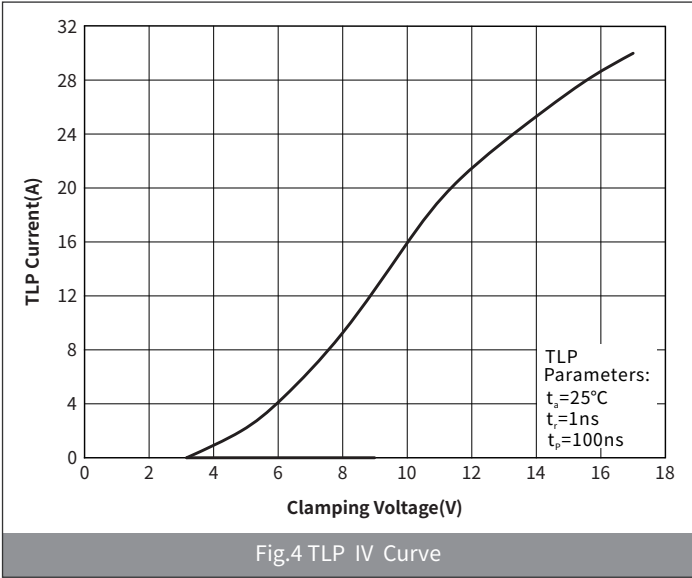
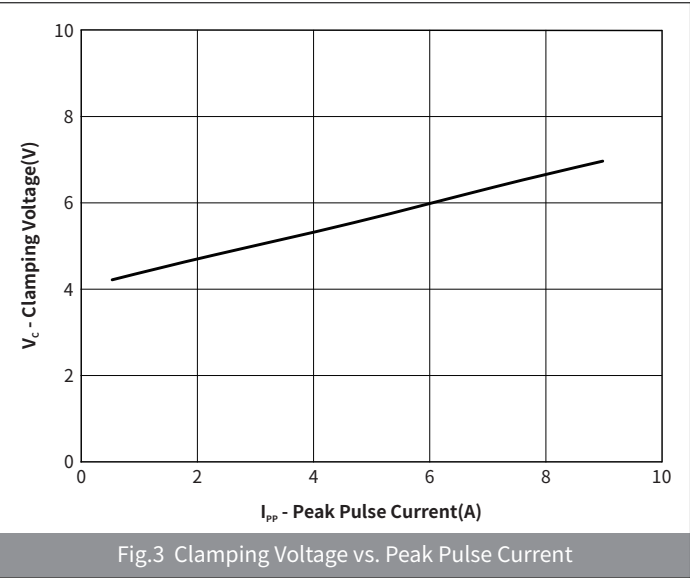
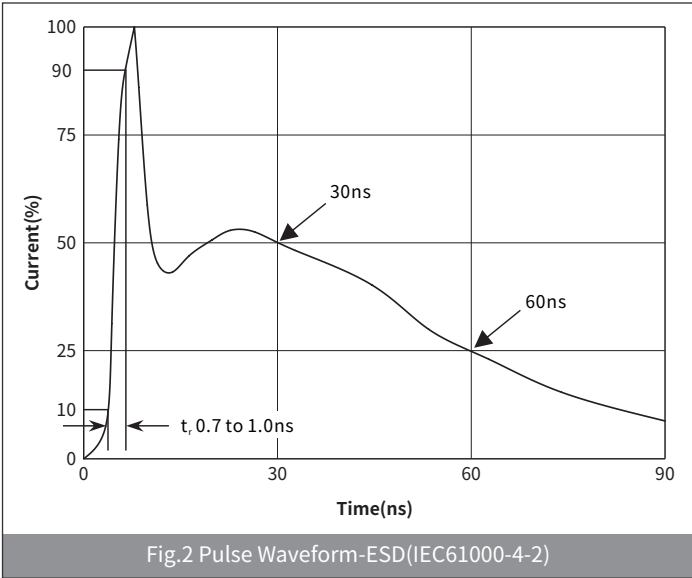
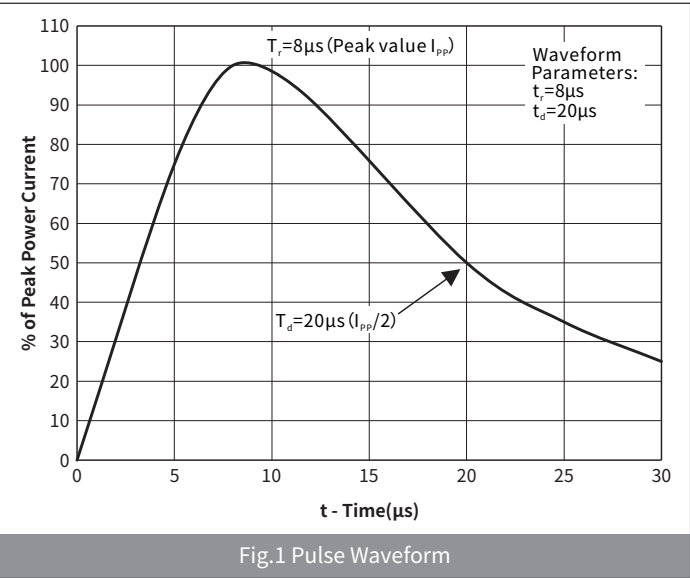


