

/ Revised record

F	2016-3				
G	2019-10-18	1			
H	2019-12-4	2	C _{J1} C _{J2}		
I	2022-6-13	1	±17 V (), ±12 () ±17 kV (), ±12 kV ()		

/ Descriptions

SOT23-6 TVS
Low Capacitance TVS Array in a SOT23-6 Plastic Package.

/ Features

4 ESD I/O 0.35pF

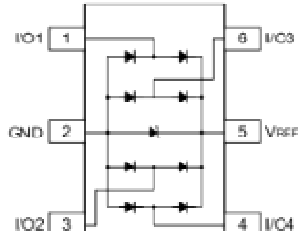
4 ESD protection structures, low capacitance for high-speed interfaces, Capacitance I / O channel is not more than 0.35pF, Low clamping voltage, Low operating voltage, suitable for high speed data transmission lines. HF Product.

/ Applications

ESD USB 2.0 IEC 61000-4-2(ESD) $\pm 17KV$ ($\pm 12KV$)

ESD protection for high-speed data lines, such as USB 2.0, set-top boxes, monitors and so on. According to IEC 61000-4-2 (ESD) Standard: $\pm 17KV$ (air discharge), $\pm 12KV$ (contact discharge).

/ Equivalent Circuit



/ Pinning

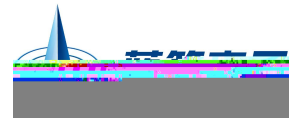


/ Marking

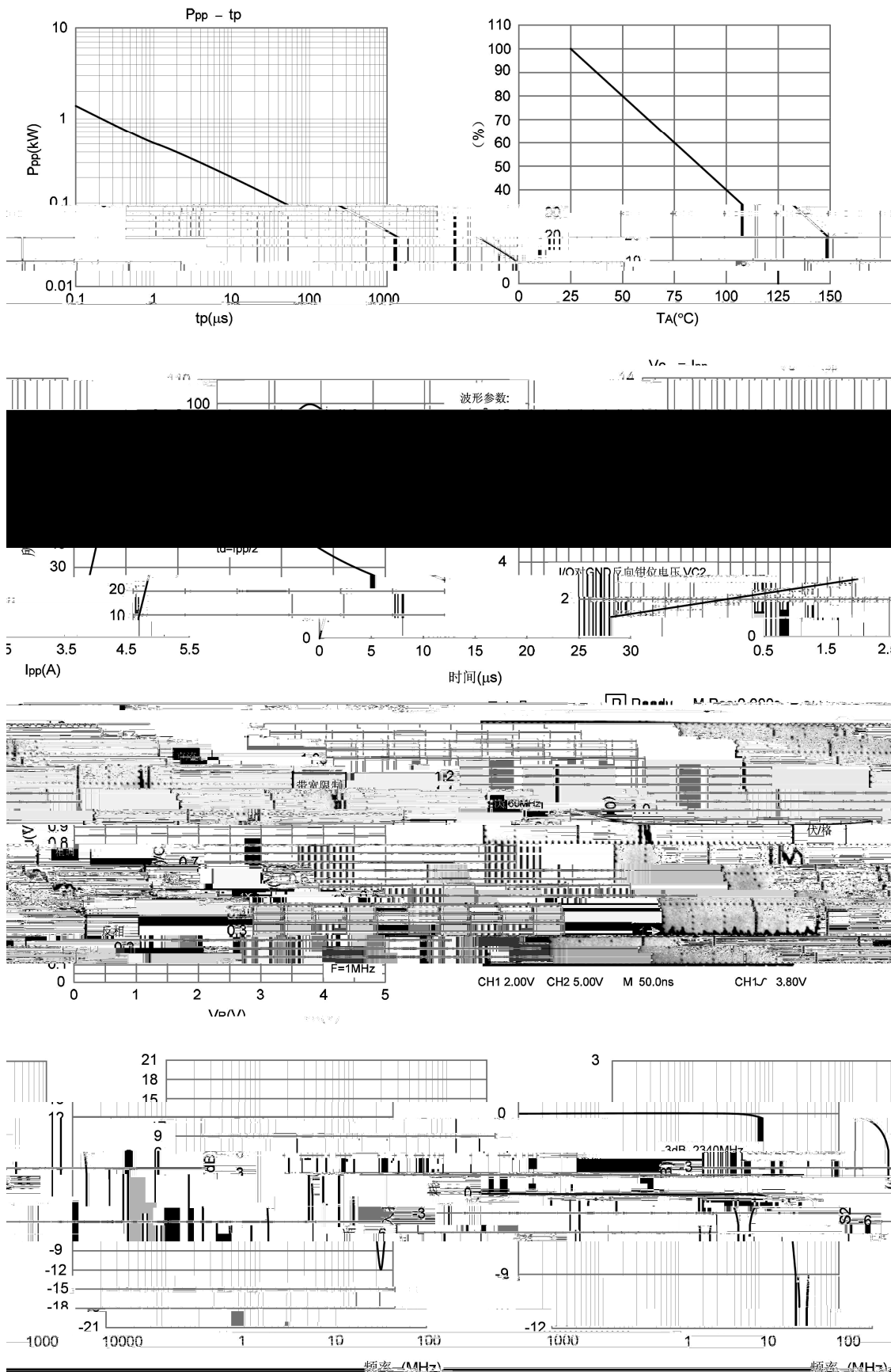
See Marking Instructions.

