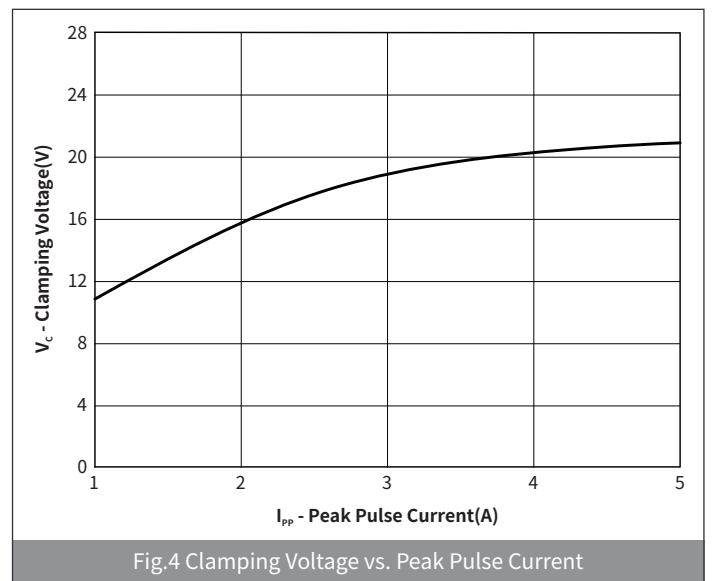
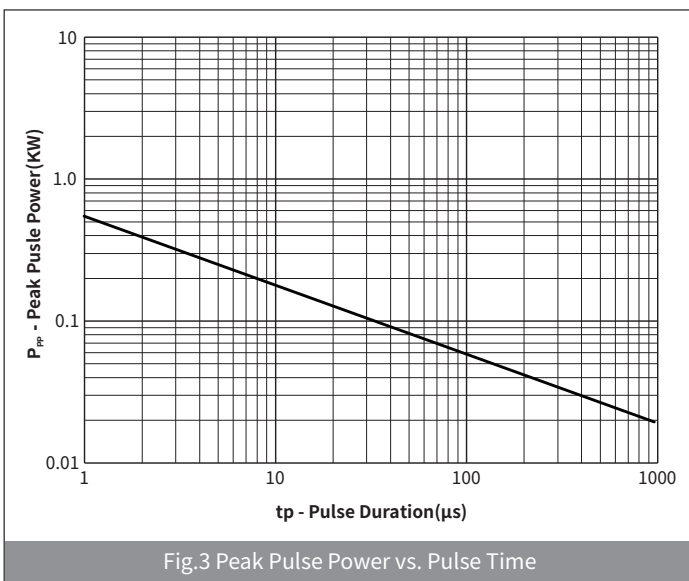
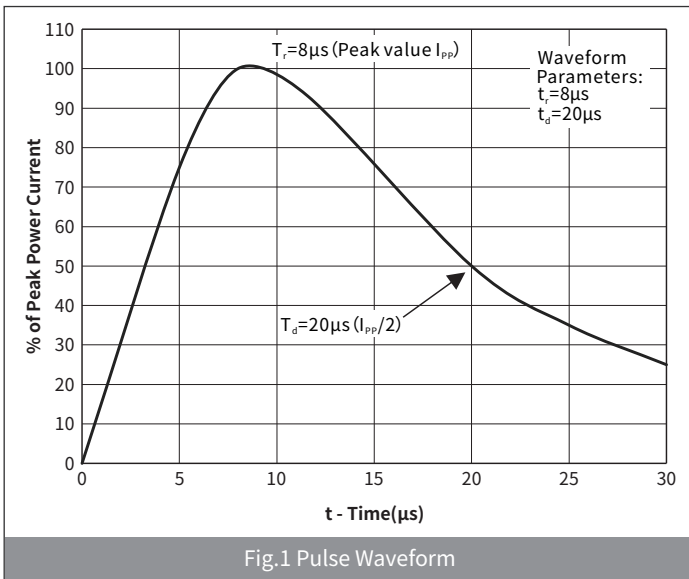


● Electrical Characteristics (Ta=25°C Unless otherwise specified)

