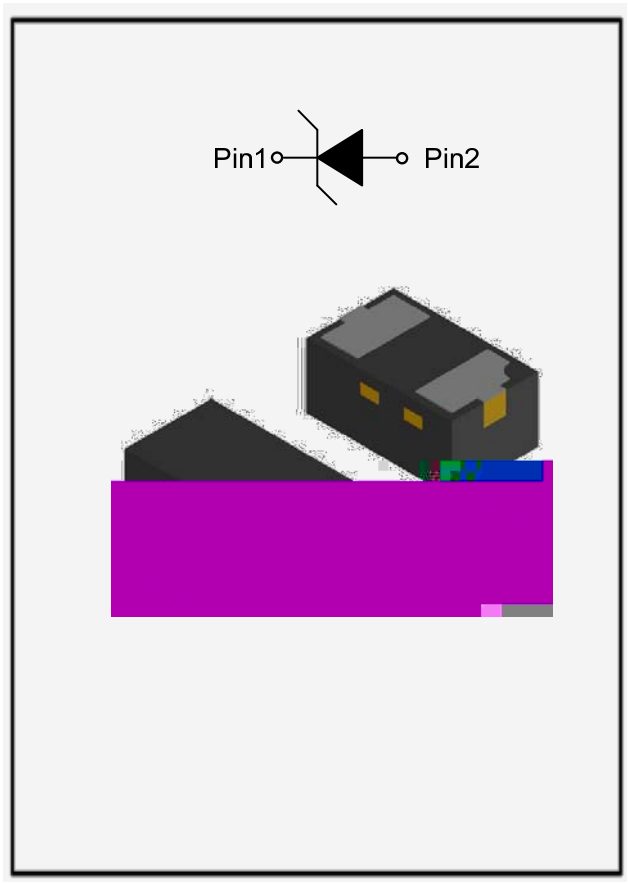
1-Line, Uni-directional, Transient Voltage Suppressor