Parameter
Peak Pulse Power (tp = 8/20μs)
Peak Pulse Current (tp = 8/20μs)
ESD per IEC 61000-4-2 (Air)
ESD per IEC 61000-4-2 (Contact)
Operating Temperature
Storage Temperature

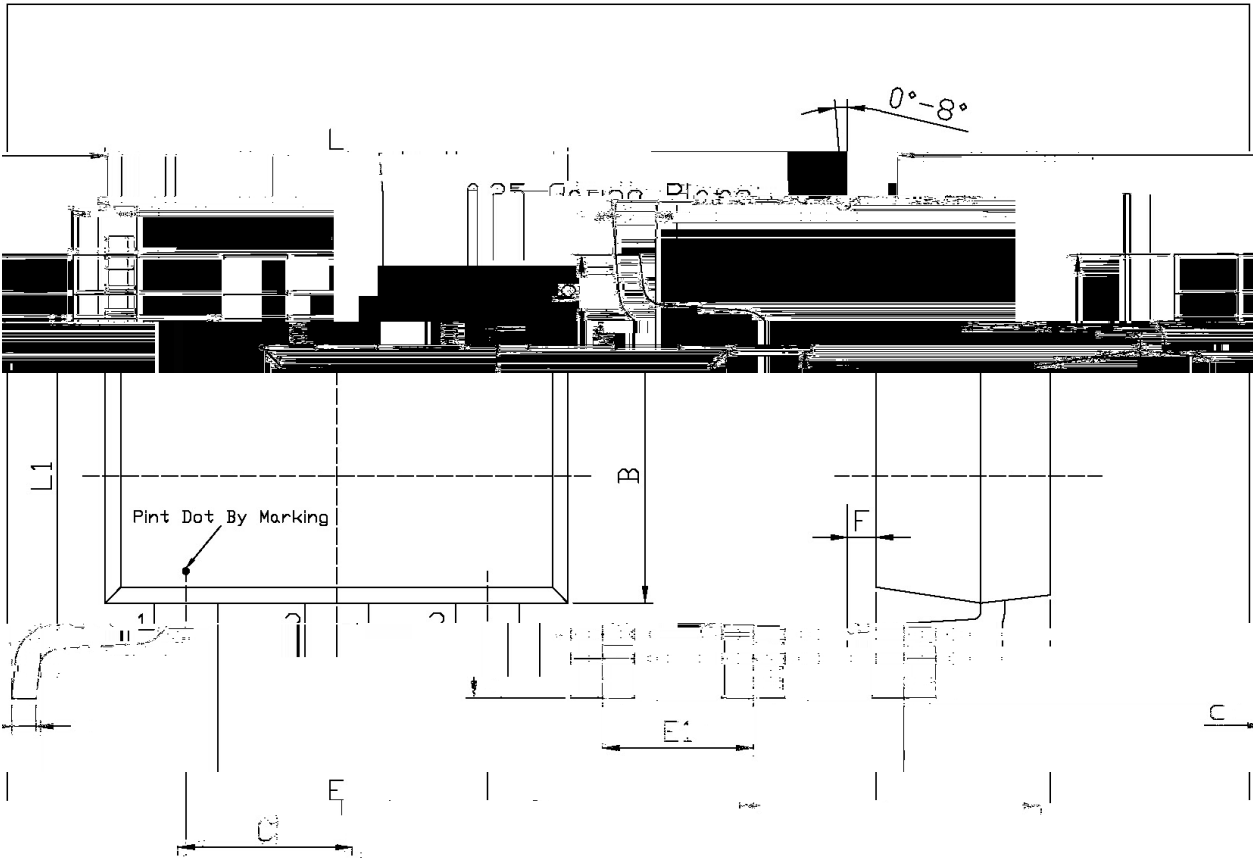
Parameter
Reverse Stand-Off Voltage
Reverse Breakdown Voltage
Reverse Leakage Current
Clamping Voltage



/ Electrical Characteristic Curve



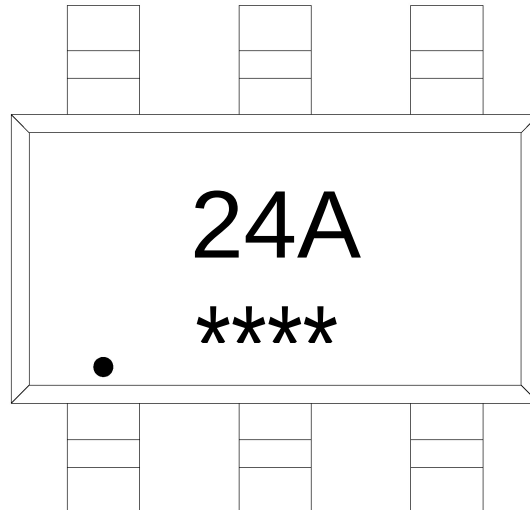
/ Package Dimensions



Unit: mm							
Dimensions in Millimeters			Dimensions in Millimeters				
Min	Max	Symbol	Min	Max	Symbol		
2.82	3.02	∅1	0.85	1.05	L		
1.50	1.70	n	0.35	0.50	B		
		C	0.90	1.30	c	0.10	0.20
		L1	2.60	3.00	b	0.35	0.55
		E	1.80	2.00	F	0	0.15

SOT23-6

/ Marking Instructions

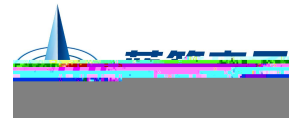


24A

Note:

24A: Product Type Code

****: Lot No. Code, code change with Lot No



() /