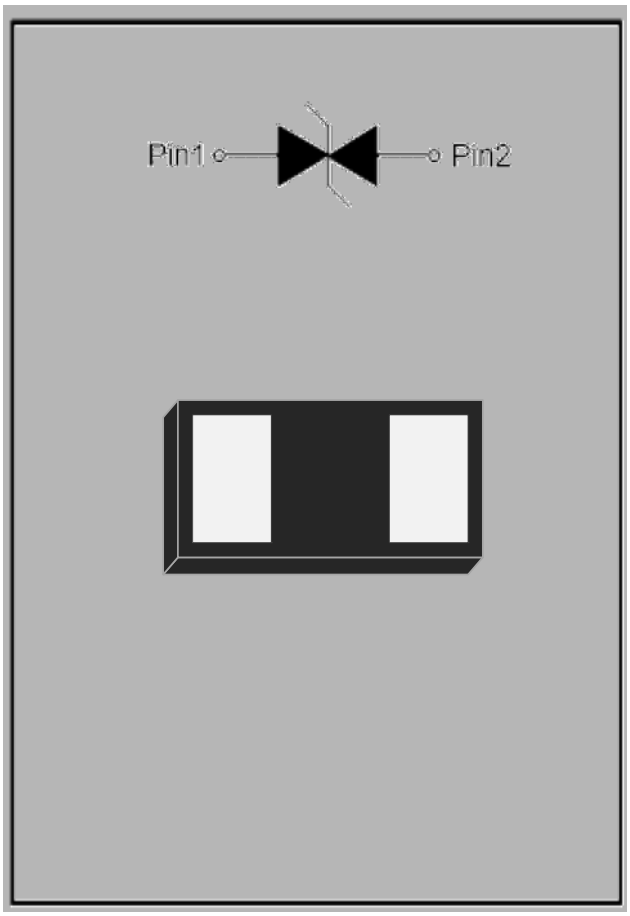
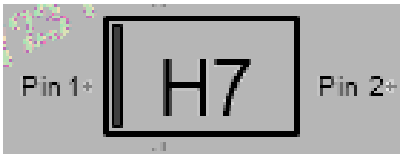
1-Line, Bi-directional, Transient Voltage Suppressor



