)14	0.3	355	TYP.
G	0.008	0.011	0.215	0.28	
L	0.006	0.009	0.16	0.22	



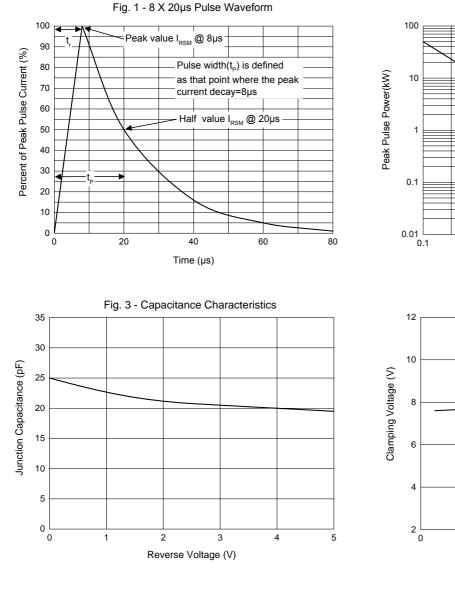


Electrical Characteristics @ 25°C (Unless Otherwise Specified)

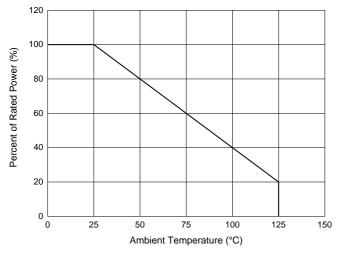
Parameter	Symbol	Conditions	Min.	Тур.	Max.	Units
Reverse Working Voltage	V _{RWM}				5	V
Reverse Breakdown Voltage	V _{BR}	I _T = 1mA	6			V
Reverse Leakage Current	I _R	V _{RWM} =5V			0.5	μA
Clamping Voltage	V _c	I _{PP} =1A, t _P =8/20μs		8	9	V
Clamping Voltage	V _c	I _{PP} =18A, t _P =8/20µs		8.5	9.5	V
Dynamic Resistance	R _{DYN}	TLP=0.2/100ns		0.01		Ω
Junction Capacitance	CJ	$V_R = 0V, f = 1MHz$		25	30	pF



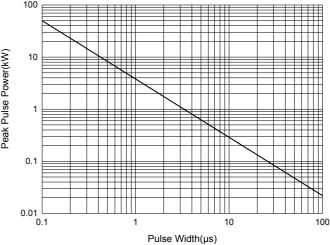
Curve Characteristics



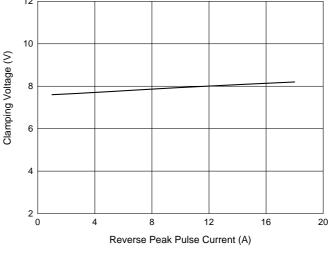














Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 10Kpcs/Reel

Note : Adding "-HF" Suffix for Halogen Free, eg. Part Number-TP-HF

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