

Travelling Merchant: _____

DATASHEET

Standard: DP8Z25000001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2021.11.01			

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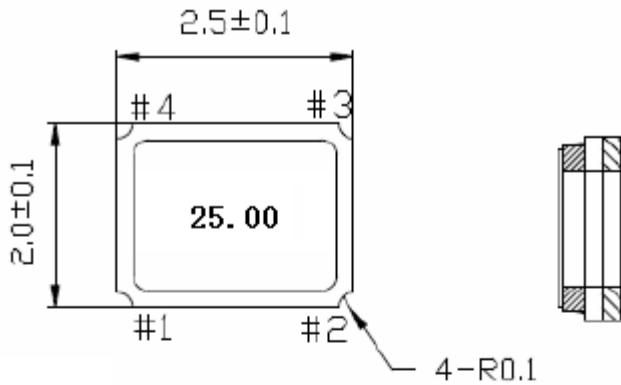


1、Electrical Parameters

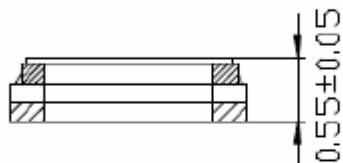
MODEL: DP8Z2500001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	25.00			MHz	
2	Oscillation Mode	-	Fundamental			-	
3	Load Capacitance	CL	10			pF	
4	Frequency Tolerance	-	-10	-	+10	$\times 10^{-6}$	at 25°C ± 2°C
5	Frequency Stability	-	-30	-	+30	$\times 10^{-6}$	Over Operating Temp. Range (Reference 25°C)
6	Operating Temperature Range	-	-40	~	+85	°C	
7	Storage Temperature Range	-	-40	~	+85	°C	
8	Aging	-	-3	-	+3	$\times 10^{-6}$	Per Year
9	Drive Level	DL	-	-	100	μW	
10	Equivalent Series Resistance	Rr	-	-	60	Ω	
11	Shunt Capacitance	C0	-	-	3	pF	
12	Insulation Resistance	IR	500	-	-	MΩ	at DC 100V



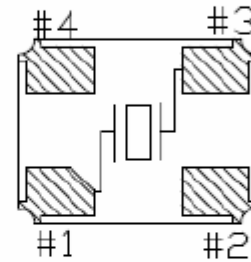
2、Mechanical Structure(mm)



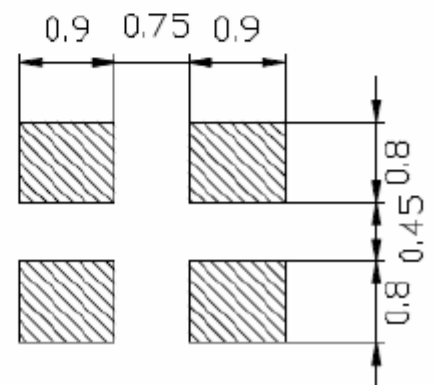
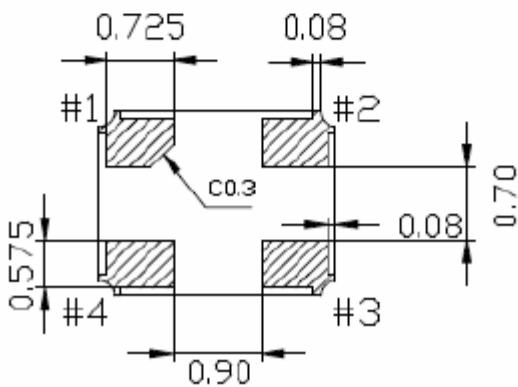
PIN CONNECT	
1,3	Crystal
2,4	GND



<TOP VIEW>



LAND PATTERN(REFERENCE)

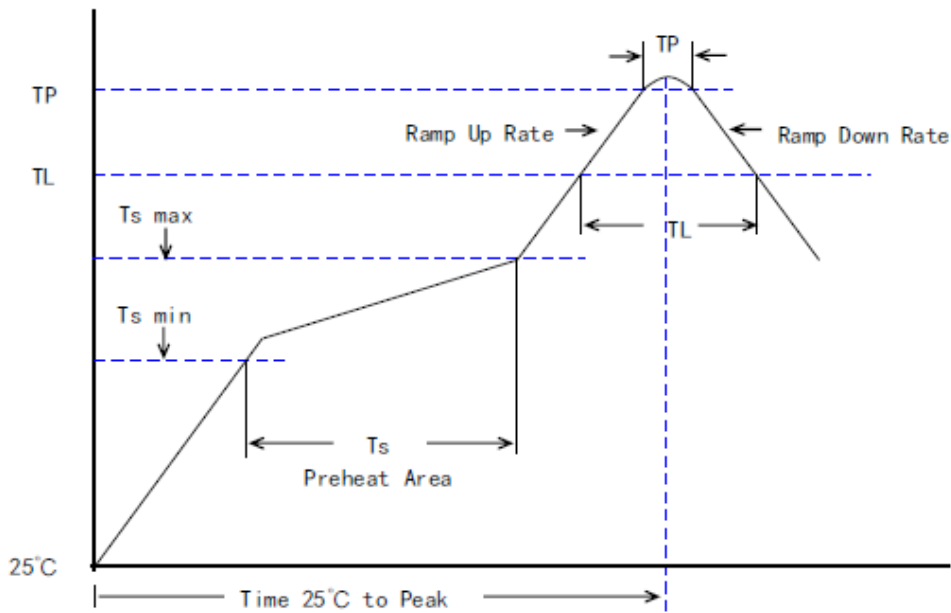


Note1: Tolerance ± 0.2 mm

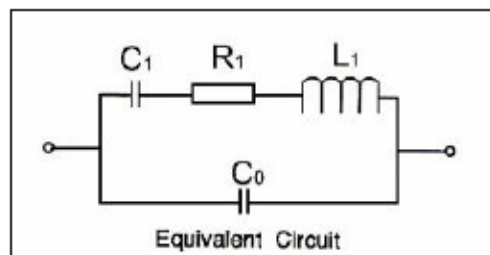


3、 Reflow Soldering Curve (RoHS)

