DFN2×2-3L TVS

TVS Array in a DFN2×2-3L Plastic Package.

/ Absolute Maximum Ratings(Ta=25)

Parameter	Symbol	Rating	Unit
Peak Pulse Power (tp = 8/20μs)	P_{PP}	5100	W
Peak Pulse Current (tp = 8/20μs)	I_{PP}	150	A
ESD per IEC 61000-4-2 (Air)	V_{ESD1}	±30	kV
ESD per IEC 61000-4-2 (Contact)	V_{ESD2}	±30	kV
Operating Temperature	T_{OPR}	-55 to +150	
Storage Temperature	T_{STG}	-55 to +150	

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Stand-Off Voltage	V_{RWM}				24	V
Reverse Breakdown Voltage	V_{BR}	It=1mA	26		32	V
Reverse Leakage Current	I_R	V_{RWM}=24V T=25			1	μA
Clamping Voltage	V_C	I_{PP} =150A t_p=8/20μS			34	V
Capacitance. Any I/O pin to GND	C_J	V_R=0V f=1MHz		660		pF

/ Electrical Characteristic Curve

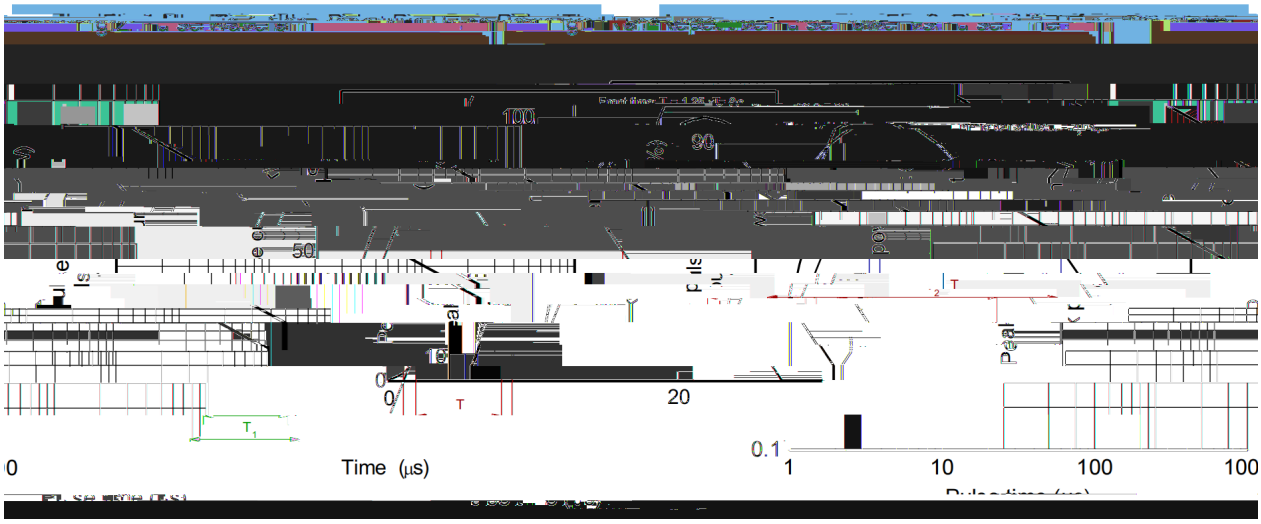
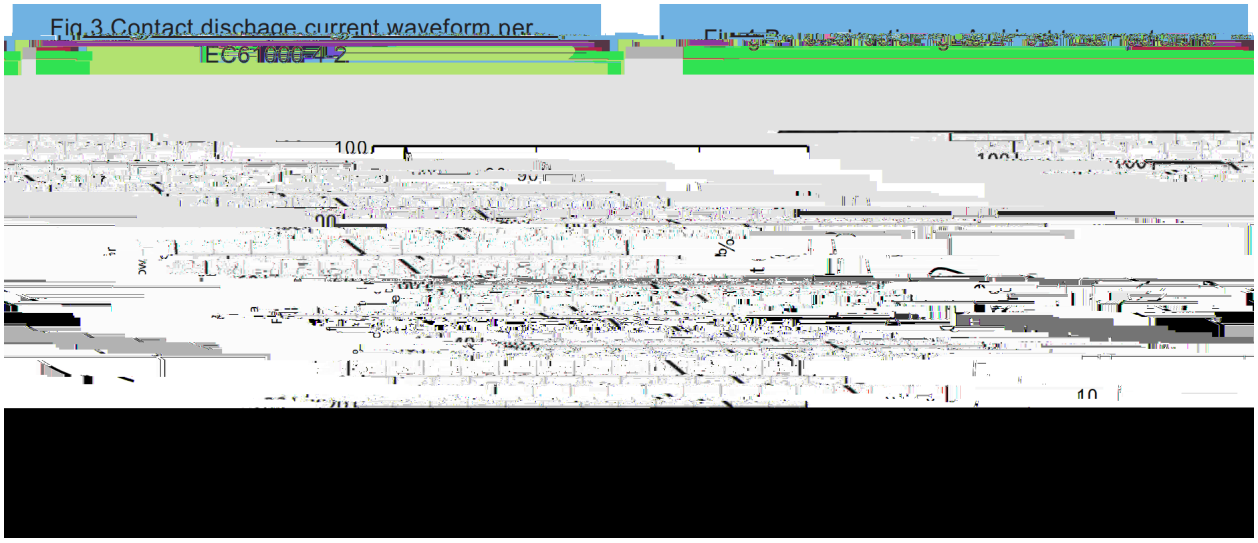
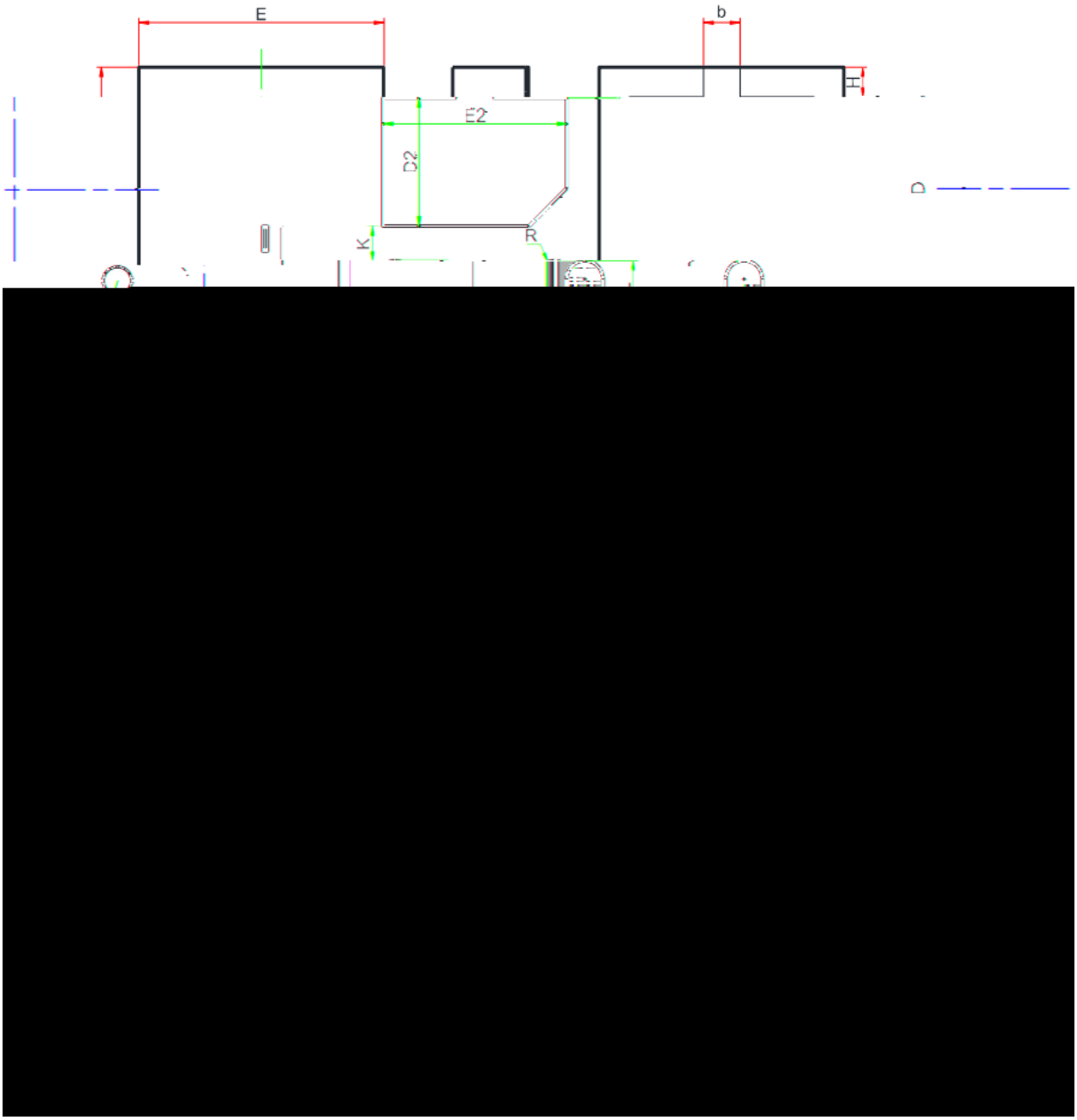


Fig.3 Contact discharge current waveform per IEC61000-4-2



/ Package Dimensions



/ Marking Instructions



H24

Note:

H24: Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)