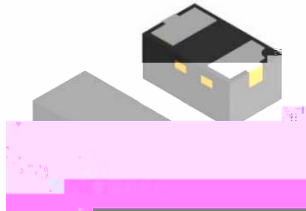
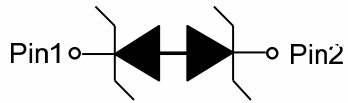


1- Line, Bi-directional, ESD protection diode



DFN1006-2L

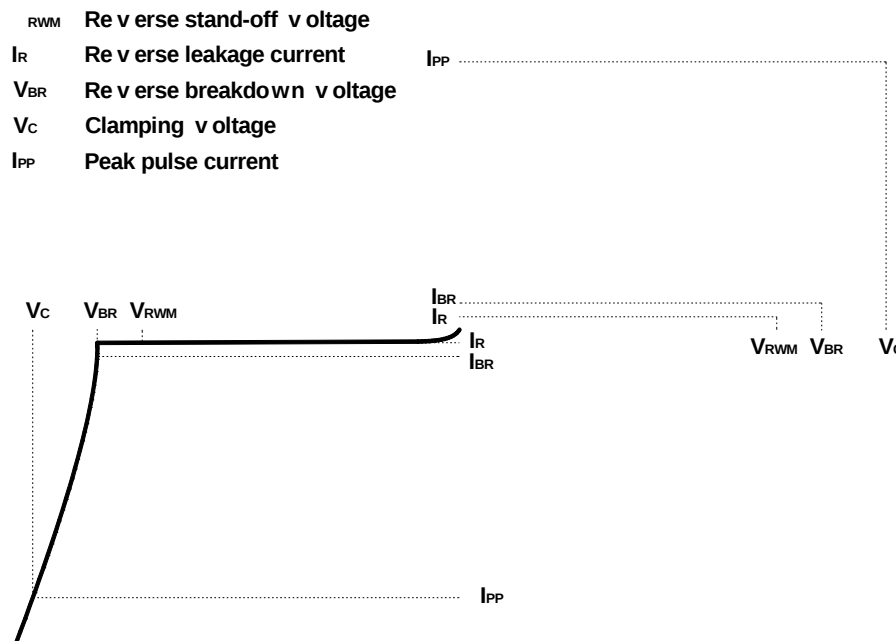
Features

- Transient protection for each line according to IEC61000-4-2(ESD): $\pm 14\text{kV}$ contact, $\pm 14\text{kV}$ air IEC61000-4-5: 3A ($t_p=8/20\mu\text{s}$)
- Low leakage current
- Extremely low capacitance $C_d = 0.37\text{ pF}$
- Low clamping voltage
- Part no. with suffix "Q" means AEC-Q101 qualified

Applications

- Computers and peripherals
- Portable electronics

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■Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
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■ Characteristics (Typical)