● Electrical Characteristics (Ta=25°C Unless otherwise specified)

PARAMETER	SYMBOL	CONDITION	Min	Typ	Max	UNIT
Peak Reverse Working Voltage	V_{RWM}	$T_a=25^{\circ}C$	—	—	5.0	V
Breakdown Voltage	V_{BR}	$I_R=1mA, T_a=25^{\circ}C$	6.0	—	—	V
Reverse Leakage Current	I_R	$V_R=5V, T_a=25^{\circ}C$	—	—	0.5	μA
Dynamic Resistance	R_{DYN}	$Z_0=50\Omega$, calculated from 4A to 16A	—	0.35	—	Ω
TLP Clamping Voltage	$V_C@TLP$	$Z_0=50\Omega, T_p=100ns, T_r=1ns; TLP@16A$	—	10.0	—	V
Clamping Voltage	V_C	$I_{PP}=9A, t_p=8/20\mu s$	—	—	8.0	V
Junction Capacitance	C_J	$V_R=0V, f=1MHz$	—	—	0.45	pF

● Ratings And Characteristics Curves (Ta=25°C Unless otherwise specified)



H5VU10BS

Bi-directional 5V Ultra Small Capacitance ESD

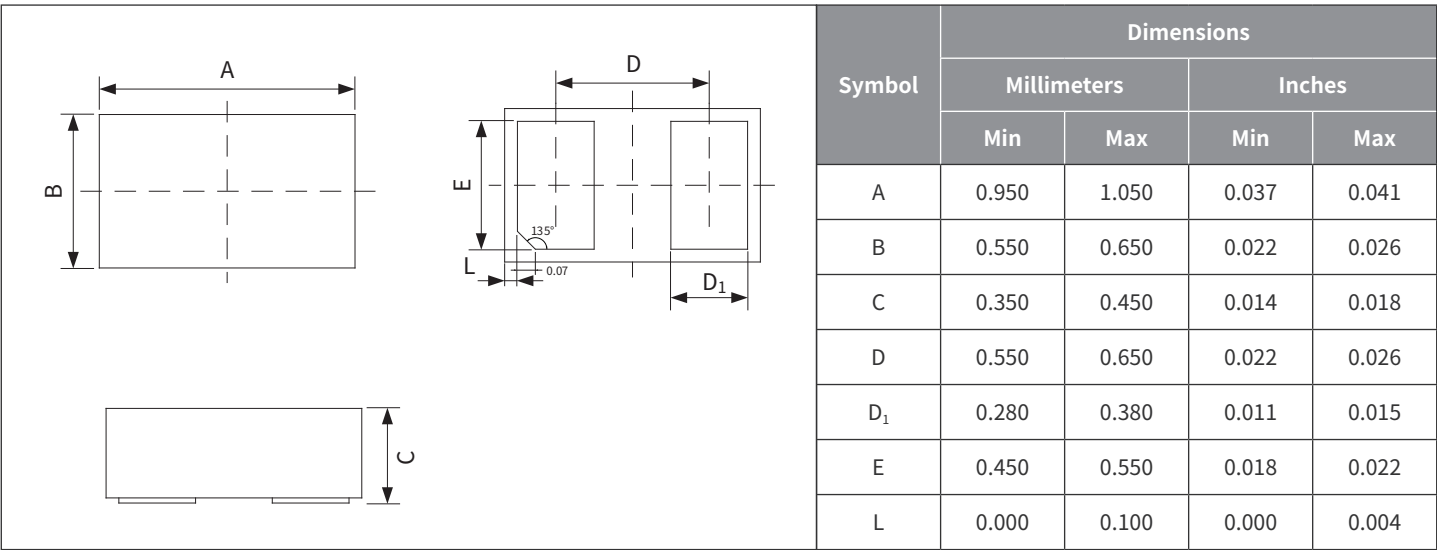
● Ordering Information

PREFERED P/N	PACKAGE	SIZE(mm)	DELIVERY MODE	MPQ(PCS)
H5VU10BS	DFN1006-2L	1.00×0.60×0.37	7" REEL	10,000

● Recommended Soldering Conditions



● Package Outline Dimensions (DFN1006-2L)



● Suggested Pad Layout

