

Features

- Protects 4 I/O Lines
- 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)

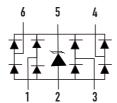
Maximum Ratings

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

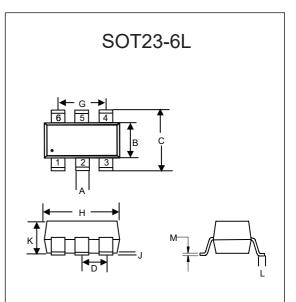
MCC Part Number	Device Marking		
SRV05-4B	C05		
IEC61000 4 2(ESD)	Air	±15KV	

	IEC61000-4-2(ESD)	Contact	±8KV
	Peak Pulse Current(8/20µs)	I _{PP}	5A
Peak Pulse Power (8/20us)		Р _{РК}	90W

Internal Structure







		DIN	IENSIO	NS	
DIM	INCHES		MM		NOTE
DIN	MIN	MAX	MIN	MAX	NOTE
Α	0.012	0.020	0.30	0.50	
В	0.051	0.070	1.30	1.80	
С	0.087	0.126	2.20	3.20	
D	0.0	37	0.	95	TYP.
G	0.0)74	1.	90	TYP.
Н	0.106	0.122	2.70	3.10	
J	0.002	0.006	0.05	0.15	
К	0.030	0.051	0.75	1.30	
L	0.012	0.024	0.30	0.60	
Μ	0.003	0.008	0.08	0.22	

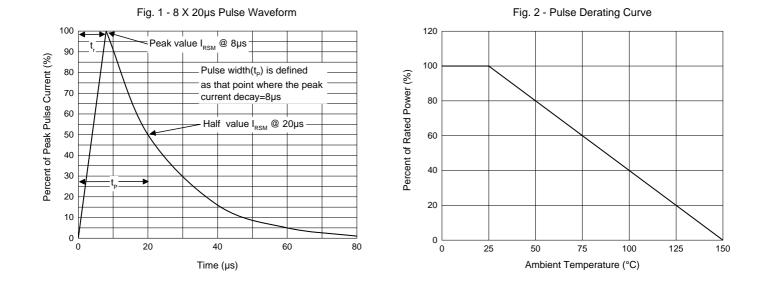


Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Тур.	Max.	Units
Reverse Working Voltage	V _{RWM}				5	V
Reverse Breakdown Voltage	V _{BR}	I _T = 1mA, Pin 5 to Pin 2	6.1		9.6	V
Reverse Leakage Current	I _R	V _{RWM} =5V			1	μA
Forward Voltage	V _F	I _F = 15mA		0.7	1	V
Clamping Voltage	V _c	I _{PP} =1A, t _P =8/20μs, I/O Pin to GND			12.5	V
Junction Capacitance	C」	$V_R = 0V$, f = 1MHz, I/O Pin to GND		0.65	0.8	pF
Junction Capacitance	C」	V _R = 0V, f = 1MHz, Between I/O Pins		0.3	0.4	pF



Curve Characteristics



Rev.3-2-12122020



Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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

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