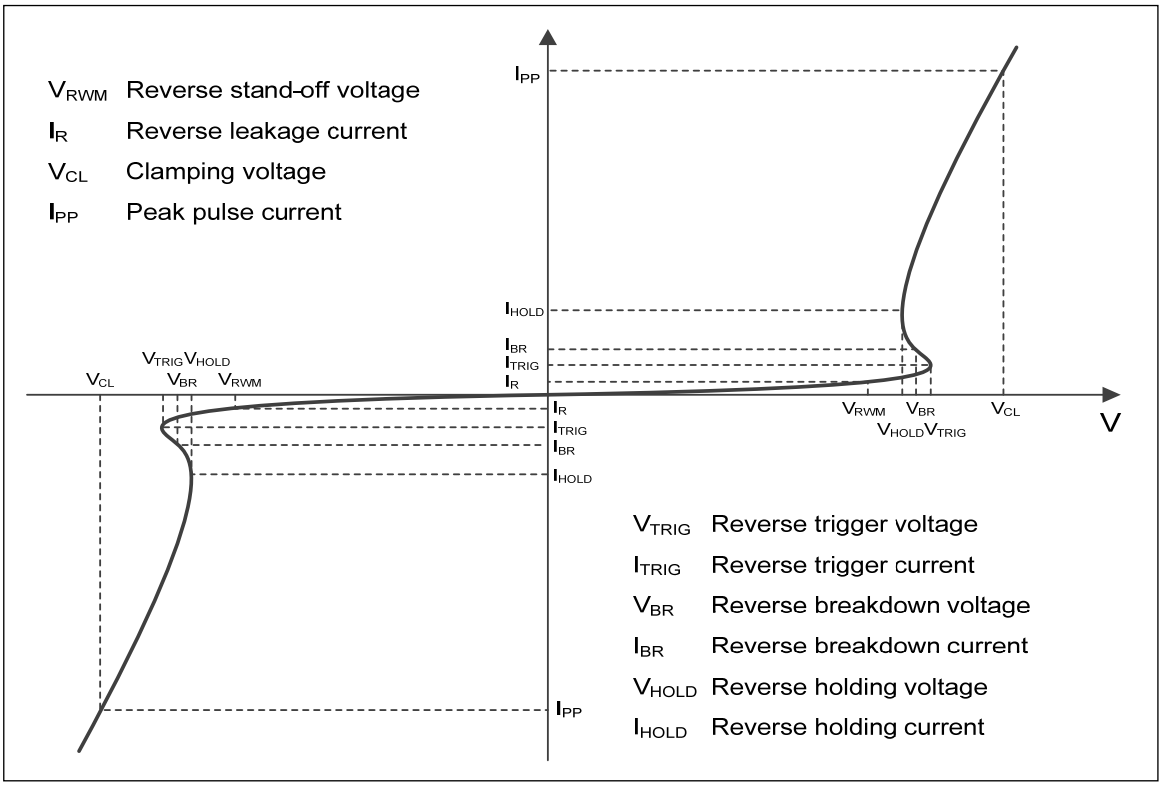
Features

Applications

Mechanical Data



Definitions of electrical characteristics



ESD7V0LZBA

Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT

Electrical Characteristics T_a=25 Unless otherwise specified

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

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

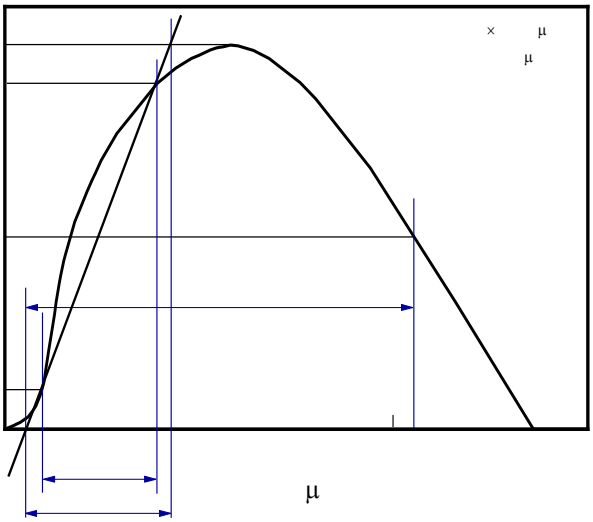


Fig.2 Contact discharge current waveform per IEC61000-4-2

