

Travelling Merchant: \_\_\_\_\_

# DATASHEET

Standard:                     **DP7W2500009**                      
 \_\_\_\_\_

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2020.10.16			

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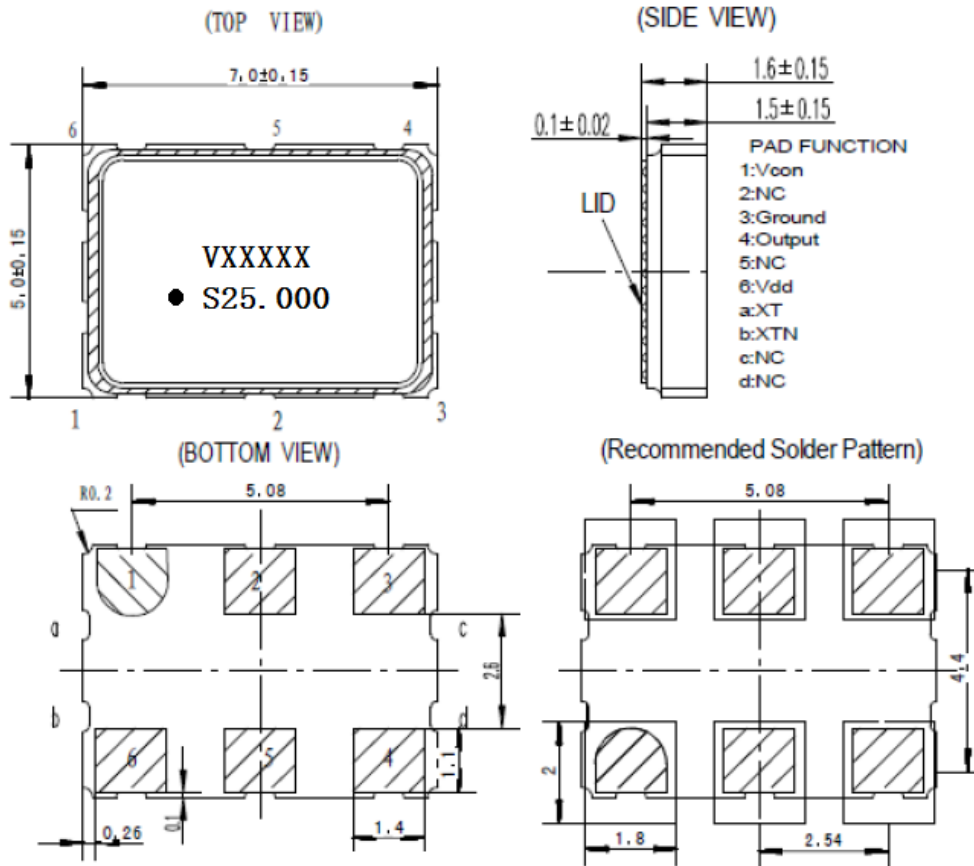


## 1、 Electrical Parameters

MODEL: DP7W25000009							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	25.00			MHz	
2	Vibration Mode	-	Fundamental				
3	Output Load Capacitance	LC		15		pF	CMOS
4	Frequency Tolerance	F-stab	-50		+50	$\times 10^{-6}$	Inclusive of initial tolerance, temperature variation, supply voltage change, reflow drift and first year aging
5	Operating Temperature	-	-40	25	85	°C	
6	Operating Supply Voltage	Vdd	2.97	3.3	3.63	V	
7	Supply Current	Icc			15	mA	
8	Start up Time				1	mS	
9	“H” Output voltage	VOH	Vdd*0.9			V	
10	“L” Output voltage	VOL			Vdd*0.1	V	
11	Control voltage	Vc	0		3.3	V	
12	Pull range		$\pm 130$			$\times 10^{-6}$	
13	Modulation band width		15	20		kHz	
14	Vc pin input impedance		5			MΩ	
15	Linearity		-10		10	%	Vc=0 to 3.3V
16	Duty Cycle	-	45		55	%	
17	Aging	-	-3		3	$\times 10^{-6}$	
18	Rise and Fall Time	Tr/Tf			4	nS	
19	Jitter	RMS			0.8	ps	12kHz ~ 20MHz
20	Storage temperature range		-55		125	°C	
21	ESD Level	Human Body Model, class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010					
		Machine Model, class B: 200V to 400V; JEDEC JESD22-A115C.					
22	Moisture Sensitivity Level	Level 2					
23	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.					
24	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X , Y , Z),IEC 68-2-27 Test Ea/Severity 50A.					



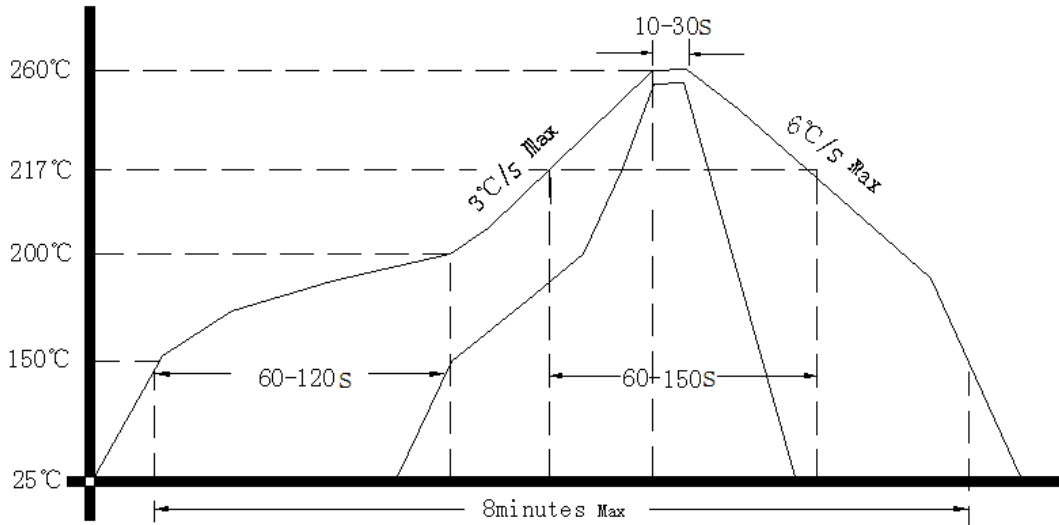
## 2、Mechanical Structure(mm)



**Note1:** Tolerance  $\pm 0.2$  mm



### 3、 Reflow Soldering Curve (RoHS)



### 4、 Package: Tape & Reel (mm)