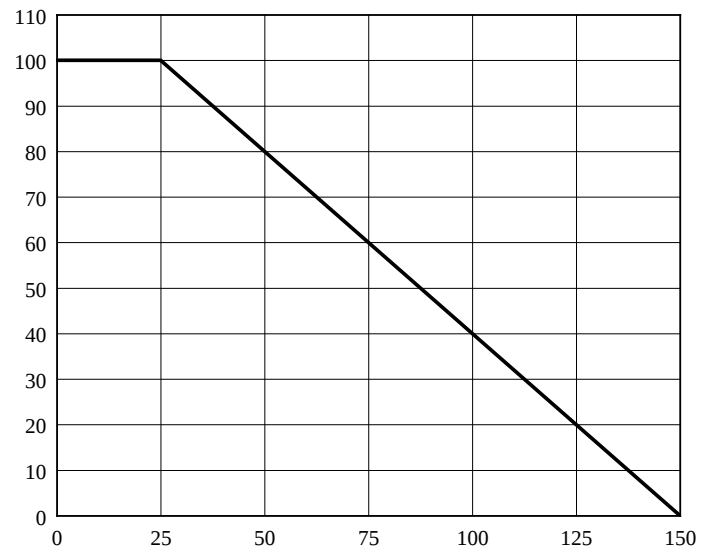
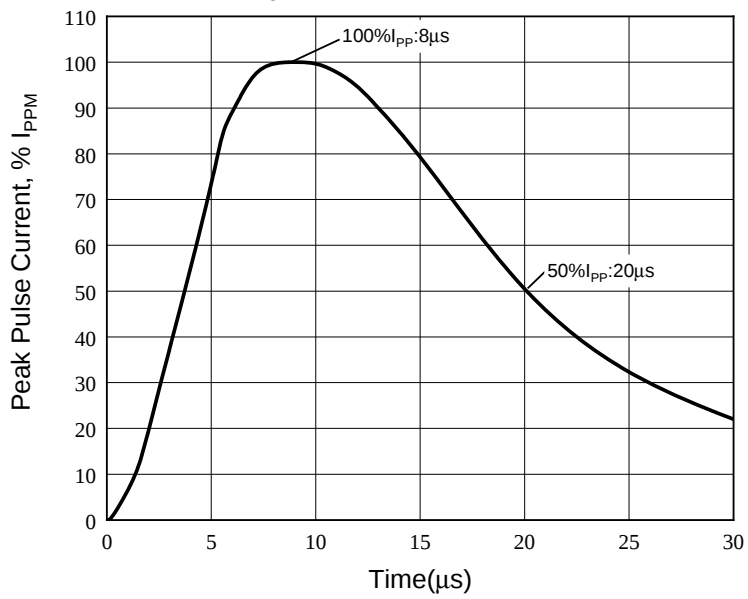


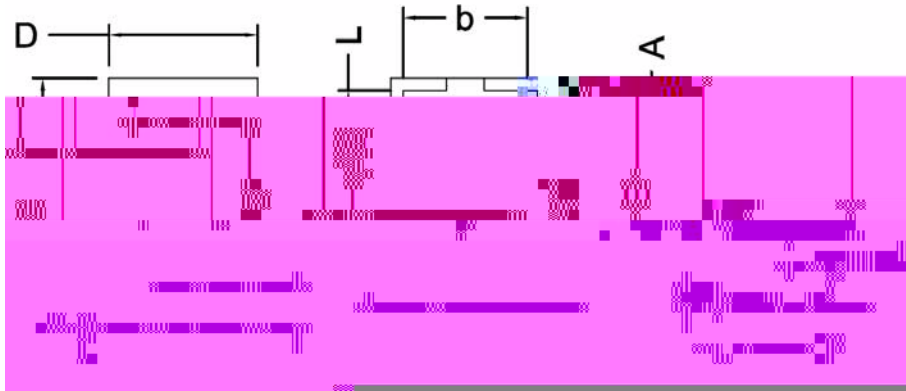
Fig.3: 8/20μs Pulse Waveform



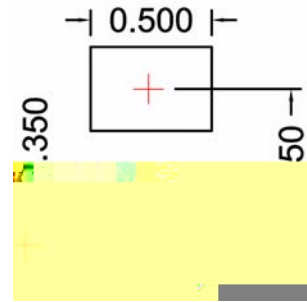


ESDSLC5V5LBQ

■ Outline Dimensions

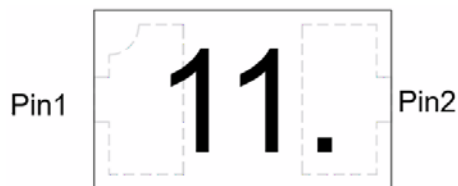


UNITED SYMBOL			
MIN	NOM	MAX	
0.50	0.60	0.70	D
0.90	1.00	1.10	F
0.35	0.45	0.55	A1
0.15 BSC			
		0.10	A2
0.005			F
0.005			G
0.15	0.25	0.35	L
b	0.41	0.50	0.59
e	0.65 BSC		



Unit mm

■ Marking Information



Note:

1. All marking is at middle of the product body
2. All marking is in laser marking
3. Body color: Black

