

Figure 1. 8/20 us pulse waveform according to IEC 61000-4-5

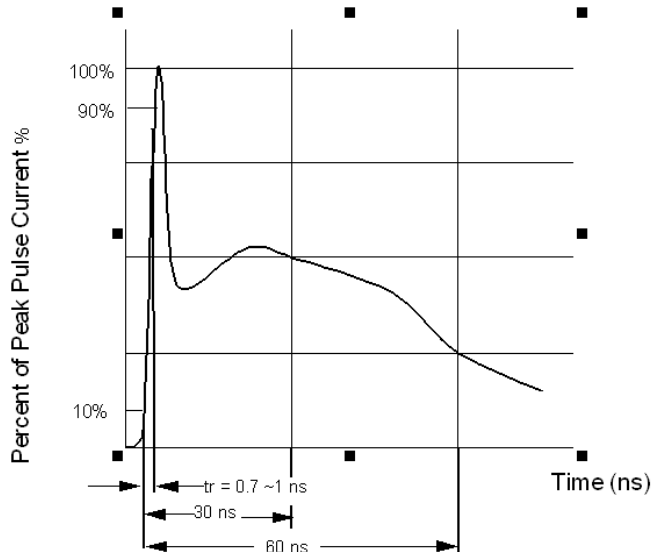


Figure 2. ESD pulse waveform according to IEC 61000-4-2

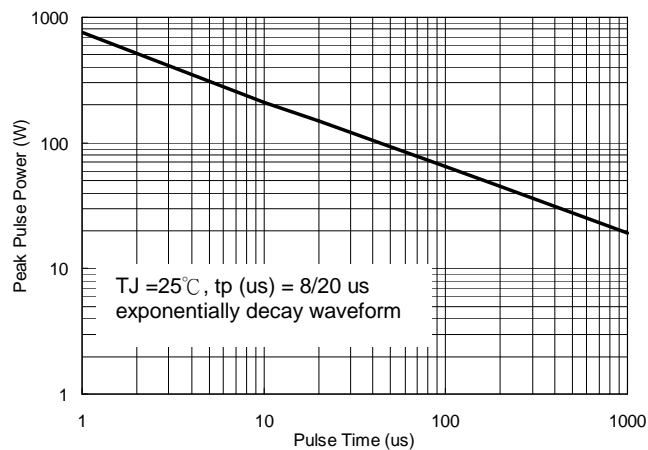


Figure 3. Power Dissipation versus Pulse Time

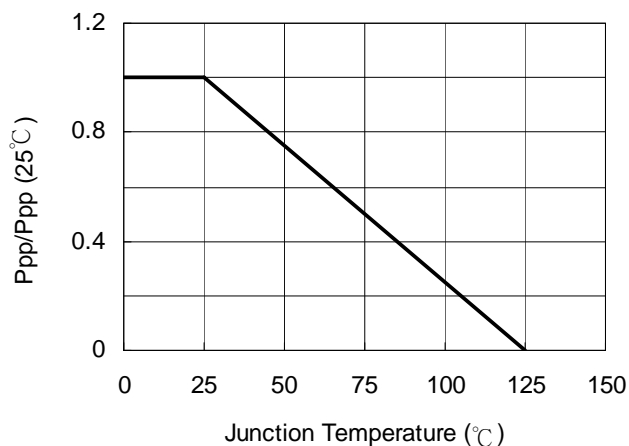


Figure 4. Peak pulse power versus T_J

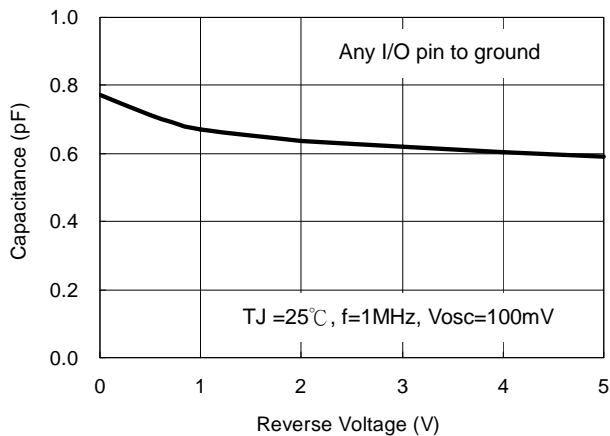


Figure 5. Typical Junction Capacitance

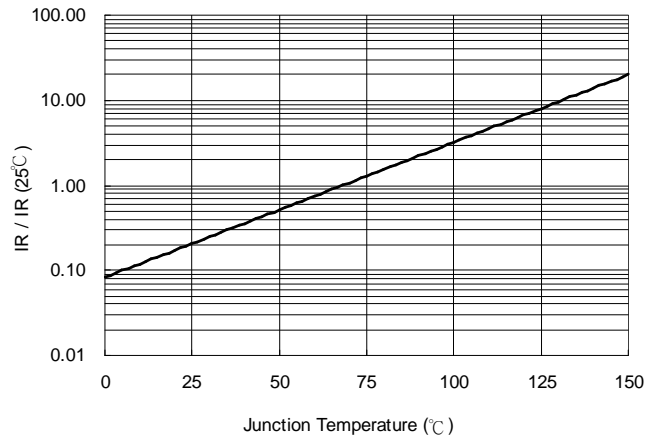


Figure 6. Reverse Leakage Current versus T_J

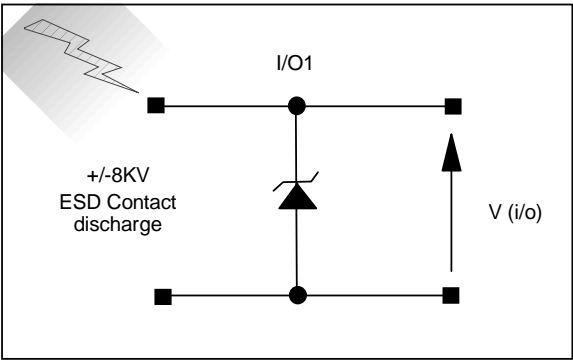


Figure 7. ESD Test Configuration

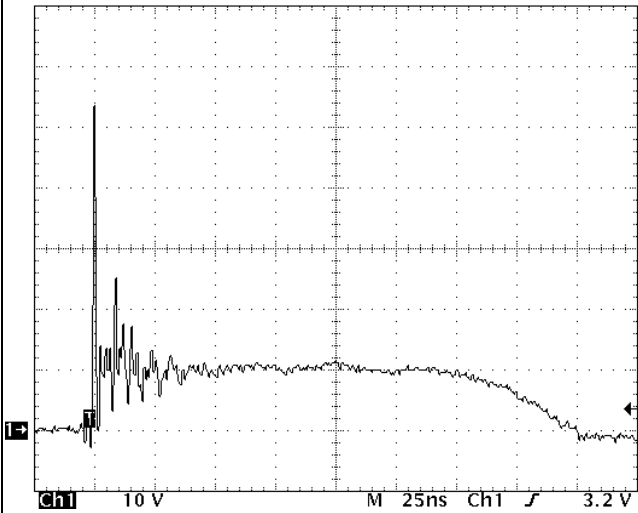


