

FEATURES

- 350 watts peak pulse power per line ($t_P=8/20\mu s$)
- Protects two I/O lines with uni-directional
- Low clamping voltage
- Working voltage:3.3V
- Low leakage current
- RoHS com vt

qó~ ~Q u@@@4 Êađ@ @ĐÀ 0

ABSOLUTE MAXIMUM RATINGS (T_A=25℃, RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation on 8/20μs waveform	P		

FIG.3: Pulse derating curve

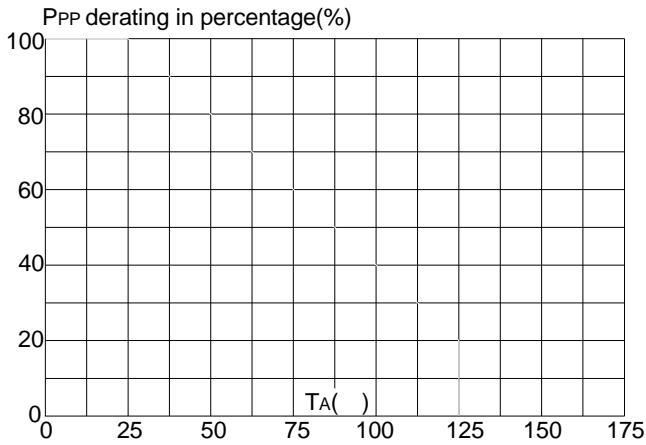
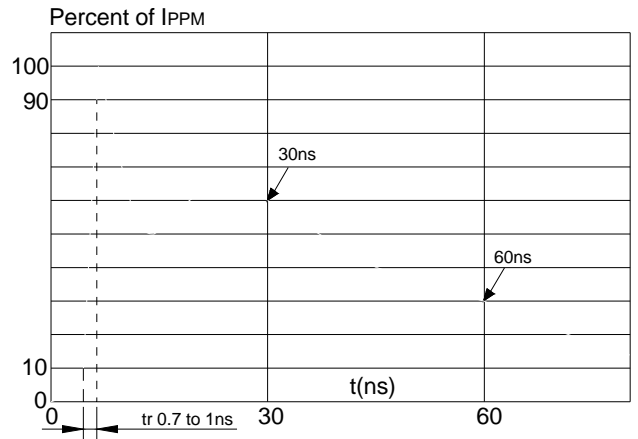
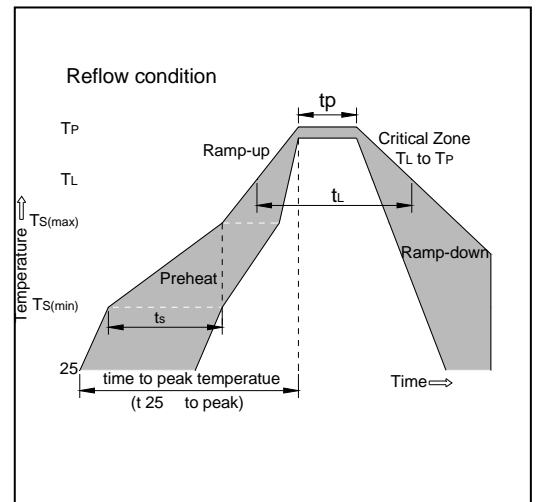


FIG.4: ESD clamping (8kV contact)

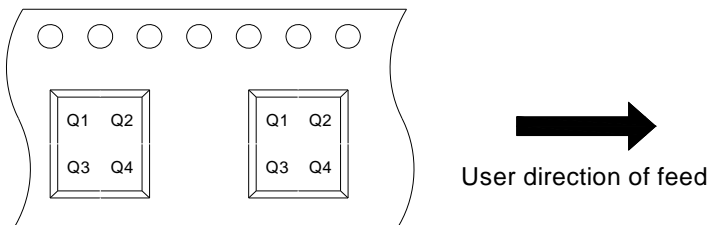


SOLDERING PARAMETERS

Reflow Condition		Pb-Free assembly (see figure at right)
Pre Heat	-Temperature Min ($T_{s(min)}$)	+150
	-Temperature Max($T_{s(max)}$)	+200
	-Time (Min to Max) (ts)	60-180 secs.
Average ramp up rate (Liquidus Temp (T_L) to peak)		3 /sec. Max
$T_{s(max)}$ to T_L - Ramp-up Rate		3 /sec. Max
Reflow	-Temperature(T_L)(Liquidus)	+217
	-Temperature(t_L)	60-150 secs.
Peak Temp (T_p)		+260(+0/-5)
Time within 5 of actual Peak Temp (t_p)		20-40secs.
Ramp-down Rate		6 /sec. Max
Time 25 to Peak Temp (T_p)		8 min. Max
Do not exceed		+260



TAPEREEL SPECIFICATION SOT23

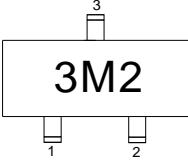


Pin 1 quadrant: Q3

ORDERING INFORMATION

PART No.	PACKAGE TYPE	QUANTITY(PCS) REEL	DESCRIPTION
JEU03T2B	SOT-23	3,000	

MARKING CODE

Part Number	Marking Code
JEU03T2B	 <p>The diagram shows a rectangular component with three pins. Pin 1 is at the bottom left, pin 2 is at the bottom right, and pin 3 is at the top center. The marking code '3M2' is printed in the center of the component.</p>

Information furnished in this document is believed