

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

Small package saves board space Protects up to four I/O lines & power line Low capacitance for high-speed interfaces Low leakage current and clamping voltage Low operating voltage.

静态参数

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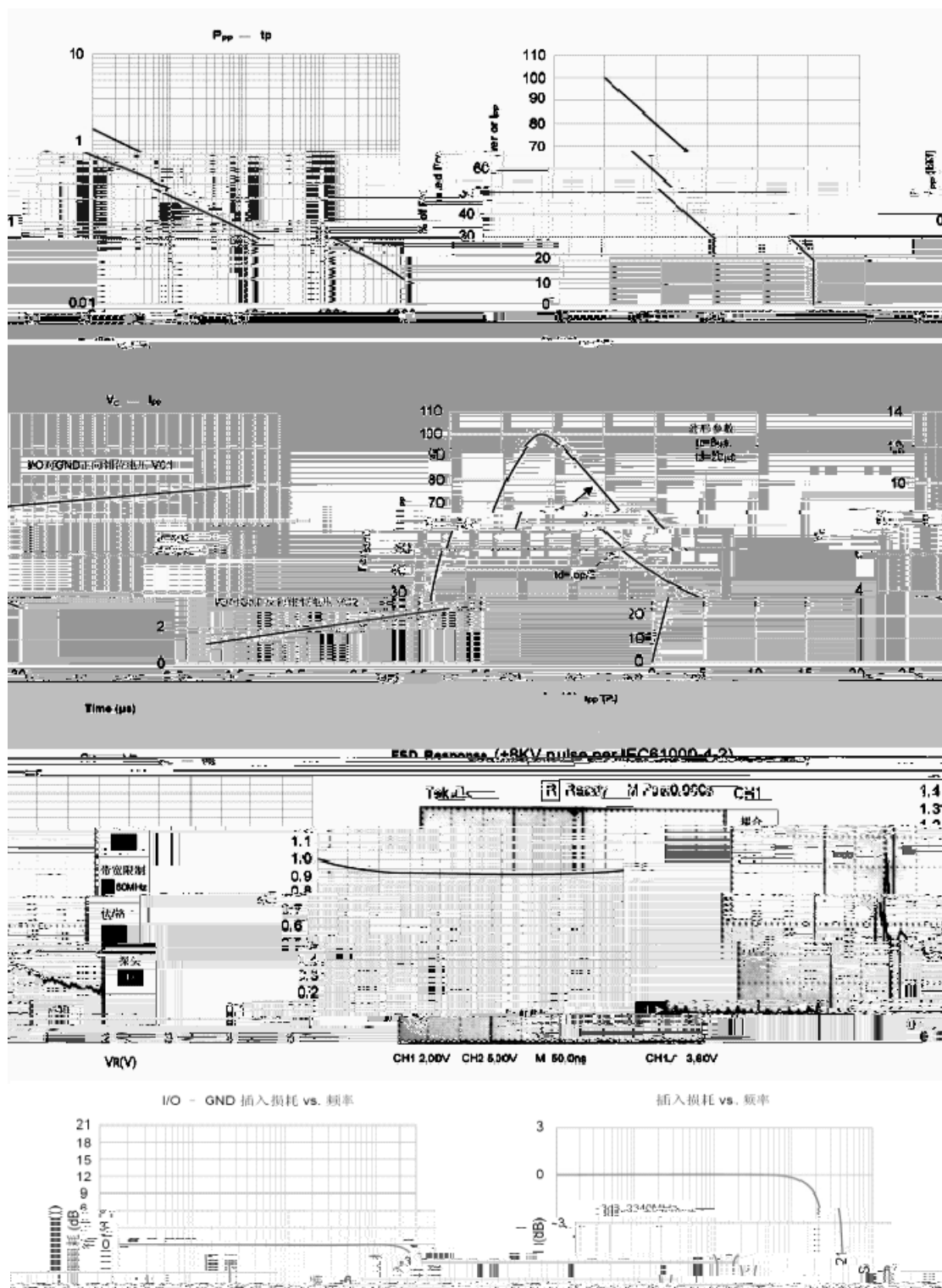
Parameter	Symbol	Rating	Unit
Peak Pulse Power (tp = 8/20μs)	PPP	150	W
Peak Pulse Current (tp = 8/20μs)	IPP	6	A
ESD per IEC 61000-4-2 (Air)	VESD 1 IEC 61000-4-2 (Air)	±15	kV
ESD per IEC 61000-4-2 (Contact)	VESD 2 IEC 61000-4-2 (Contact)	±8	kV
Operating Temperature	TOPR	-55 to 125	
Storage Temperature	TSTG	-55 to 150	

