

Travelling Merchant: _____

DATASHEET

Standard: DP7M24000025

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
<i>Amway.wei</i>	<i>Tony · Wang</i>	<i>Jason Zhao</i>	
Date: 2020.05.20			

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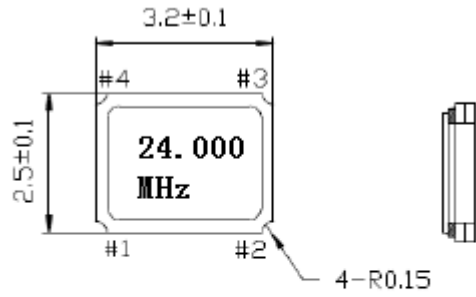


1、 Electrical Parameters

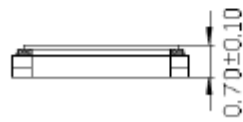
MODEL: DP7M2400025							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	24.00			MHz	
2	Oscillation Mode	-	Fundamental			-	
3	Load Capacitance	CL	20			pF	
4	Frequency Tolerance	-	-10		+10	ppm	at 25°C ± 3°C
5	Frequency Stability	-	-30		+30	ppm	Over Operating Temp. Range (Reference 25°C)
6	Operating Temperature	-	-40	~	+85	°C	
7	Aging	-	-3		+3	ppm	Per Year
8	Drive Level	DL	-		100	uW	
9	Effective Resistance Rr	Rr	-	-	40	Ω	
10	Shunt Capacitance C0	C0	-	-	3	pF	
11	Insulation Resistance	-	500	-	-	MΩ	at DC 100V
12	Storage Temperature Range	-	-40	~	+85	°C	



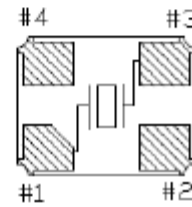
2、 Mechanical Structure(mm)



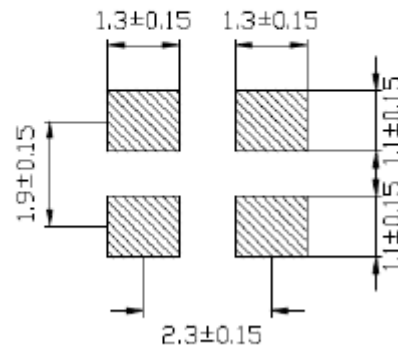
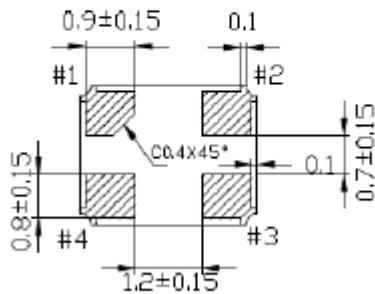
PIN CONNECT	
1,3	Crystal
2,4	GND