REFER: JEDEC J-STD-020D	
Profiles Feature	Pb-Free Assembly
Preheat/Soak	
Temperature Min (Ts min)	150°C
Temperature Max (Ts max)	200°C
Time (Ts) from (Ts min to Ts max)	60-120 seconds
Ramp-up rate (TL to TP)	3°C/second max.
Liquidous temperature (TL)	217°C
Time (TL) maintained above TL	60-150 seconds
Peak/Classification Temperature (TP)	260±5°C
Time within 5°C of actual Peak Temperature (TP)	20~40 seconds
Ramp-down rate (TP to TL)	6°C/second max.
Time 25 ° C to peak temperature	8 minutes max.
Suggest reflow times	3 Times max

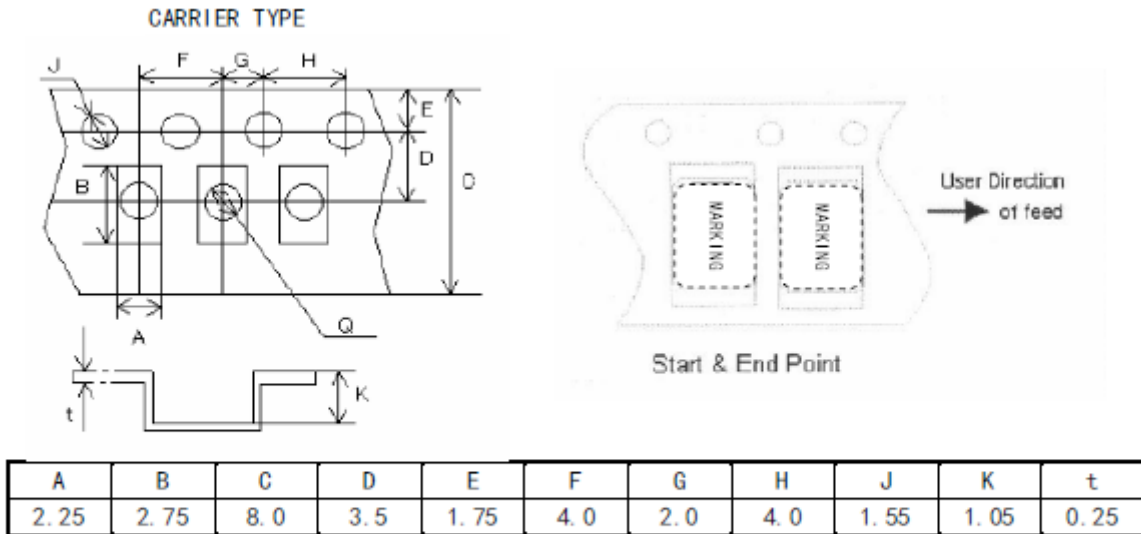


4、 Equivalent Circuit

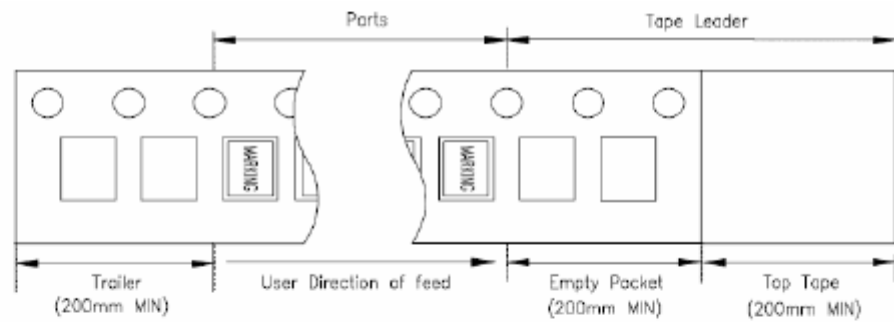




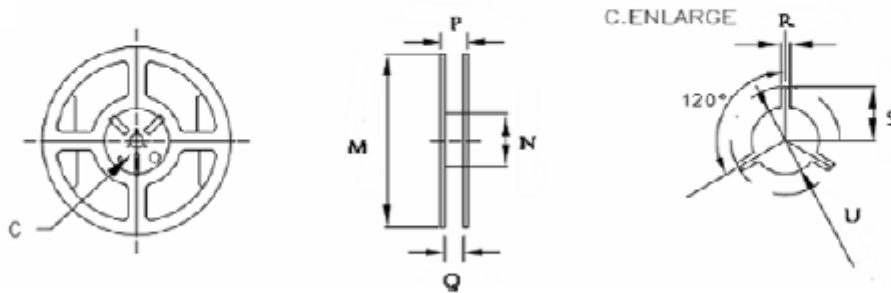
5、 Package: Tape & Reel (mm)



REMARK:



REEL: 3000 PCS/Reel



M	N	P	Q	R	S	U
178.0	60.2	11.5	8.0	2.5	11.0	13.0