

Customer Code: \_\_\_\_\_

# DATASHEET

DAPU P/N: DP6U50000001Z75NNM5000A

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2015.08.05			

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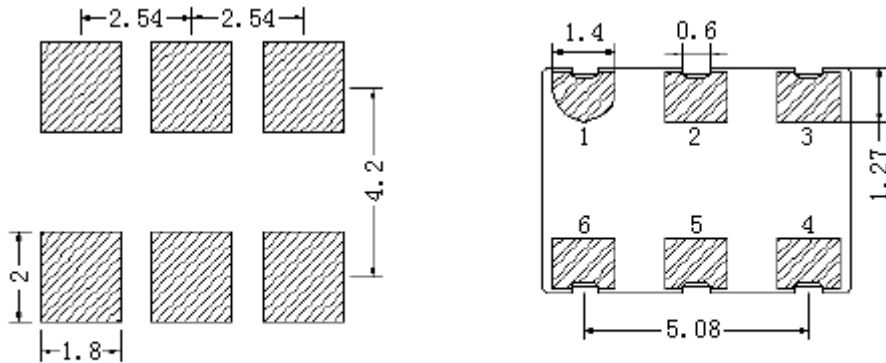


## 1、 Electrical Parameters

MODEL: DP6U5000001							
No	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	50.00			MHz	
2	Frequency Stability	-	-50		+50	$\times 10^{-6}$	-40°C~85°C
3	Operating Temperature	Topr	-40	~	85	°C	
4	Storage Temperature	Tstg	-40	~	85	°C	
5	Supply Voltage	VDD	3.3			V	
6	Input Current	Icc	-	-	30	mA	
7	Enable Control	-	Yes			-	Pad 2
8	Output Load: CMOS	CL	15			pF	
9	Output Voltage High	VoH	0.9Vdd	-	-	V	
10	Output Voltage Low	VoL	-	-	0.1Vdd	V	
11	Rise Time	Tr	-	-	6	ns	10%-90% VDD Level
12	Fall Time	Tf	-	-	6	ns	90%-10% VDD Level
13	Symmetry (Duty ratio)	TH/T	40	~	60	%	
14	Aging	-	±5			$\times 10^{-6}/\text{yr.}$	Year at 25°C
15	Frequency Control Range	-	±100	-	-	$\times 10^{-6}$	Vc=1.65±1.5V
16	Linearity	-			10	%	
17	ESD Level	Human Body Model,class2: 2000V to 4000V; ANSI/ESDA/JEDEC					
		Machine Model, class B: 200V to 400V; ANSI/ESDA/JEDEC JS-001-2010.					
18	Moisture Sensitivity Level	Level 2.					
19	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.					
20	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y , Z ),IEC 68-2-27 Test Ea/Severity 50A.					
21	Full Package Storage	Relative humidity (%)			20% ~70%		
		Temperature (°C)			-10~35°C		

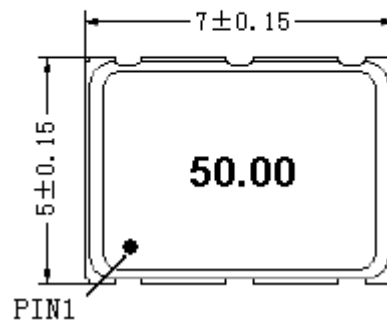


## 2、Mechanical Structure(mm)



### PIN FUNCTION

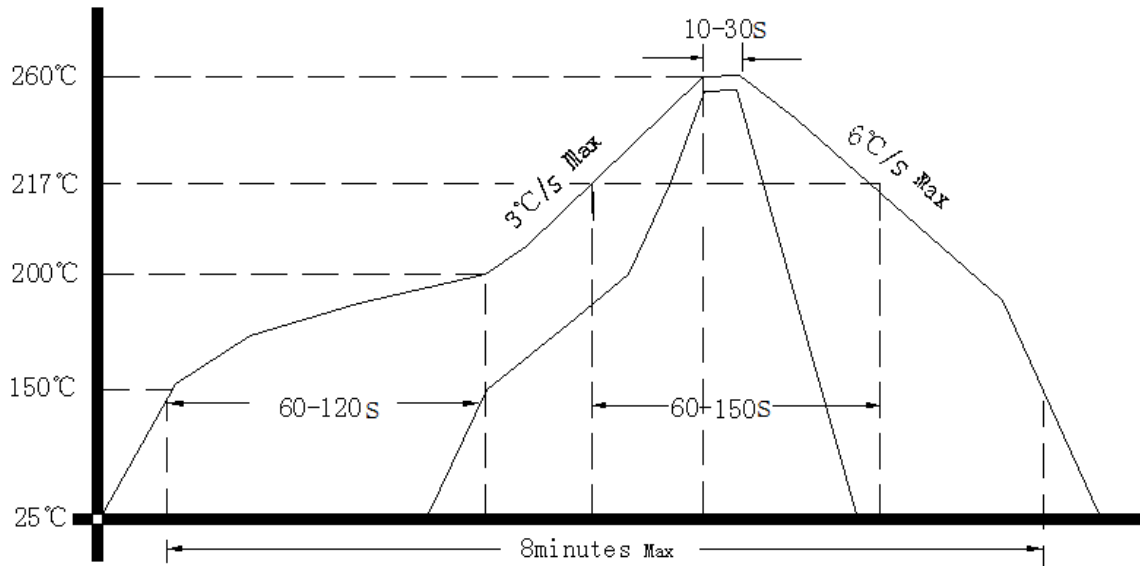
PIN	FUNCTION
1	Voltage Control
2	Tristate
3	GND
4	Output
5	Not Connect
6	Supply Voltage



**Note1:** Tolerance ±0.20mm



### 3、 Reflow Soldering Curve (RoHS)



### 4、 Package: Tape & Reel (mm)

