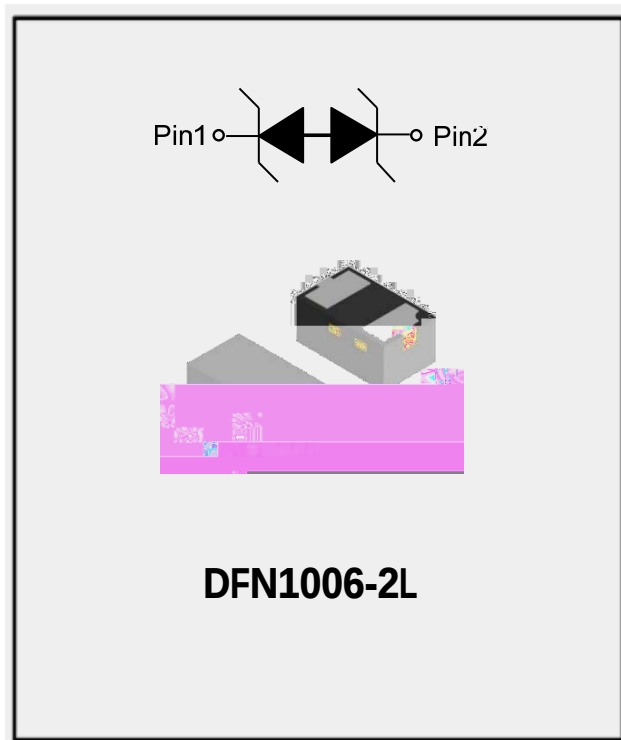


1- Line, Bi-directional, ESD protection diode



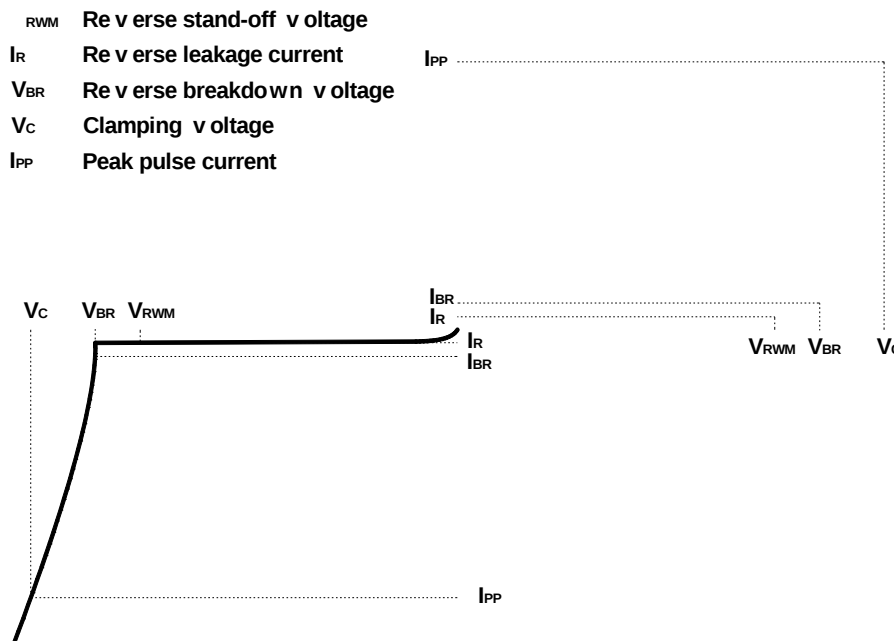
Features

- 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

đ l





■Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
-----------	--------	--------	------



■ Characteristics (Typical)

