

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

# DATASHEET

DAPU P/N: DPCE2000001

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Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2023.05.10			

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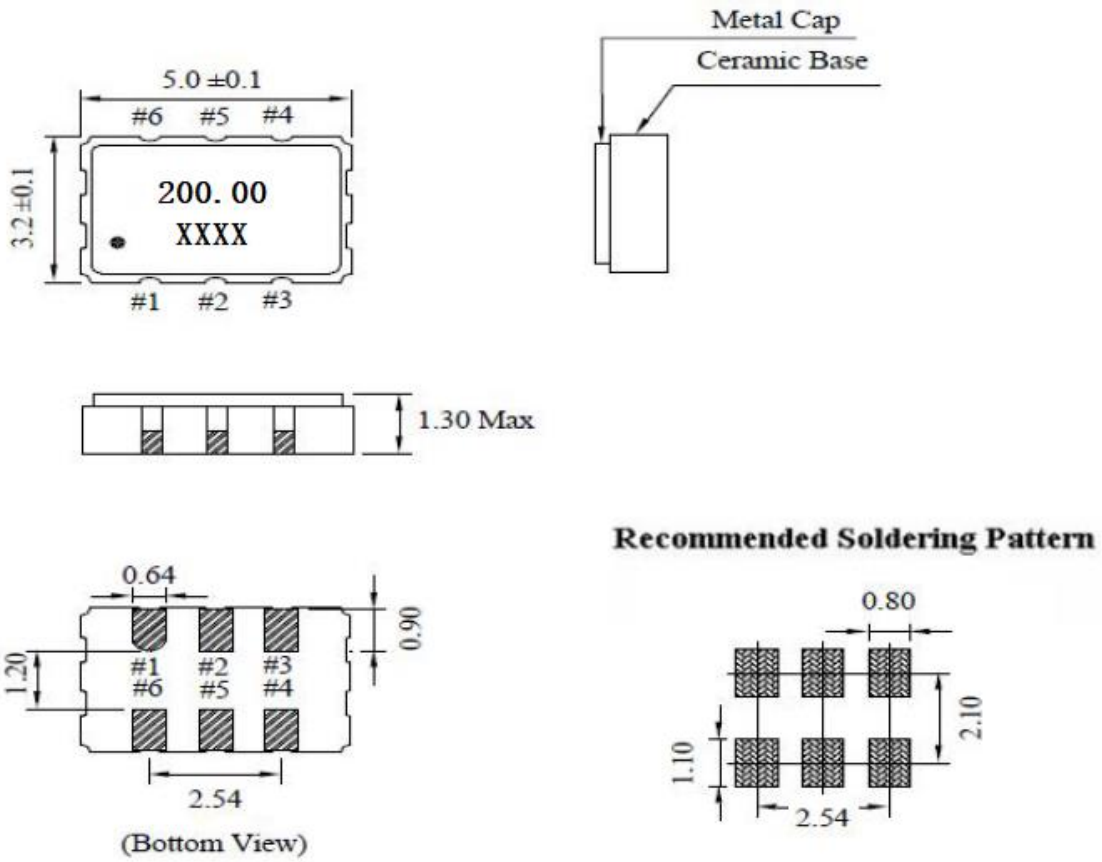


## 1、Electrical Parameters

MODEL: DPCE2000001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	200.00			MHz	
2	Output Waveform		LVDS				
3	Vdd		-0.5		4	V	
4	Supply Voltage		2.97	3.3	3.63	V	
5	Frequency Stability	F-stab	-25		+25	$\times 10^{-6}$	Inclusive of Initial tolerance, operating temperature, rated power supply voltage and load.
6	Operating Temperature	T-opr	-40	~	+85	°C	
7	Storage Temperature	T-stg	-65	~	+150	°C	
8	Current Consumption	Idd	-	47	55	mA	Excluding load termination current, Vdd=3.3V
9	Rise/Fall Time	Tr、Tf			10	ns	20%~80%
10	First Year Aging		-3		+3	$\times 10^{-6}$	@25°C
11	Duty Cycle	DC	40		60	%	
12	Differential Output Voltage	VOD	250	350	450	mV	
13	Start up Time	T_start	-	6	10	ms	Measured from the time Vdd reaches its rated minimum value
14	VOD Magnitude Change	$\Delta$ VOD			50	mV	
15	Offset Voltage	VOS	1.125	1.2	1.375	V	
16	VOS Magnitude Change	$\Delta$ VOS			50	mV	
17	Mechanical Shock	MIL-STD-883F,Method 2002					
	Mechanical Vibration	MIL-STD-883F,Method 2007					
	Temperature Cycle	JESD22, Method A104					
	Solderability	MIL-STD-883F,Method 2003					
	Moisture Sensitivity Level	MSL1@260°C					



## 2、 Mechanical Structure(mm)



**Note1:** Tolerance  $\pm 0.2$ mm without mark

**Note2:** Referential weight 0.2g