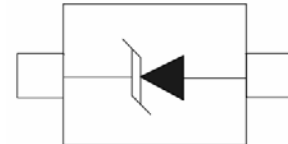




- ✧ Protects one uni-directional I/O line
- ✧ Low clamping voltage
- ✧ Working voltages: 24V
- ✧ Low leakage current
- ✧ 2 Notebooks, desktops, and servers
- ✧ Portable instrumentation
- ✧ Peripherals
- ✧ Digital cameras



SOD-523



- ✧ IEC61000-4-2 (ESD) $\pm 22\text{kV}$ (air), $\pm 22\text{kV}$ (contact)
- ✧ IEC61000-4-4 (EFT) 40A (5/50ns)
- ✧ IEC61000-4-5 (Lightning) 4A (8/20 μs)

- ✧ SOD-523 package
- ✧ Molding compound flammability rating : UL 94V-0
- ✧ Quantity per reel : 8,000pcs
- ✧ Lead finish : lead free
- ✧ Marking code 24

FIG.3: Pulse derating curve

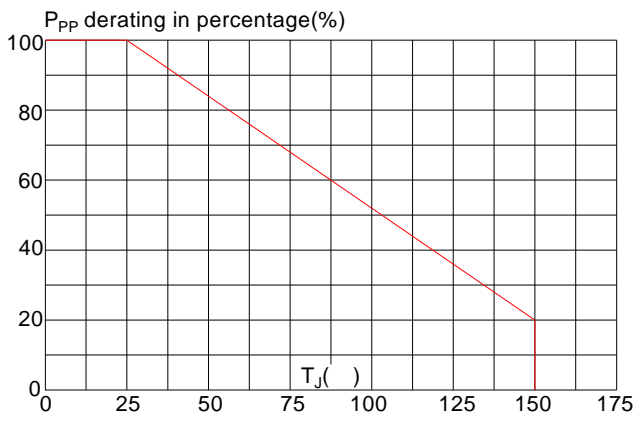
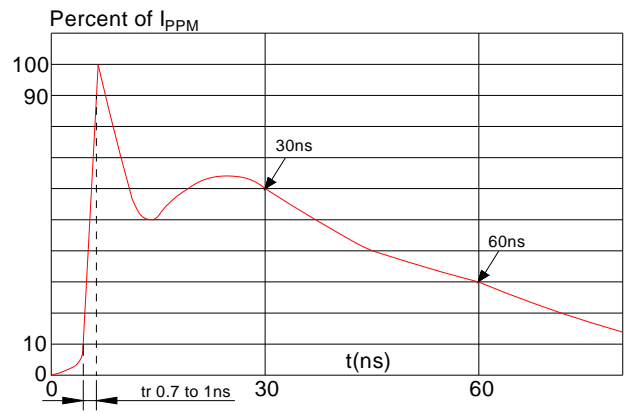


FIG.4: ESD clamping (22KV contact)



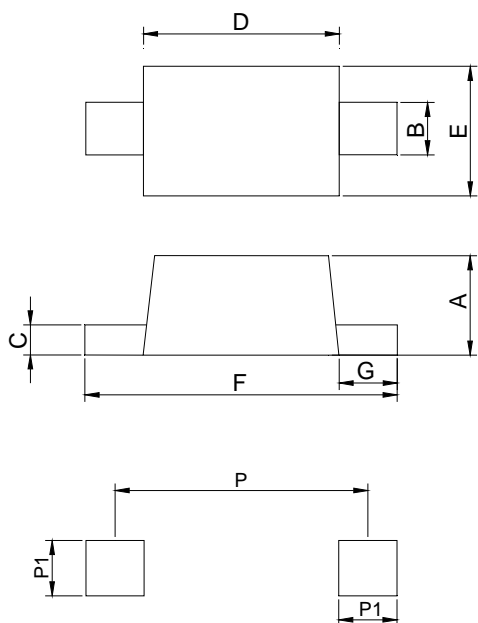
Reflow Condition

Pb-Free assembly
(see figure at right)

-Temperature Min (T_{s(min)})

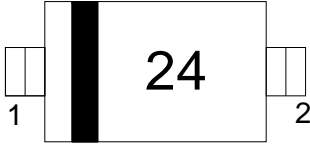
Pre

Heat



Land Pattern

Symbol	Millimeters			Inches		
	Min	Typ	Max	Min	Typ	Max
A	0.50	0.61	0.77	0.020	0.024	0.030
B	0.25	0.30	0.40	0.010	0.012	0.016
C	0.07	0.13	0.20	0.003	0.005	0.008
D	1.10	1.20	1.30	0.043	0.047	0.051
E	0.70	0.80	0.90	0.028	0.031	0.035
F	1.50	1.60	1.70	0.059	0.063	0.067
G	0.15	0.20	0.25	0.006	0.008	0.010
P1	0.60			0.024		
P	1.42			0.056		

Part Number	Marking Code
JEU24D5-AU	


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