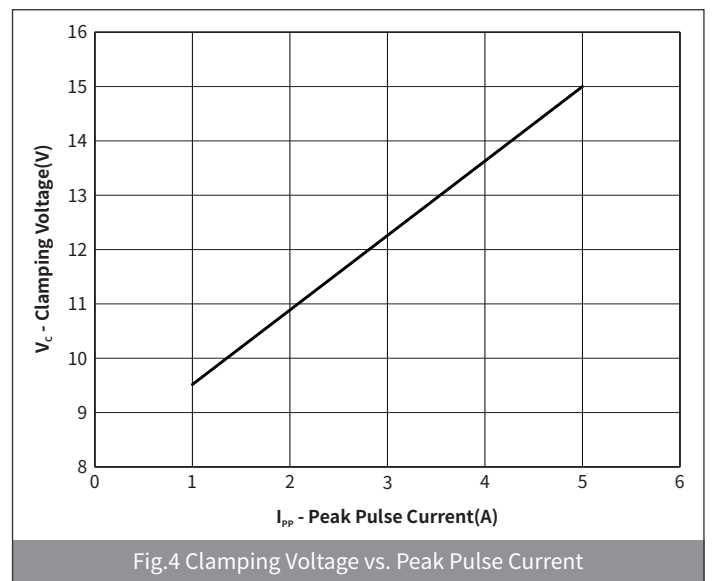
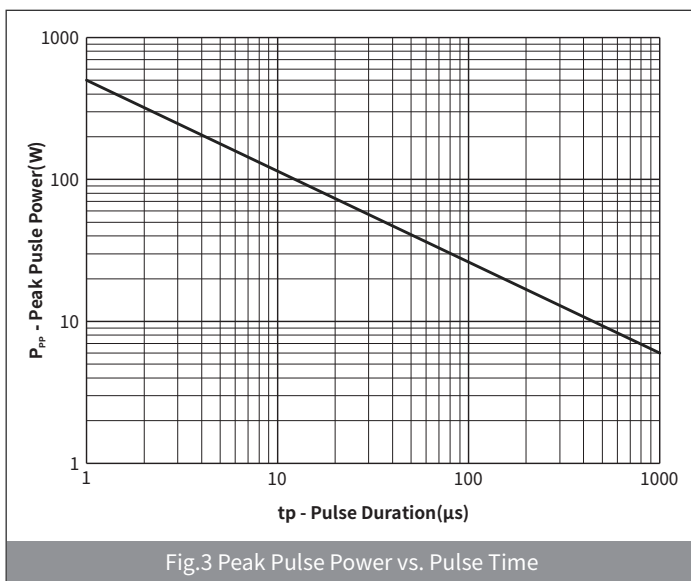
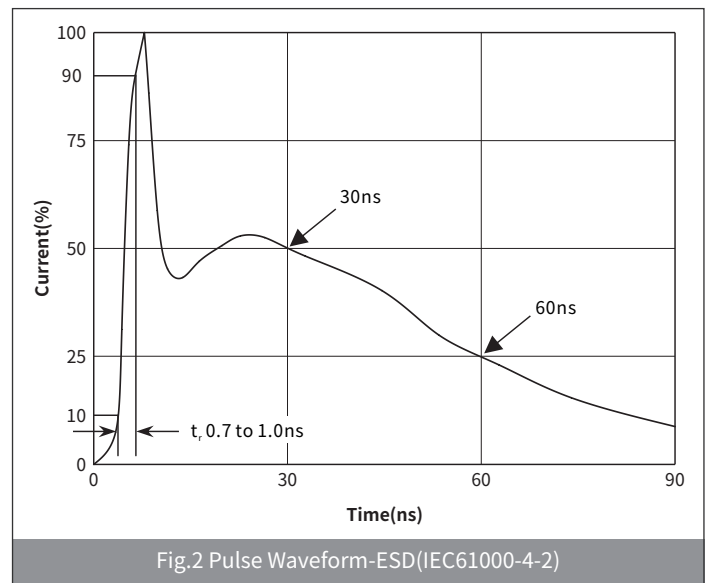
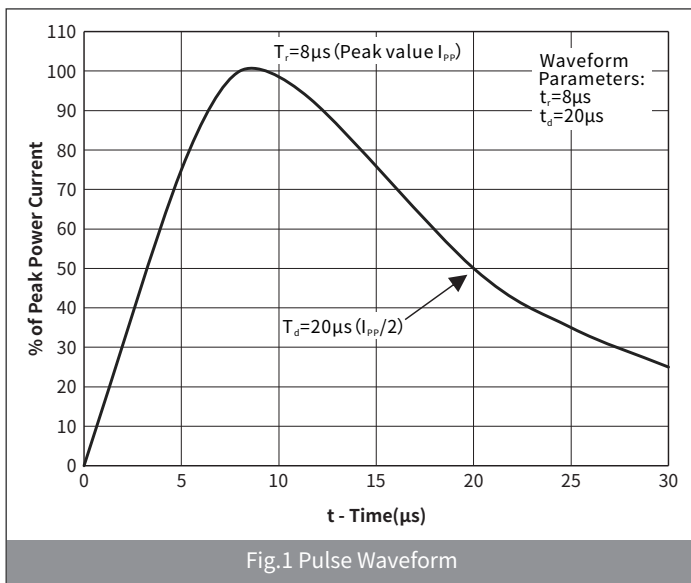