Figure 8. Clamped +8 kV ESD voltage waveform

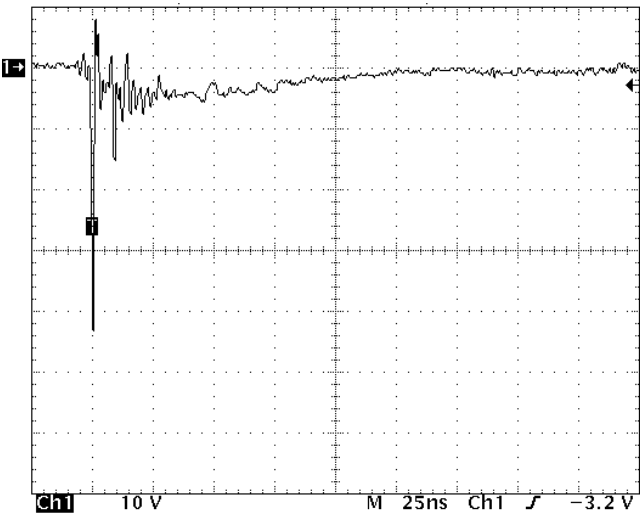
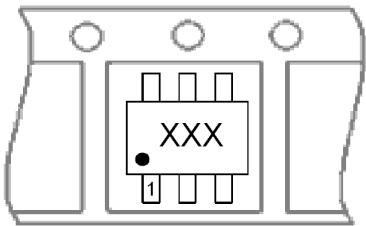


Figure 9. Clamped -8 kV ESD voltage waveform

Marking & Orientation

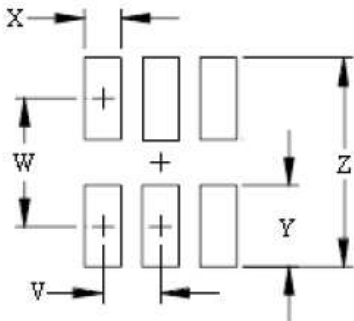


DEVICE	Wire	Marking	Packing
L12ESDL5V0C6-4	Au	LC5	Taping / Reel
L12ESDL5V0C6-4C	Cu	LCV	Taping / Reel

Packaging Information

DEVICE	Q'TY/REEL (PCS)	REEL DIA. (INCH)	Q'TY/BOX (PCS)	Q'TY/CARTON (PCS)
L12ESDL5V0C6-4 L12ESDL5V0C6-4C	3000	7	45000	90K/180K

SOT23-6L Soldering Pad Layout



Dim.	Millimeters	Inches
Z	3.60	0.141
X	0.80	0.031
W	2.60	0.102
Y	1.00	0.039
V	0.95	0.037

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