<TOP VIEW>



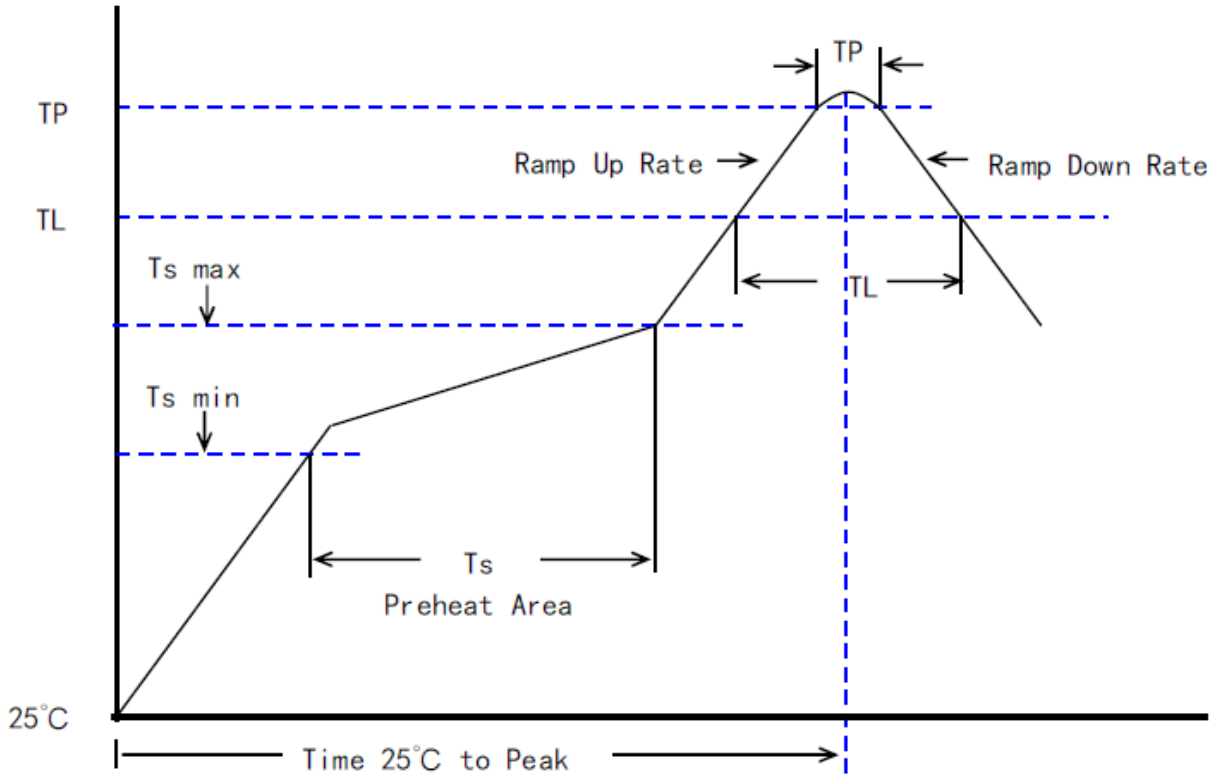
LAND PATTERN<REFERENCE>





3、Reflow Soldering Curve (RoHS)

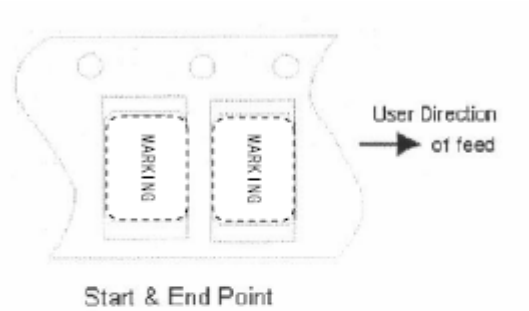
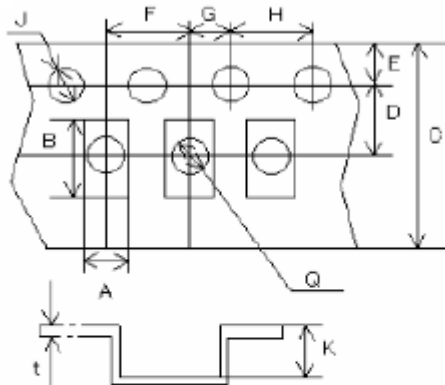
REFER: JEDEC J-STD-020D	
Profiles Feature	Pb-Free Assembly
Preheat/Soak	
Temperature Min (Ts min)	150°C
Temperature Max (Ts max)	200°C
Time (Ts) from (Ts min to Ts max)	60-120 seconds
Ramp-up rate (TL to TP)	3°C/second max.
Liquidous temperature (TL)	217°C
Time (TL) maintained above TL	60-150 seconds
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





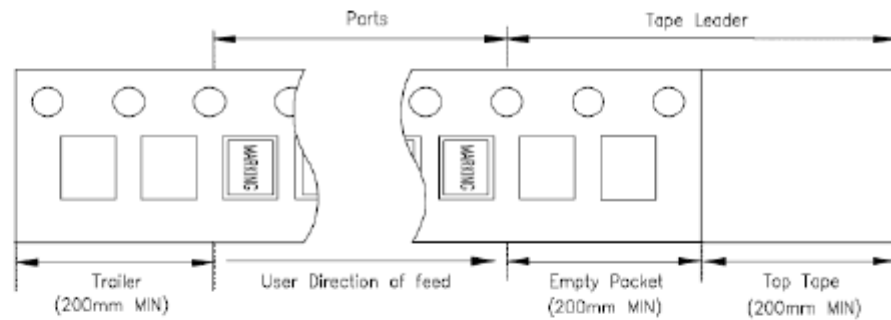
4、 Package: Tape & Reel (mm)

CARRIER TYPE

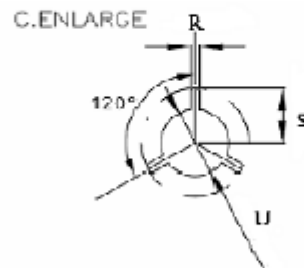
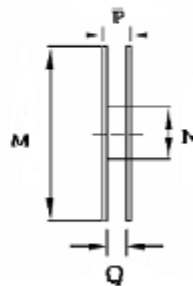
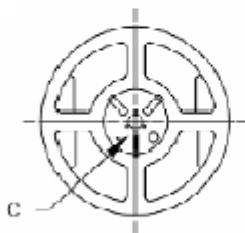


A	B	C	D	E	F	G	H	J	K	t
2.7	3.4	8.0	3.5	1.75	4.0	2.0	4.0	1.55	1.4	0.25

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