

Customer Code : _____

DATASHEET

DAPU P/N: DP7X25000010

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2017.07.13			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg16,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098

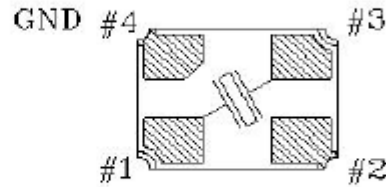
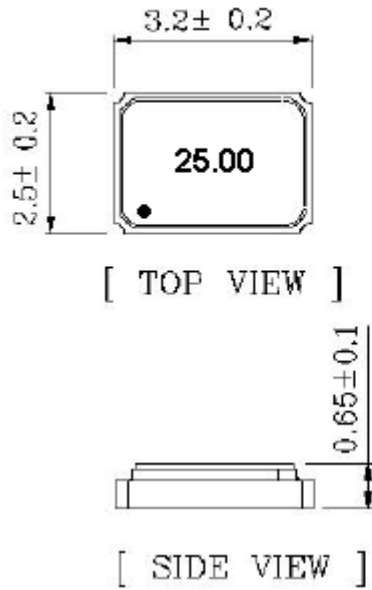


1、Electrical Parameters

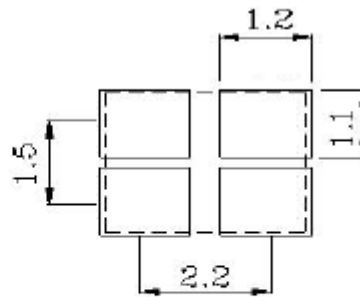
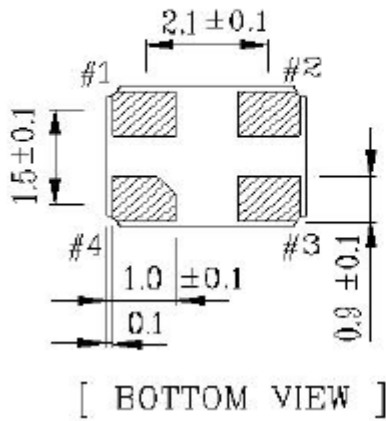
MODEL: DP7X25000010							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	25.00			MHz	
2	Frequency Characteristics		-15		+15	$\times 10^{-6}$	-40°C~85°C
3	Frequency Tolerance		-10		+10	$\times 10^{-6}$	@25°C $\pm 3^\circ\text{C}$
4	Operating Temperature	T-opr	-40	~	+85	°C	
5	Storage Temperature	T-stg	-55	~	+125	°C	
6	Series Resistance				60	Ω	
7	Shunt Capacitance				7	pF	
8	Load Capacitance			10		pF	
9	Aging		-2		+2	$\times 10^{-6}$	Frequency drift in first year
10	Insulation Resistance		500			M Ω	@DC100V
11	Drive Level		10			μw	into Ω
12	ESD Level	Human Body Model,class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010.					
		Machine Model, class B: 200V to 400V; ANSI/ESDA/JEDEC JS-001-2010.					
13	Moisture Sensitivity Level	Level 2.					
14	Vibration	Test Condition: 0.75mm ;acceleration:10g;10Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X ,Y , Z) .IEC 68-2-06 Test Fc.					
15	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y, Z),IEC 68-2-27 Test Ea/Severity 50A.					
16	Full Package Storage	Relative humidity (%)		20%~70%			
		Temperature (°C)		-10~35°C			



2、Mechanical Structure(mm)



Marking #2 and #4 is connected with metal cap of top



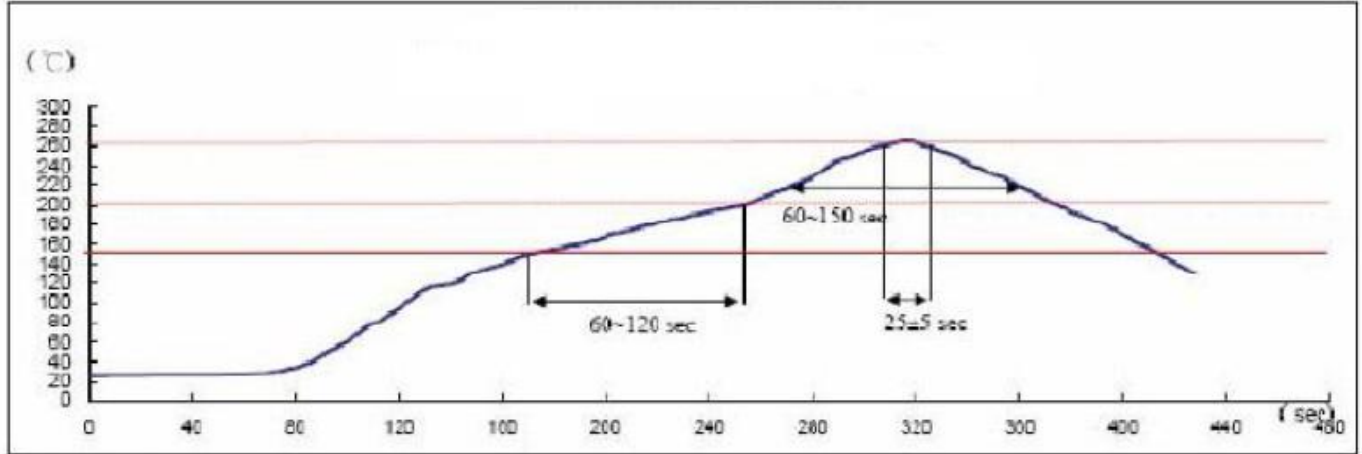
Recommend Soldering Pattern

Note1:Tolerance±0.2mm without mark



3、RECOMMENDED IR REFLOW PROFILE

➤ IR REFLOW PROFILE OF CERAMIC SMD PRODUCTS FOR Pb FREE PROCESS



IR-Reflow Test

Reference Standard : JEDEC-STD 020

Test Conditions: Pre-heating : 150℃ to 200 ℃, 60~120 sec

Heating : 217 ℃ , 60~150 sec

Peak Temperature : 260±5 ℃, 25±5 sec

4、Package: Tape & Reel (mm)