动态参数

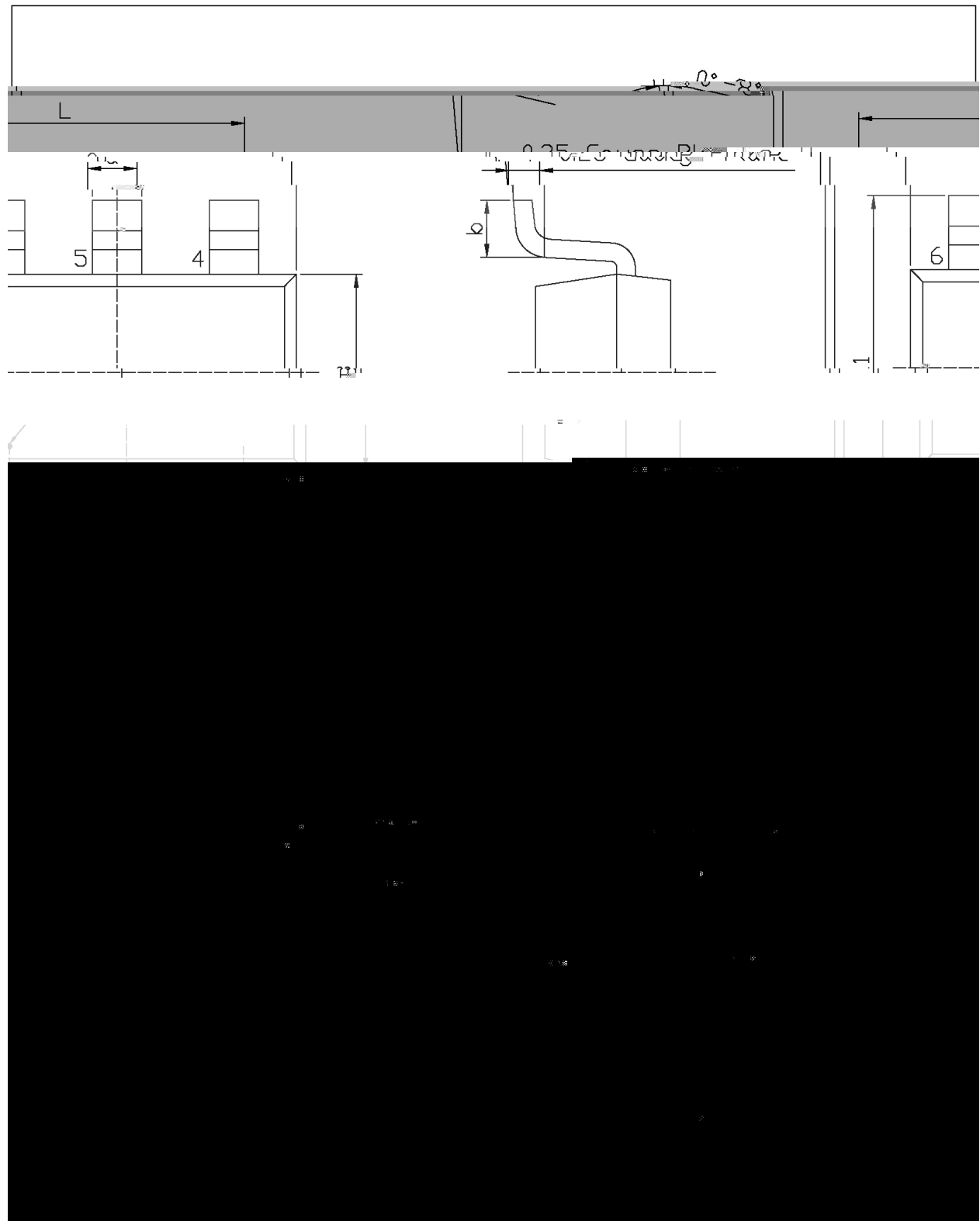
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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Stand-Off Voltage	V _{RWM}	Pin 5 to GND			5	V
Reverse Breakdown Voltage	V _{BR}	Pin 5 to GND It=1mA	6			V
Reverse Leakage Current	I _R	V _{RWM} =5V T=25 Pin 5 to GND			2	μA
Clamping Voltage	V _C	I _{PP} =1A tp=8/20μs Any I/O pin to GND		8.5	12	V
Junction Capacitance	C _{J1}	V _R =0V f=1MHz Any I/O pin to GND			3	pF
Junction Capacitance	C _{J2}	V _R =0V f=1MHz Between I/O pins			1.5	pF