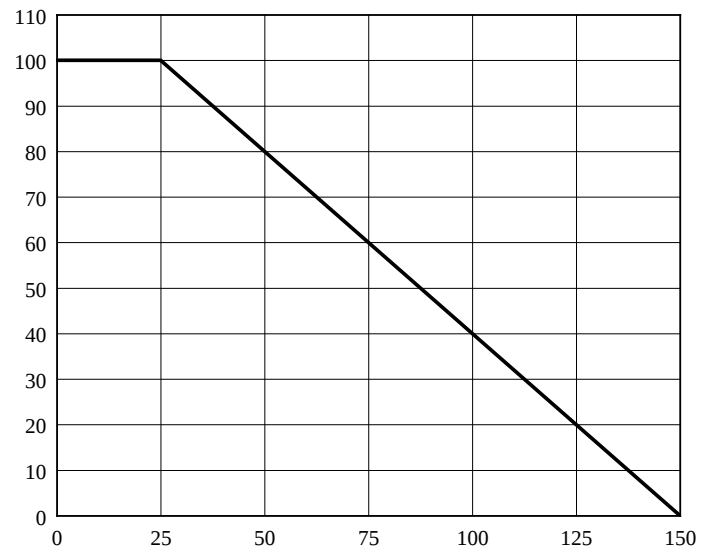
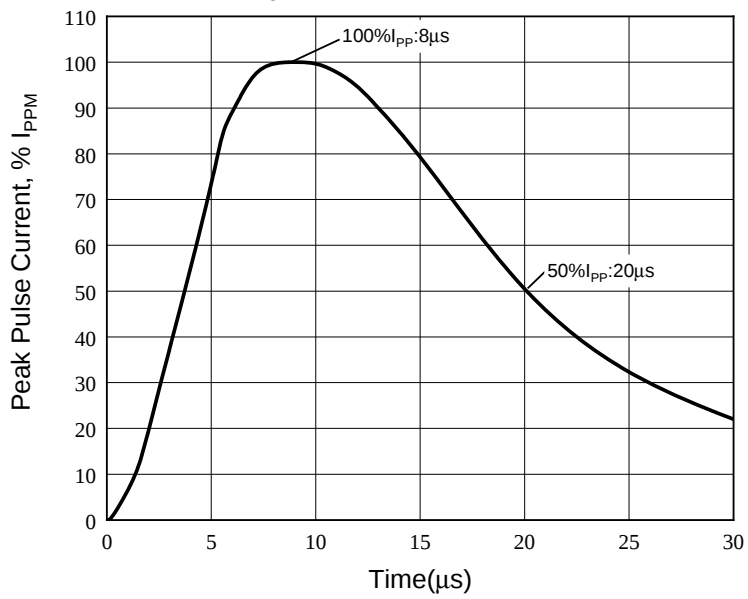
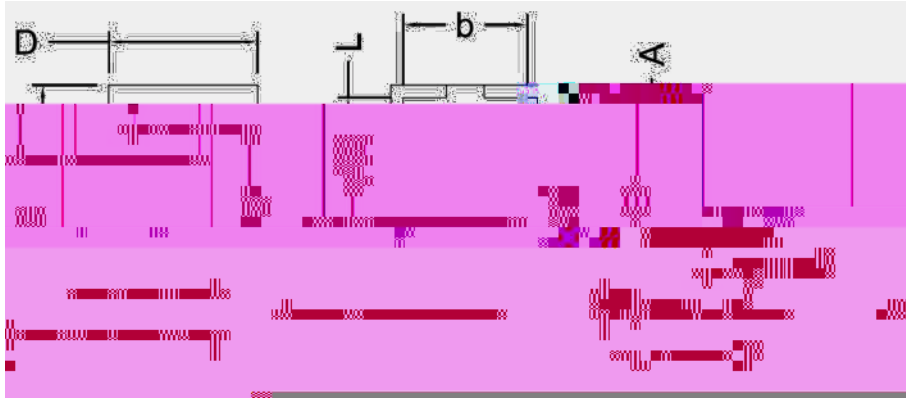


Fig.3: 8/20μs Pulse Waveform

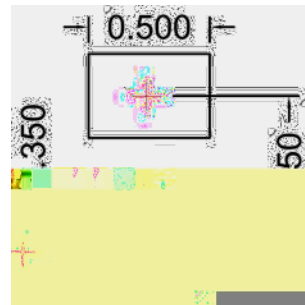




■ Outline Dimensions



UNIT: mm				
MIN	NOM	MAX		
0.50	0.60	0.70		D
0.90	1.00	1.10		F
0.35	0.45	0.55		A
0.15 BSC				A1
0.10				A2
0.005				F
0.005				G
0.15	0.25	0.35		L
0.41	0.50	0.59		
0.65 BSC				e



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