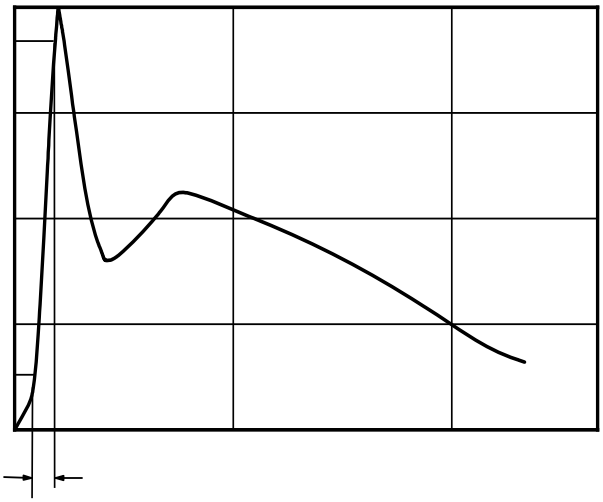


Fig.3 Clamping voltage vs. Peak pulse current

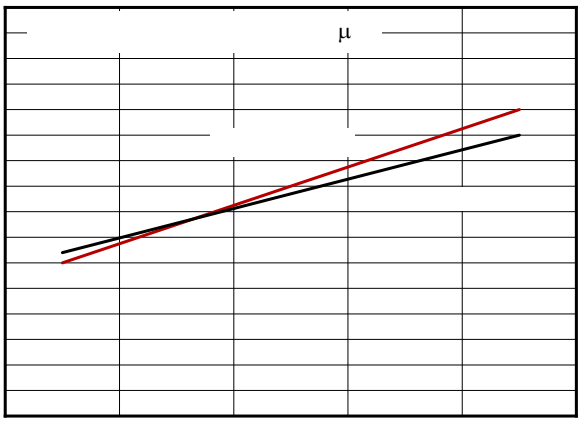


Fig.4 Capacitance vs. Reverse voltage

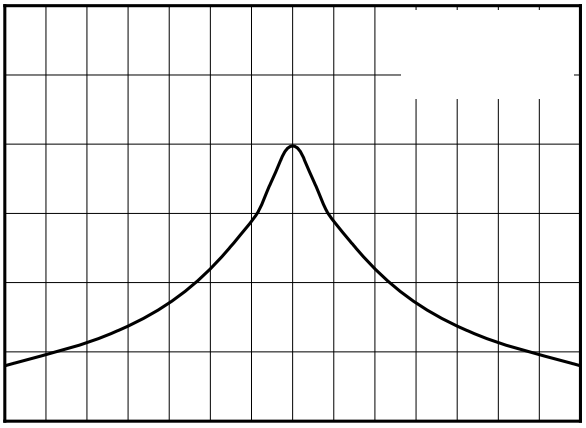


Fig.5 Non-repetitive peak pulse power vs. Pulse time

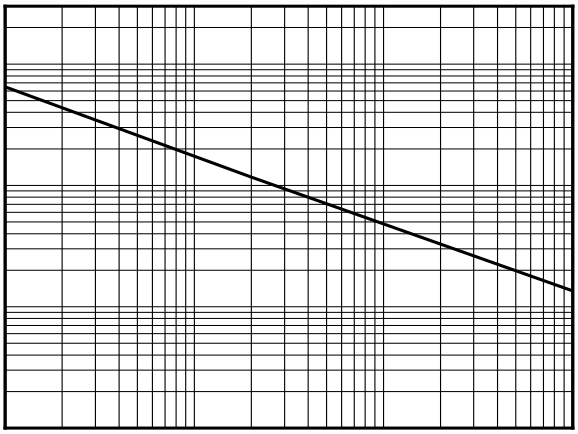


Fig.6 Power derating vs. Ambient temperature

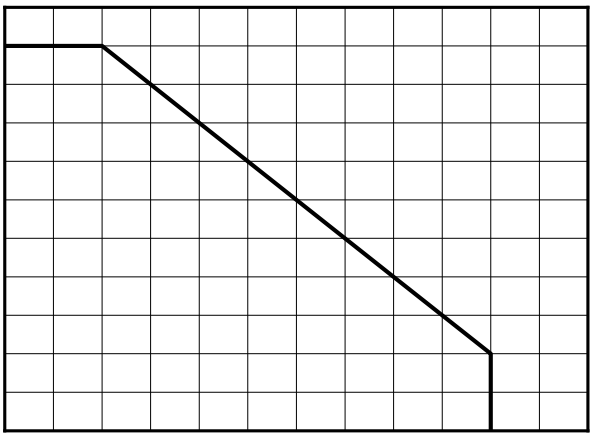
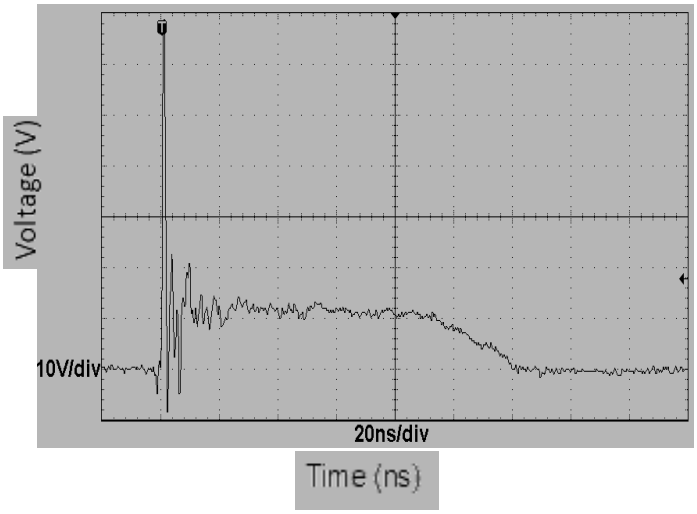
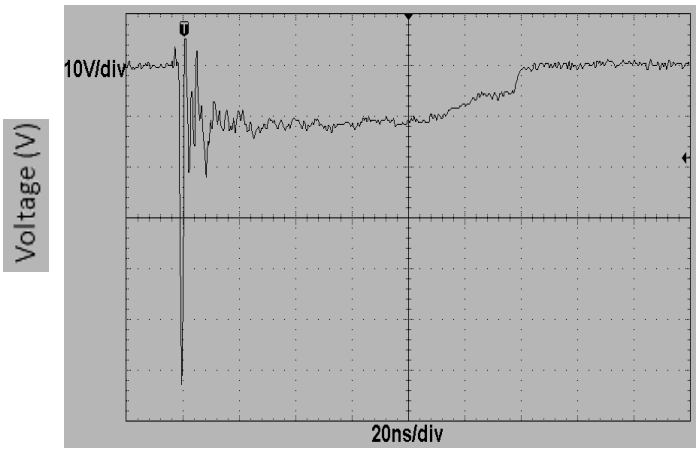