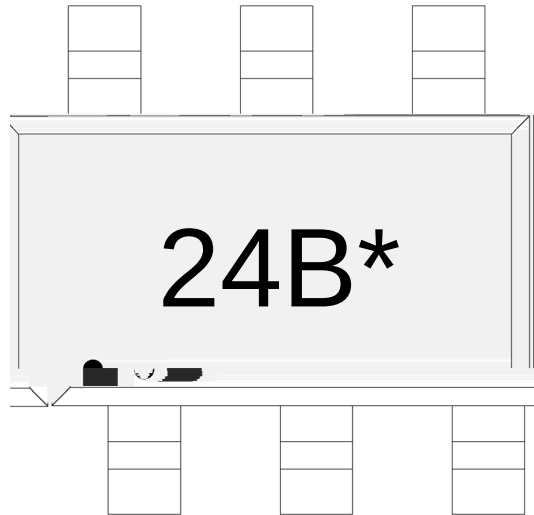
测试报告



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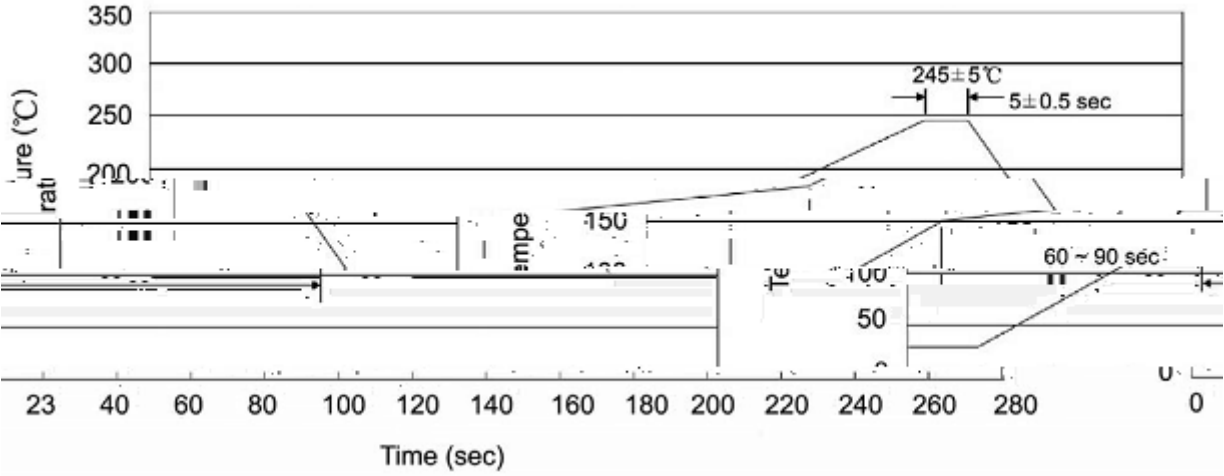


Note:

24B: Product Type Code

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

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Note:

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25 150

60 90sec;
- 2

245 5

5 0.5sec;
- 3

2 10 /sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:245 5

, Duration:5 0.5sec.
3. Cooling Speed: 2~10

/sec.

4 0 q 1 Y T

260 5

10 1 sec.

Temp.:260 5

Time:10 1 sec

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Package Type	Units					Dimension (unit mm ³)		

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