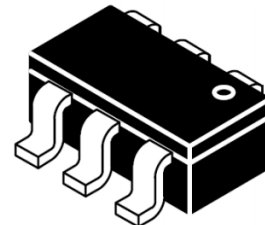


### Features

- 350 Watts Peak Pulse Power per Line ( $t_p=8/20\mu s$ )
- Protects Four or Five I/O Lines
- Low Clamping Voltage
- Operating Voltage : 3.3V
- Low Leakage Current
- Complies with following standards:
  - IEC61000-4-2 (ESD)  $\pm 25kV$  (air),  $\pm 20kV$  (contact)
  - IEC61000-4-4 (EFT) 40A (5/50ns)

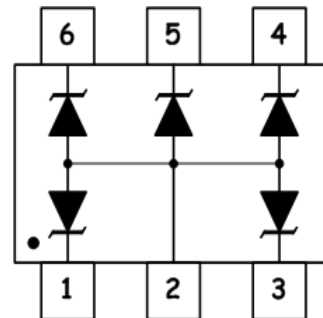
### Dimensions SOT-26



### Applications

- RS-232, RS-422 & RS-423 Data Lines
- Audio/Video Inputs
- Wireless Network Systems
- Microprocessor Based Equipment
- Medical Sensors
- Notebook Computers

### Pin Configuration



### Mechanical Characteristics

- SOT-26 Package
- Molding Compound Flammability Rating : UL 94V-O
- Weight 14 Milligrams (Approximate)
- Quantity Per Reel : 3,000pcs
- Reel Size : 7 inch
- Lead Finish : Lead Free
- Device Marking : TC3

### Absolute Maximum Ratings (Tamb=25°C unless otherwise specified)

Parameter	Symbol	Value	Unit
Peak Pulse Power (8/20μs)	P <sub>pp</sub>	350	W
ESD per IEC 61000-4-2 (Air)	V <sub>ESD</sub>	±25	KV
ESD per IEC 61000-4-2 (Contact)		±20	
Operating Temperature Range	T <sub>J</sub>	-55 to +150	°C
Storage Temperature Range	T <sub>STJ</sub>	-55 to +150	°C

**Electrical Characteristics** (TA=25°C unless otherwise specified)

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
VRWM	Reverse Working Peak Voltage				3.3	V
VBR	Reverse Breakdown Voltage	IT = 1mA	4			V
IR	Reverse Leakage Current	VRWM = 3.3V			5	μA
VC	Clamping Voltage	IPP = 5 A (8/20μs)			7.5	V
VC	Clamping Voltage	IPP = 25 A (8/20μs)			14	V
CJ	Capacitance	VR = 0V, f = 1MHz			250	pF