Electrical Characteristics (Ta=25°C Unless otherwise specified)

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	—	—	V
Reverse Leakage Current	I_R	$V_{RWM}=5.0\text{V}, T_a=25^\circ\text{C}$	—	—	5	μA
Forward voltage	V_F	$I_F=10\text{mA}, T_a=25^\circ\text{C}$	—	0.8	1.0	V
Clamping Voltage	V_C	$I_{PP}=4.0\text{A}, t_p=8/20\mu\text{s}$	—	13.5	15	V
Junction Capacitance	C_J	$V_{RWM}=0\text{V}, f=1\text{MHz}, \text{Between I/O pins}$	—	0.5	—	pF
		$V_{RWM}=0\text{V}, f=1\text{MHz}, \text{I/O pin to GND}$	—	1.0	—	

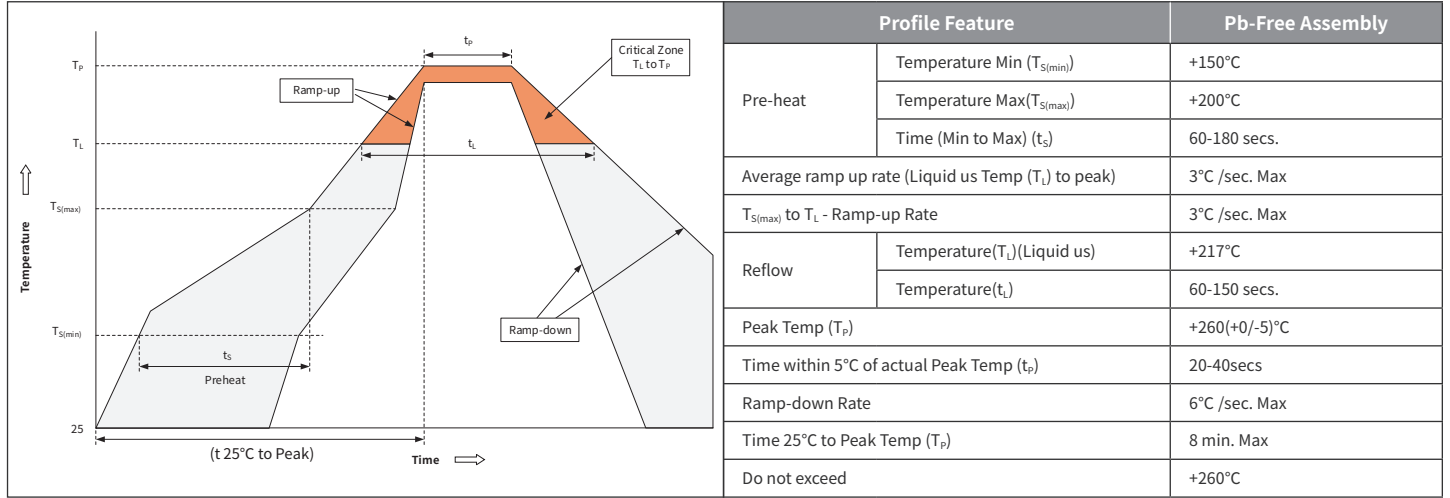
Ratings And Characteristics Curves (Ta=25°C Unless otherwise specified)



