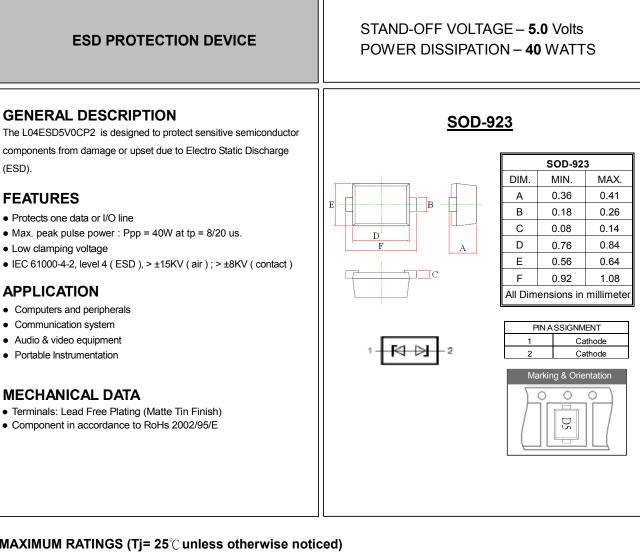


### L04ESD5V0CP2



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

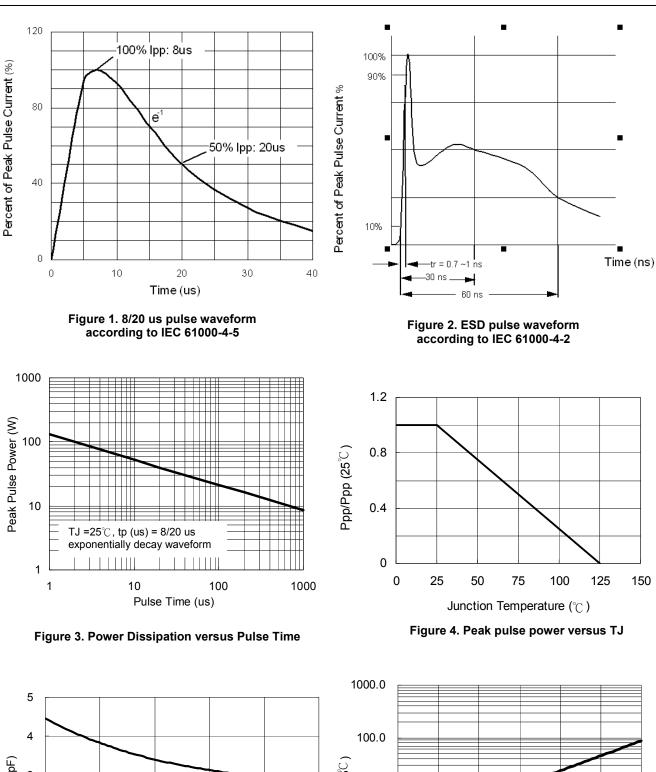
Rating		Value	Unit
Peak Pulse Power (tp = 8/20us)	Ppk	40 (Max)	W
Peak Pulse Current (tp = 8/20us)	Ipp	3.5	А
Operating Junction Temperature Range	TJ	-55 to + 125	°C
Storage Temperature Range	Tstg	-55 to + 150	°C
Soldering Temperature, t max = 10s	T∟	260	°C

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

Parameter	Symbol	Conditions	MIn	Тур	Max	Unit		
Reverse standoff voltage	V <sub>RWM</sub>				5.0	V		
Breakdown voltage	VBR	IR = 1 mA	5.5		8.5	V		
Reverse leakage current	IRM	$V_{DRM} = 5V$			0.1	uA		
Clamping Voltage	Vc	$I_{PP} = 1A$ , tp = 8/20µs			9.0	V		
Clamping Voltage	Vc	I <sub>PP</sub> = 3.5A, tp = 8/20µs			12.5	V		
Junction capacitance	CJ	$V_R$ = 0V, f = 1MHz		4.5		pF		
					PEV/ 2 Oct 2010 KSIP27			

REV. 2, Oct-2010, KSIR27

## RATING AND CHARACTERISTIC CURVES L04ESD5V0CP2



10.0

1.0

0.1

0

25

50

75

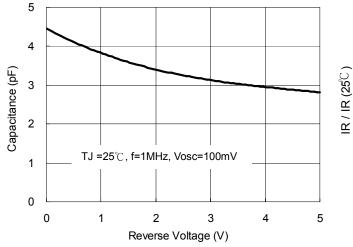
Junction Temperature ( $^{\circ}_{\mathbb{C}}$ ) Figure 6. Reverse Leakage Current versus TJ

100

125

150

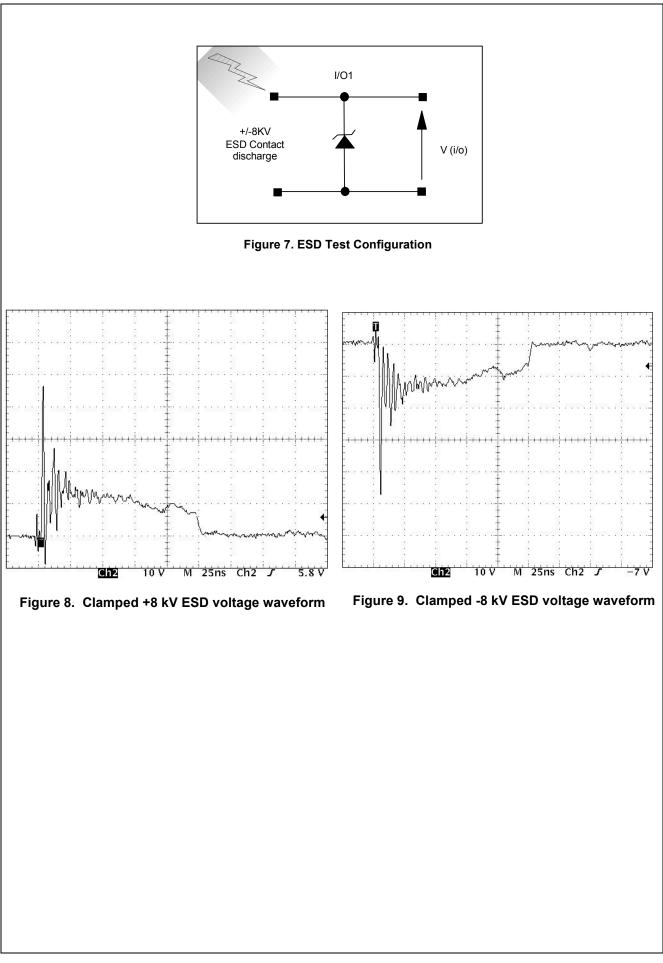
EON





# RATING AND CHARACTERISTIC CURVES L04ESD5V0CP2







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