## Characteristic Curves

Figure 1. 8 x 20 $\mu$ s Waveform

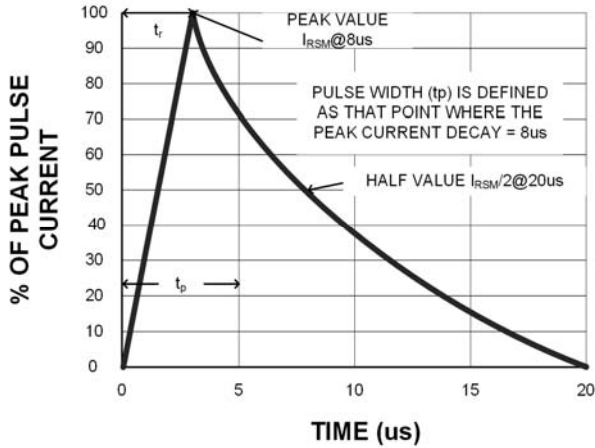


Figure 2. Power Derating Curve

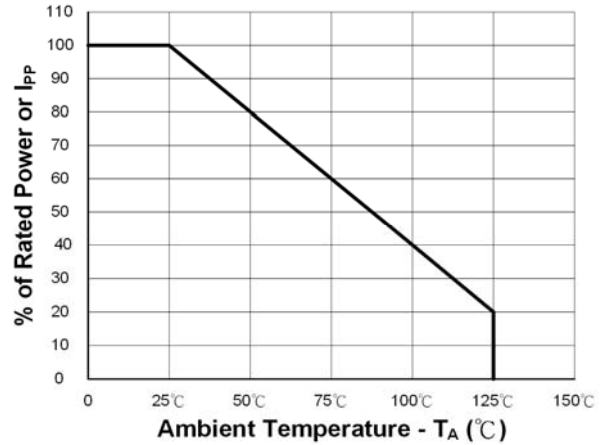
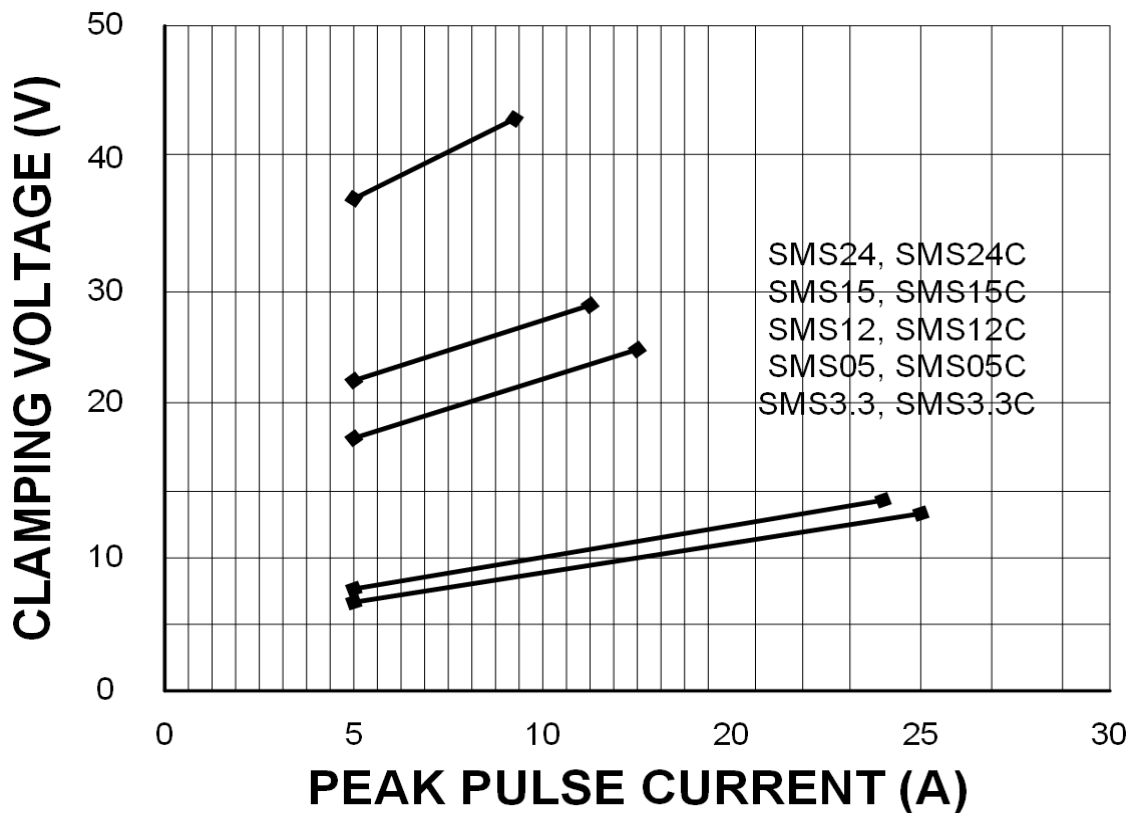


Figure 3. Clamping Voltage vs. Peak Pulse Current ( $t_p=8/20\mu s$ )





单击下面可查看定价，库存，交付和生命周期等信息

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