PARAMETER	SYMBOL	CONDITION	Min	Typ	Max	UNIT
Peak Reverse Working Voltage	V_{RWM}	$T_a=25^\circ\text{C}$	—	—	5.0	V
Breakdown Voltage	V_{BR}	$I_R=1\text{mA}, T_a=25^\circ\text{C}$	6.0	—	10	V
Reverse Leakage Current	I_R	$V_R=5\text{V}, T_a=25^\circ\text{C}$	—	—	0.2	μA
Clamping Voltage	V_C	$I_{PP}=1.0\text{A}, t_p=8/20\mu\text{s}$	—	—	12	V
		$I_{PP}=5\text{A}, t_p=8/20\mu\text{s}$	—	—	25	
Junction Capacitance	C_J	$V_R=0\text{V}, f=1\text{MHz}$	—	0.3	0.5	pF

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



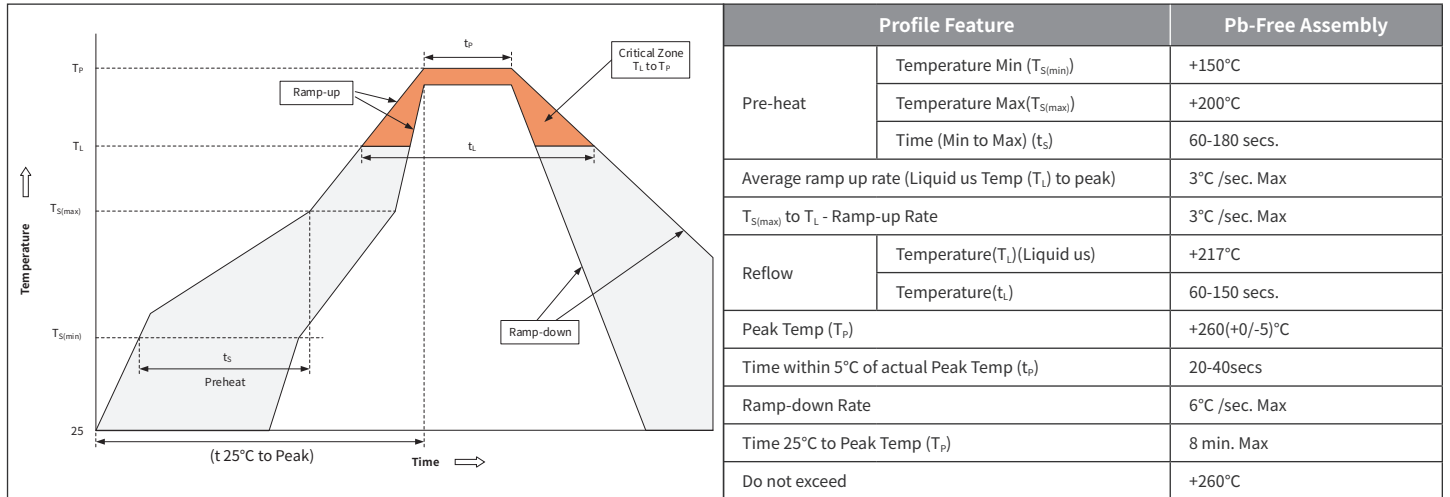
H5VUD5BB