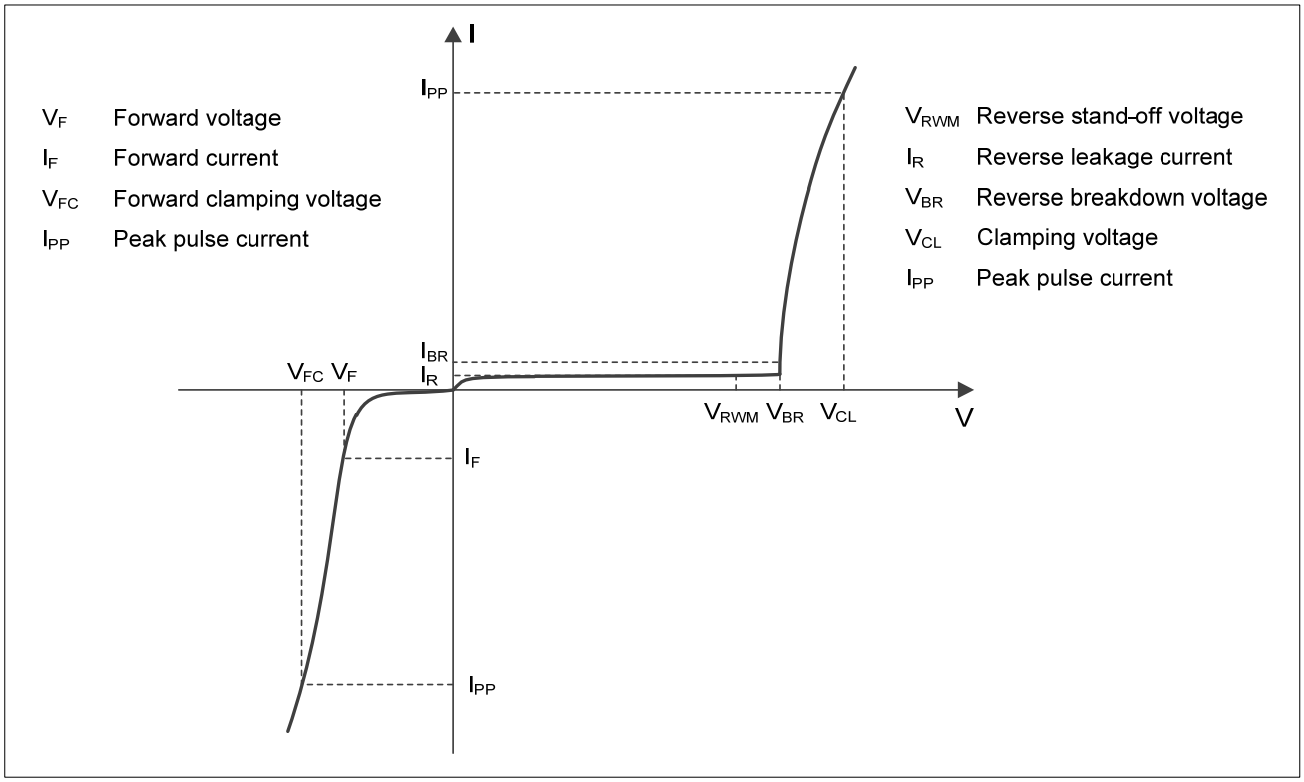
Features

Applications

Mechanical Data



Definitions of electrical characteristics



ESD5V0L

Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT

Electrical Characteristics T_a=25 Unless otherwise specified

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
1)						
1)						
2)						
3)						

Ordering Information (Example)

PREFERED P/N	PACKING CODE	UNIT WEIGHT(mg)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE

Characteristics (Typical)

