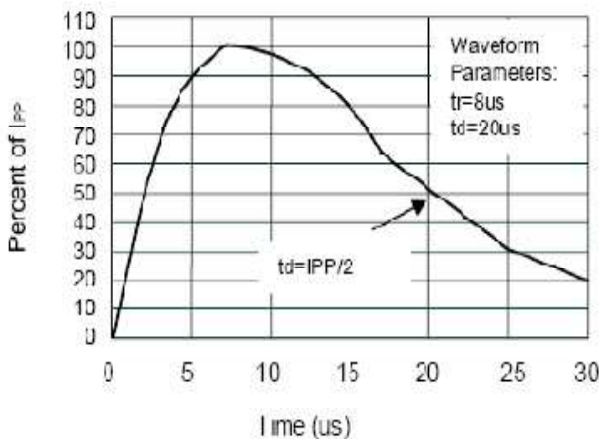


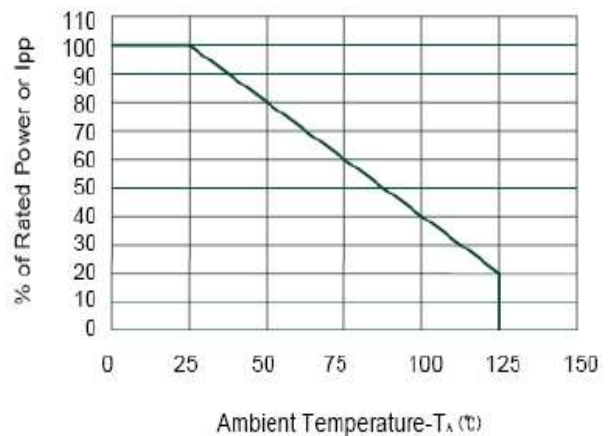
Electrical Characteristics (T_A=25°C unless otherwise specified)

Symbol	Param	Test Condition	Min	Typ	Max	Units
V _{RWM}	Reverse Working Voltage				3.3	V
V _{BR}	Reverse Breakdown Voltage	I _T = 1mA	3.6			V
I _R	Reverse Leakage Current	V _{RWM} = 3.3V			1.0	μA
V _C	Clamping Voltage	I _{PP} = 1A, t _p = 8/20μs			8.0	V
V _C	Clamping Voltage	I _{PP} = 7A, t _p = 8/20μs			12	V
C _J	Junction Capacitance	V _R = 0V, f = 1MHz			15	pF

ELECTRICAL CHARACTERISTICS CURVE

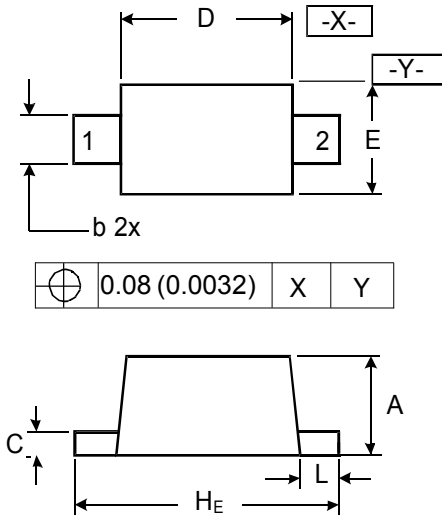


Pulse Waveform



Power Derating Curve

Outline Drawing – SOD-523



DIMENSIONS

SYMBOL	MILLIMETER		INCHES	
	MIN	MAX	MIN	MAX
A	0.50	0.70	0.020	0.028
b	0.25	0.35	0.010	0.014
C	0.07	0.20	0.0028	0.0079
D	1.10	1.30	0.043	0.051
E	0.70	0.90	0.028	0.035
H _E	1.50	1.70	0.059	0.067
L	0.15	0.25	0.006	0.010

Marking



Ordering information

Order code	Package	Baseqty	Deliverymode
ESD5Z3.3C	SOD-523	3000	Tape and reel