Bi-directional 5V Ultra Small Capacitance ESD

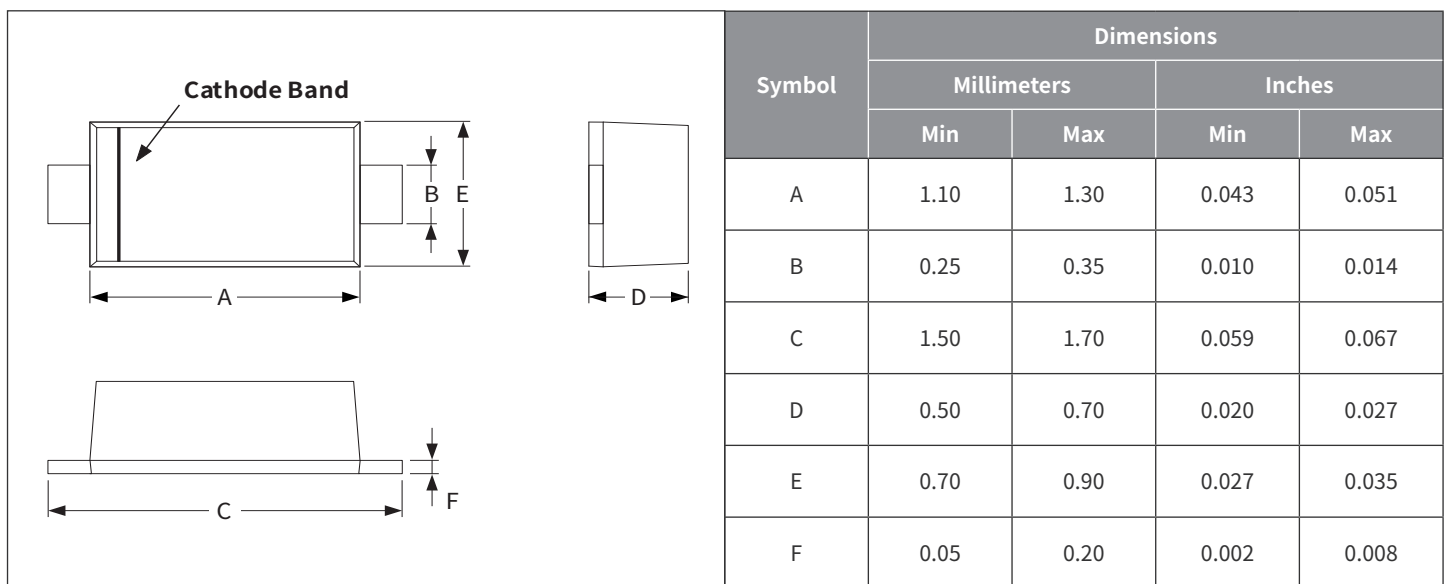
Ordering Information

PREFERRED P/N	PACKAGE CODE	PACKAGE	SIZE(mm)	DELIVERY MODE	MPQ(PCS)
H5VUD5BB	R1	SOD-523	0.30×0.80×0.115	7" REEL	3000
	R1H	SOD-523	0.30×0.80×0.115	7" REEL	8000

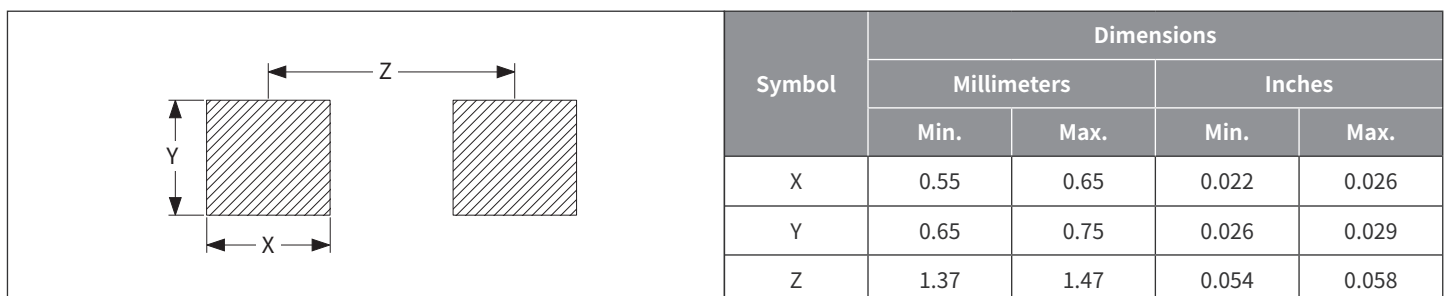
Recommended Soldering Conditions



Package Outline Dimensions (SOD-523)



Suggested Pad Layout



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[P6KE13CA](#) [P6KE43CA](#) [P6KE6.8CA](#) [P6KE8.2](#) [P6SMBJ20CA](#) [JANTX1N6072A](#) [SR2835ESKG](#) [SA90CA](#)