Fig.7 ESD clamping



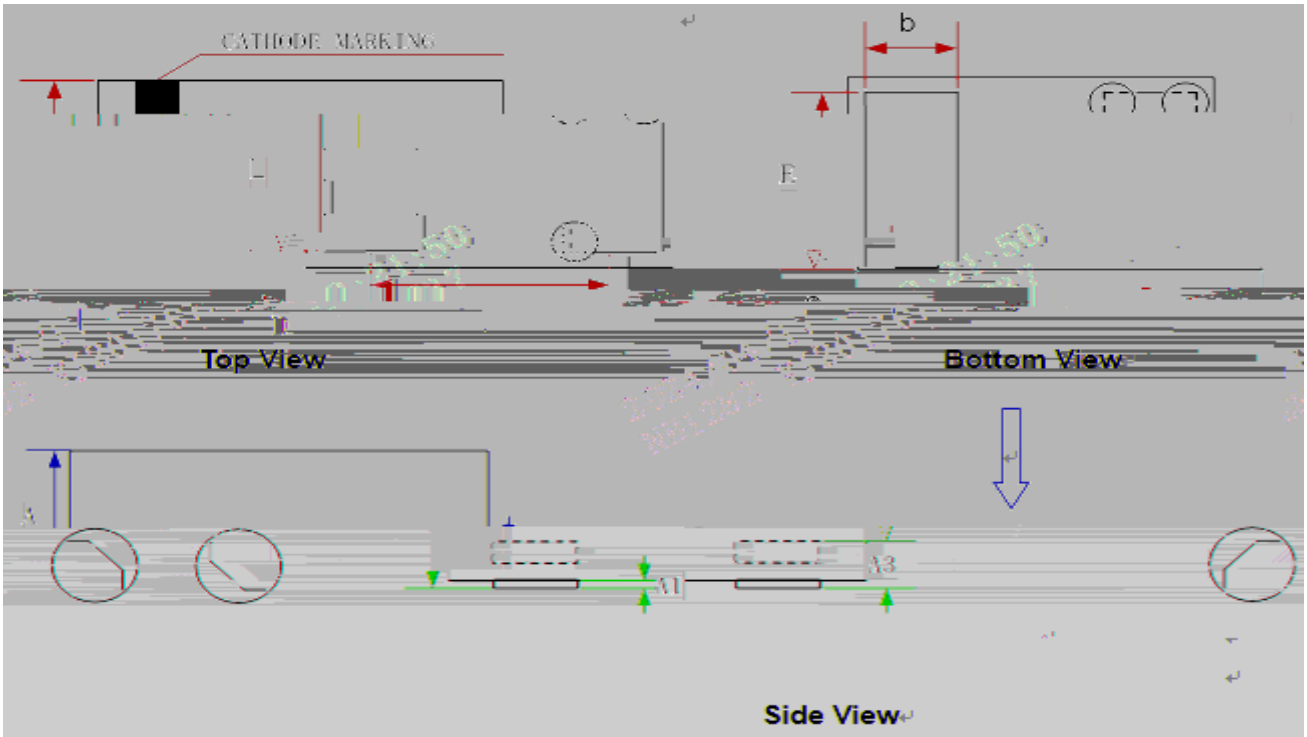
(+8kV contact discharge per IEC61000-4-2)

Fig.8 ESD clamping



(-8kV contact discharge per IEC61000-4-2)

Outline Dimensions



nensions in Millimeters		Symbol	Din
Typ.	Max.		Min.
0.300	0.350	A	0.230
-	0.050	A1	0.000
0.102REF.		A3	
0.600	0.670	D	0.550
0.300	0.370	E	0.250
0.170	0.250	b	0.100
0.240	0.280	L	0.200
0.360 BSC		e	

■ Recommended PCB Layout

Disclaimer