

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

PARAMETER	SYMBOL	CONDITION	Min	Typ	Max	UNIT
Continuous Operating Voltage	V_{DC}	$T_a=25^{\circ}C$	—	—	5.0	V
Trigger Voltage	V_T	IEC61000-4-2 8kV contact discharge	—	450	—	V
Reverse Leakage Current	I_R	DC 5V shall be applied on component	—	—	10	nA
Clamping Voltage	V_C	IEC61000-4-2 8kV contact discharge	—	40	—	V
Capacitance	C_J	Measured at 10MHz	—	0.05	—	pF

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

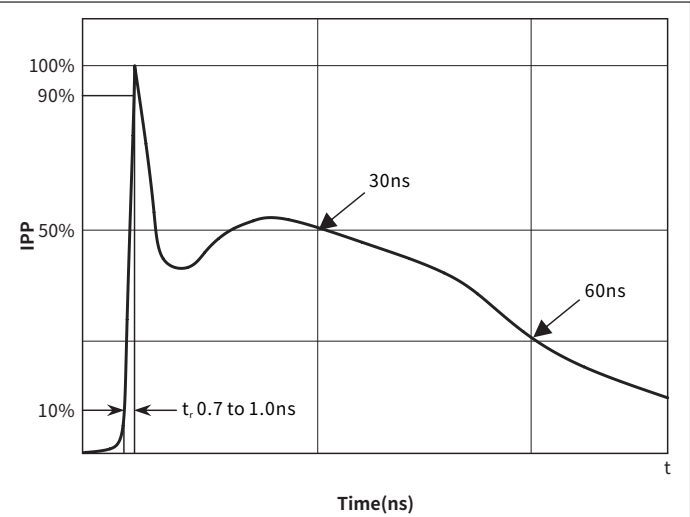


Fig.1 ESD Clamping Test Waveform

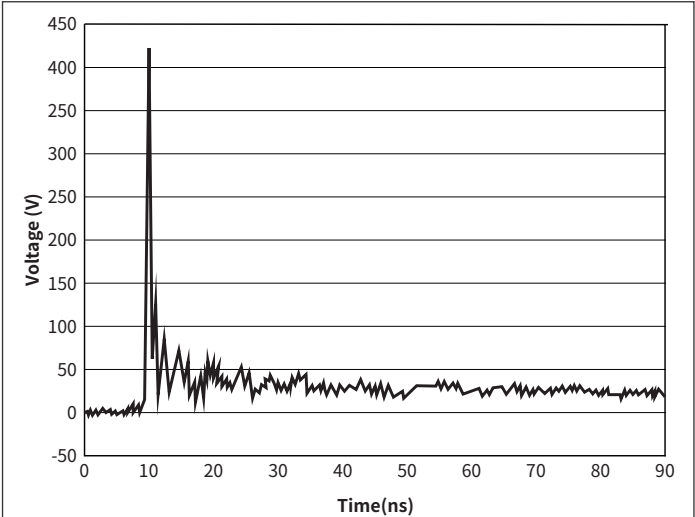


Fig.2 ESD Waveform after Clamping

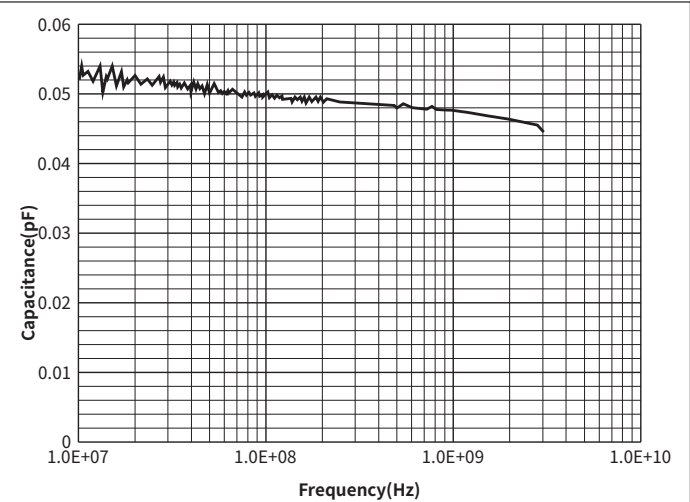


Fig.3 Capacitance VS Frequency

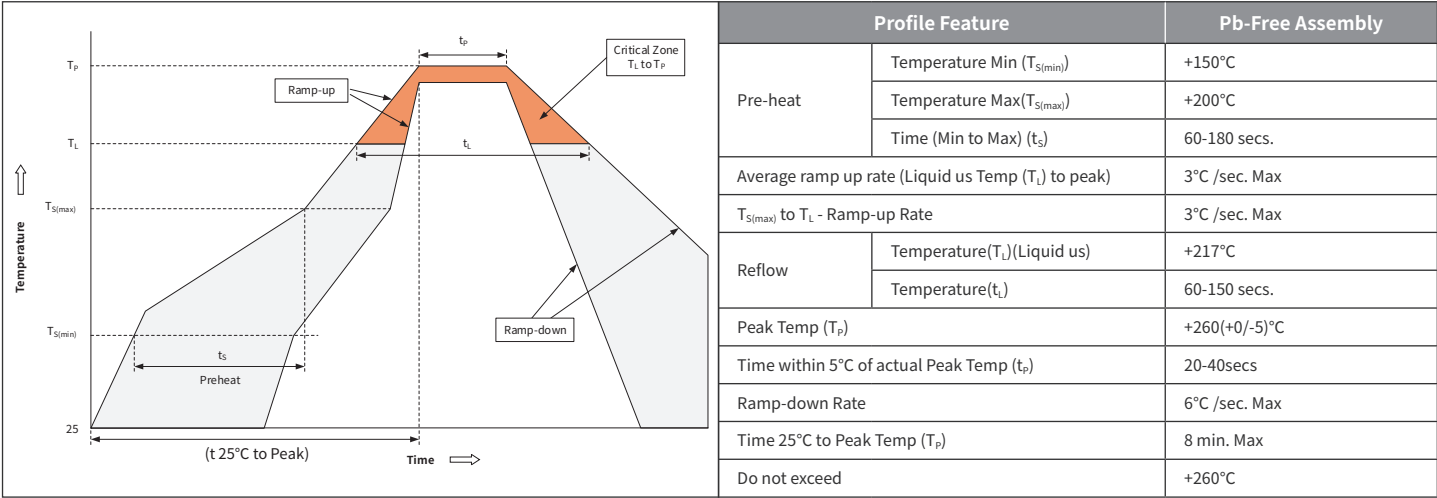
PESD0402-05

Bi-directional 5V Ultra Low Capacitance ESD

● Ordering Information

PREFERED P/N	PACKAGE	SIZE(mm)	DELIVERY MODE	MPQ(PCS)
PESD0402-05	0402	1.00×0.52×0.38	7" REEL	10,000

● Recommended Soldering Conditions



● Package Outline Dimensions (0402 package)

