

Customer Code : _____

DATASHEET

DAPU P/N: **DP7X12800001**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2019.02.21			

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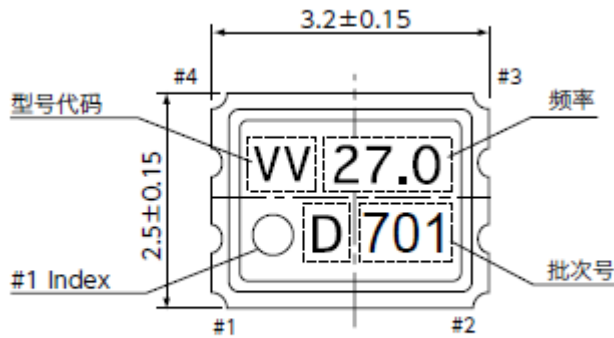


1、Electrical Parameters

MODEL: DP7X12800001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	12.80			MHz	
2	Output Waveform		CMOS				
3	Frequency Tolerance	-	-40		+40	$\times 10^{-6}$	
4	Operating Temperature	Topr	-30	~	+85	$^{\circ}\text{C}$	
5	Storage Temperature	Tstg	-40	~	+85	$^{\circ}\text{C}$	
6	Supply Voltage	VDD	2.97	3.3	3.63	V	
7	Current		-	-	5	mA	
8	Output Load	CL	15			pF	
9	Output Voltage High	VoH	Vcc*0.9	-	-	V	
10	Output Voltage Low	Vol	-	-	Vcc*0.1	V	
11	Duty Cycle	-	40	50	60	%	
12	Rise Time	Tr	-	-	10	ns	
13	Fall Time	Tf	-	-	10	ns	
14	Frequency Voltage Control		1.65V \pm 1.65V			V	
15	Frequency Tuning Range				+100	$\times 10^{-6}$	
			-100			$\times 10^{-6}$	
16	Slope		Positive				
17	Jitter	-	-	22		ps	Pk-pk
				2.4		ps	rms
18	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.					
19	Moisture Sensitivity Level	Level 3.					
20	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.					
21	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X , Y , Z) ,IEC 68-2-27 Test Ea/Severity 50A.					

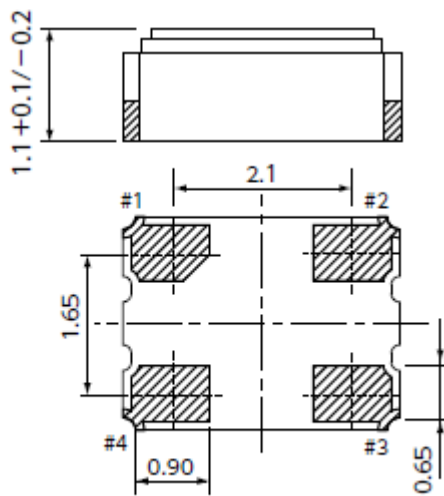


2、Mechanical Structure(mm)



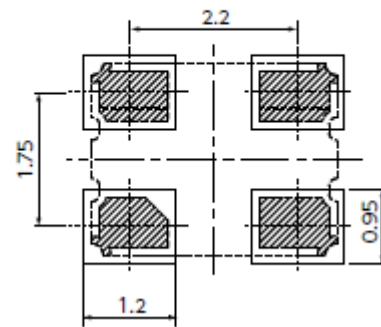
Pin Connections

Pin No.	Connection
#1	Vcont
#2	GND
#3	Output
#4	Vcc



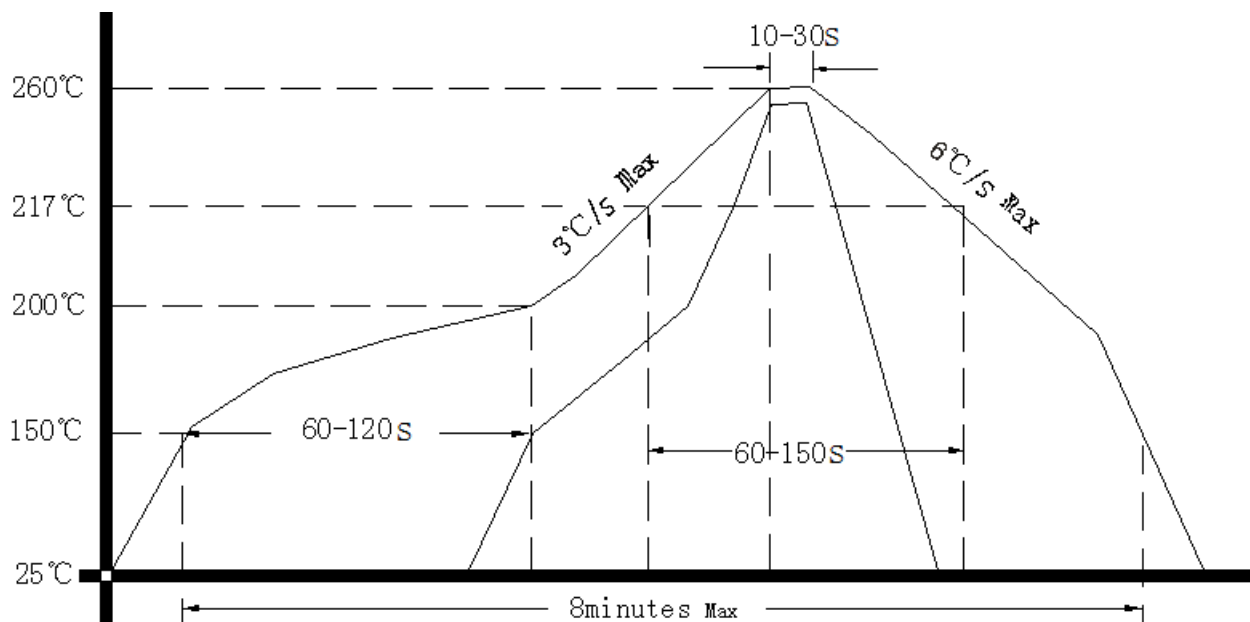
■ 焊盘图形(参考)

<Top View>



Note1: Tolerance ±0.10mm without mark

3、Output Waveform





4、 Package: Tape & Reel (mm)

