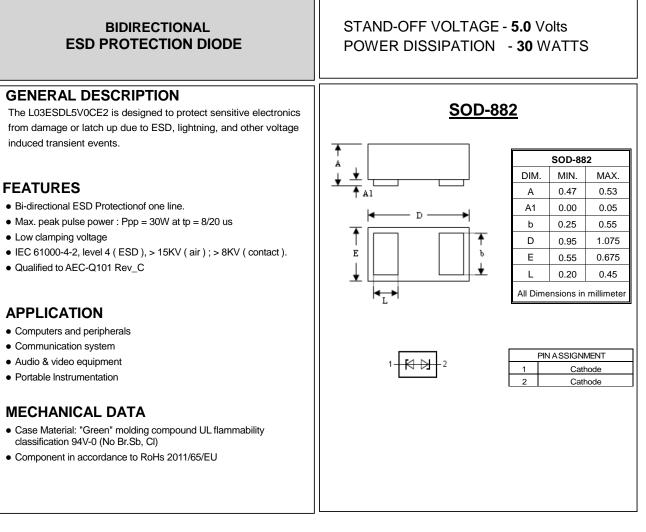


L03ESDL5V0CE2



MAXIMUM RATINGS (Tj= 25°C unless otherwise noticed)

Rating	Symbol	Value	Unit
Peak pulse Power (8/20us Waveform)	Рррм	30	W
Peak Pulse Current (8/20us Waveform)	IPP	2	А
Operating Junction Temperature Range	TJ	-55 to + 105	°C
Storage Temperature Range	Tstg	-55 to + 150	°C
Soldering Temperature, t max = 10s	ΤL	260	°C

ELECTRICAL CHARACTERISTICS (Tj= 25°C unless otherwise noticed)

Parameter	Symbol	Conditions	Min.	Тур.	Max.	Unit
Reverse standoff voltage	Vdrm				5.0	V
Reverse leakage current	Iгм	VDRM = 5 V			100	nA
Breakdown voltage	Vbr	IR = 1 mA	5.5		9.5	V
Junction capacitance	CJ	VR = 0 V , f = 1MHz		3.0	3.5	pF
Clamping voltage	VCL	IPP = 1 A (8/20us)			12	V
Clamping voltage	VCL	IPP = 2 A (8/20us)			15	V
				REV.5	Jan-2017	KSIR51

RATING AND CHARACTERISTIC CURVES L03ESDL5V0CE2

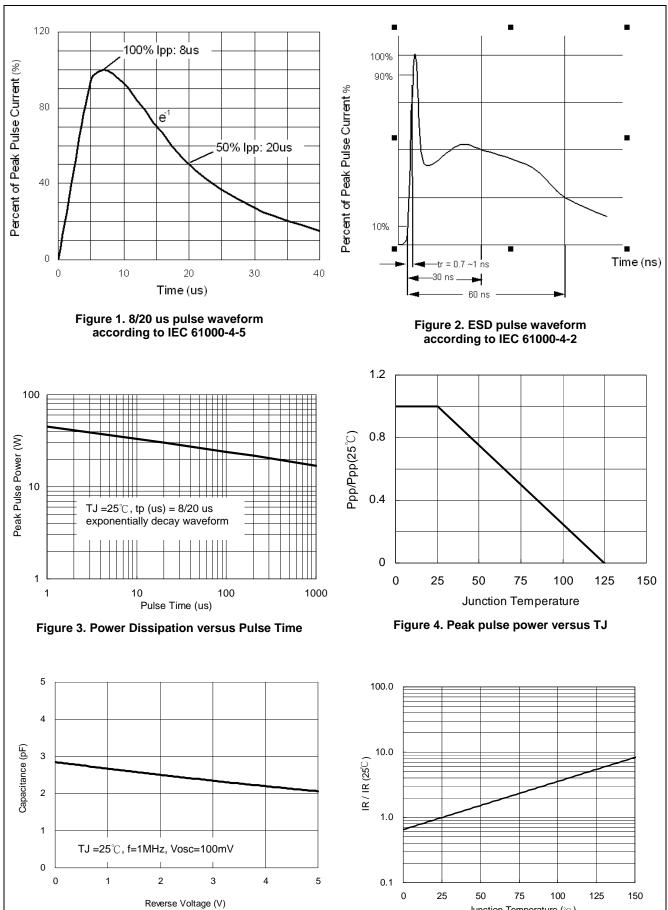
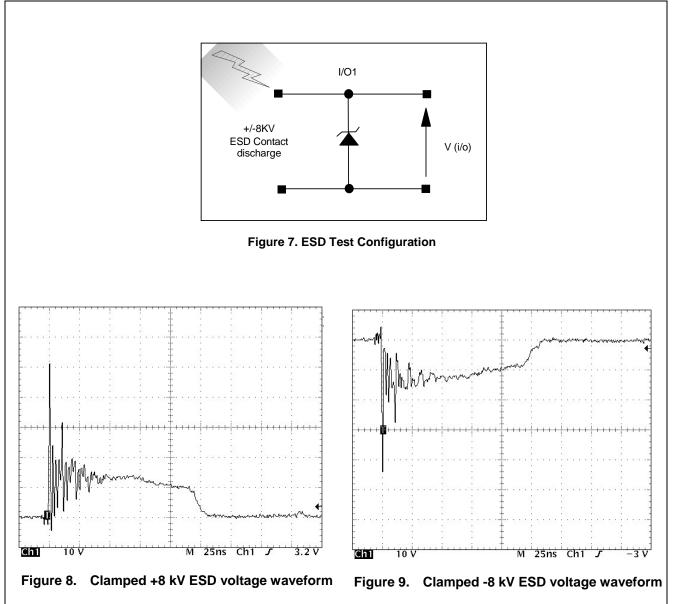


Figure 5. Typical Junction Capacitance

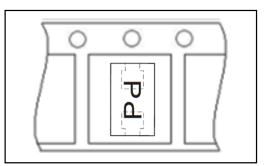
RATING AND CHARACTERISTIC CURVES L03ESDL5V0CE2







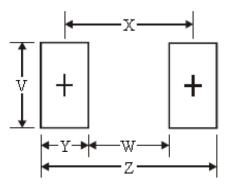
Marking & Orientation



Packaging Information

DEVICE	Q'TY/REEL	REEL DIA.	Q'TY/BOX	Q'TY/CARTON
	(PCS)	(INCH)	(PCS)	(PCS)
L03ESDL5V0CE2	10K	7	150K	300K

SOD-882 Soldering Pad Layout



Dim.	Millimeters	Inches
Z	1.30	0.051
Х	0.75	0.029
W	0.20	0.007
Y	0.55	0.021
V	0.80	0.031



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