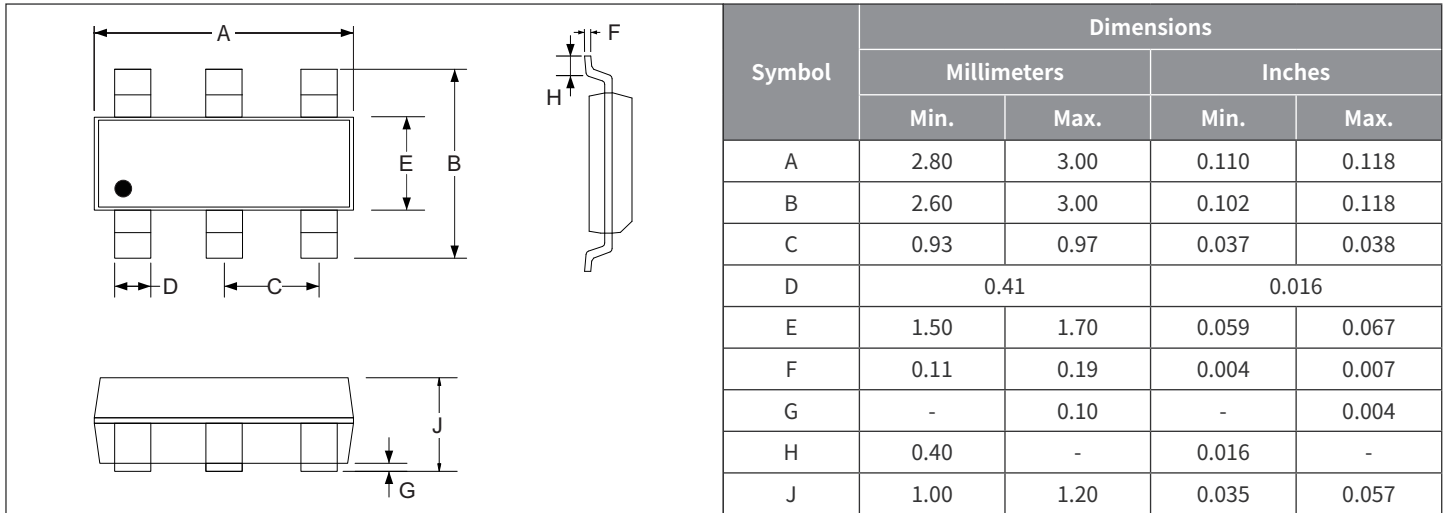
Ordering Information

PREFERRED P/N	PACKAGE	SIZE(mm)	DELIVERY MODE	MPQ(PCS)
SRV05-4A	SOT-23-6L	2.90×2.80×1.10	7" REEL	3000

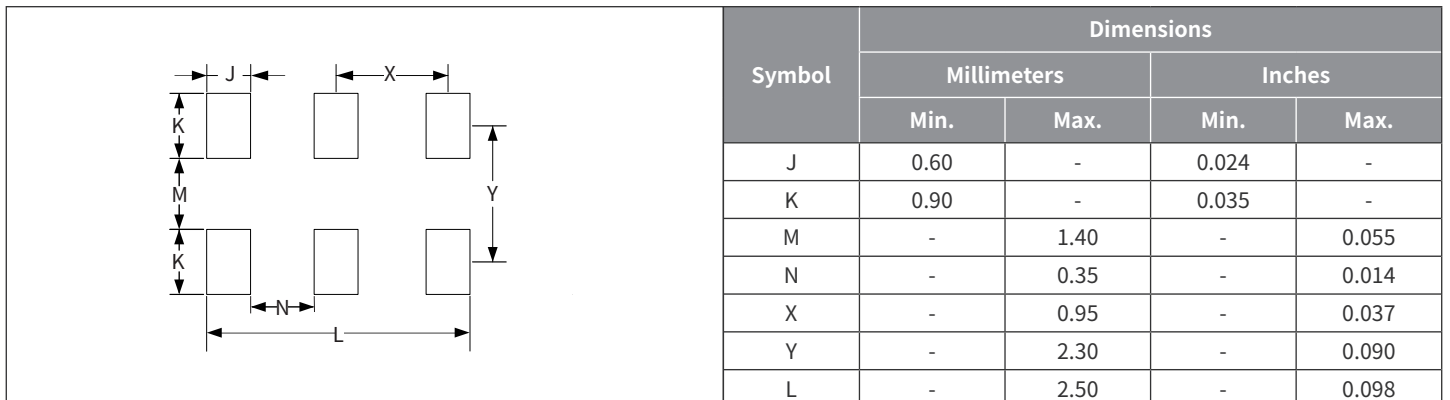
Recommended Soldering Conditions



Package Outline Dimensions (SOT23-6L)



Suggested Pad Layout



Note :
This soldering footprint is for reference purposes only. Please consult your manufacturing group to ensure your PCB design guidelines are met.