Fig.1 8/20μs waveform per IEC61000-4-5

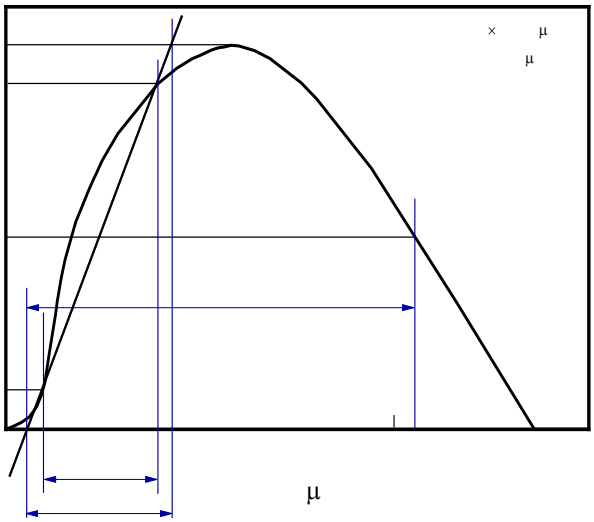


Fig.2 Contact discharge current waveform per IEC61000-4-2

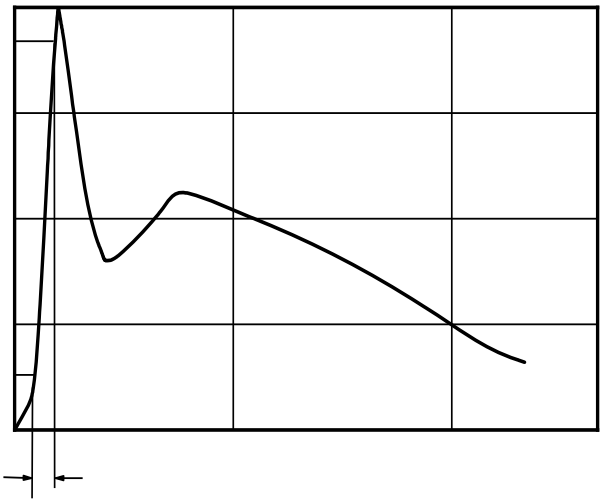


Fig.3 Clamping voltage vs. Peak pulse current

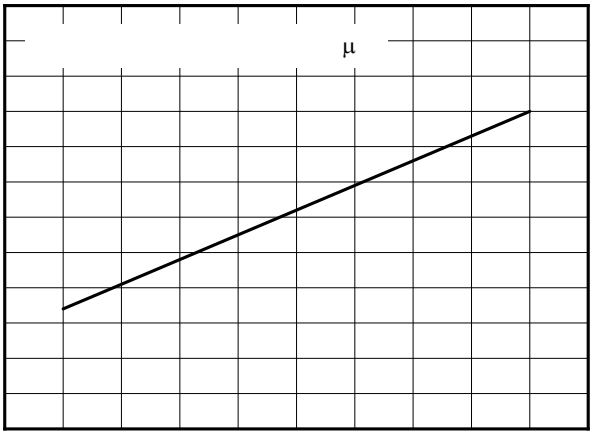


Fig.4 Capacitance vs. Reverse voltage

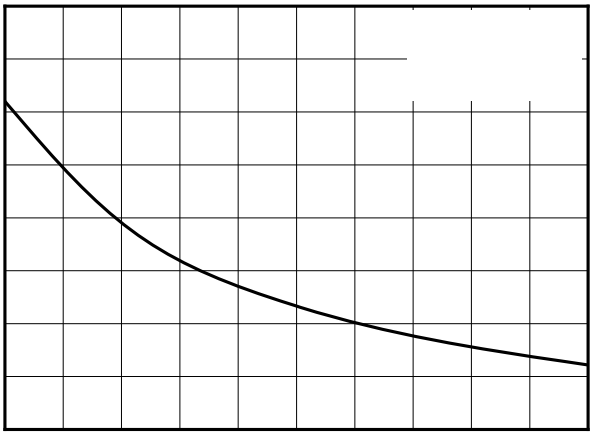


Fig.5 Non-repetitive peak pulse power vs. Pulse time

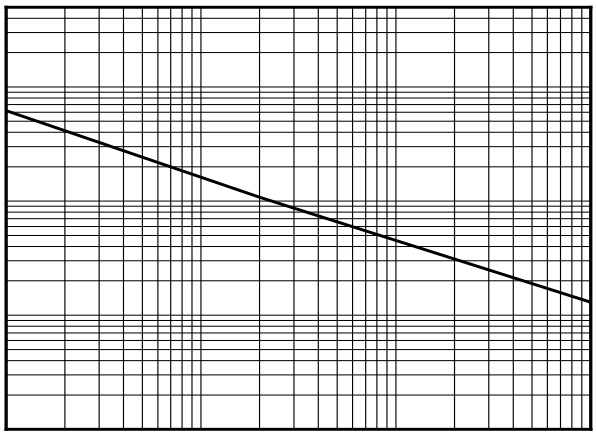


Fig.6 Power derating vs. Ambient temperature

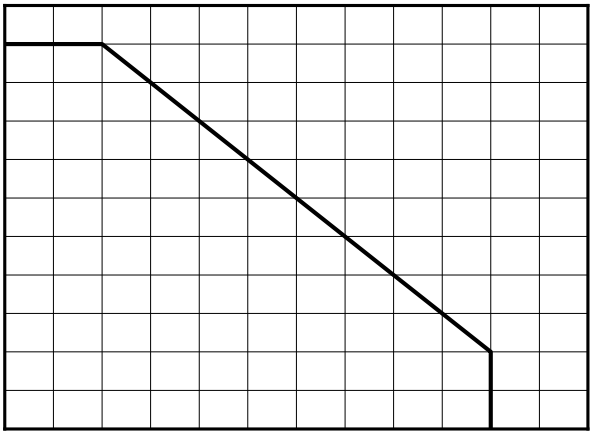
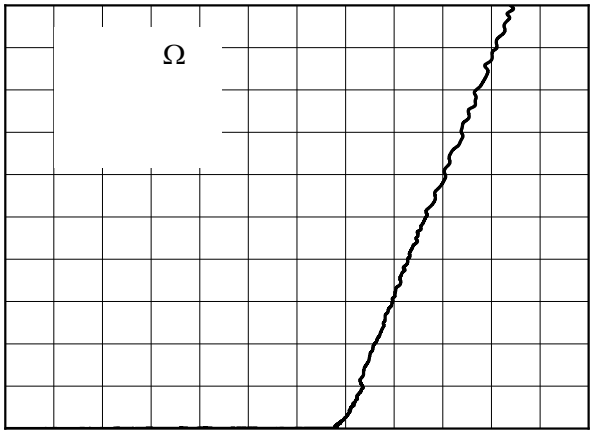
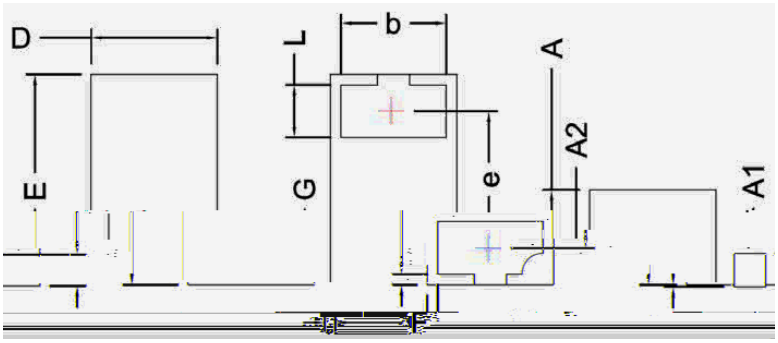


Fig.7 TLP Measurement

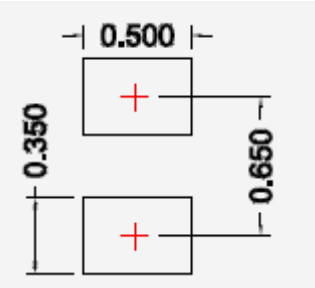


Outline Dimensions



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
D			
E			
A			
A1			
A2			
F			
G			
L			
b			
e			

■ Recommended PCB Layout



Unit:mm

Disclaimer