

Travelling Merchant: _____

DATASHEET

Standard: **DPBA1000010**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2023.07.25			

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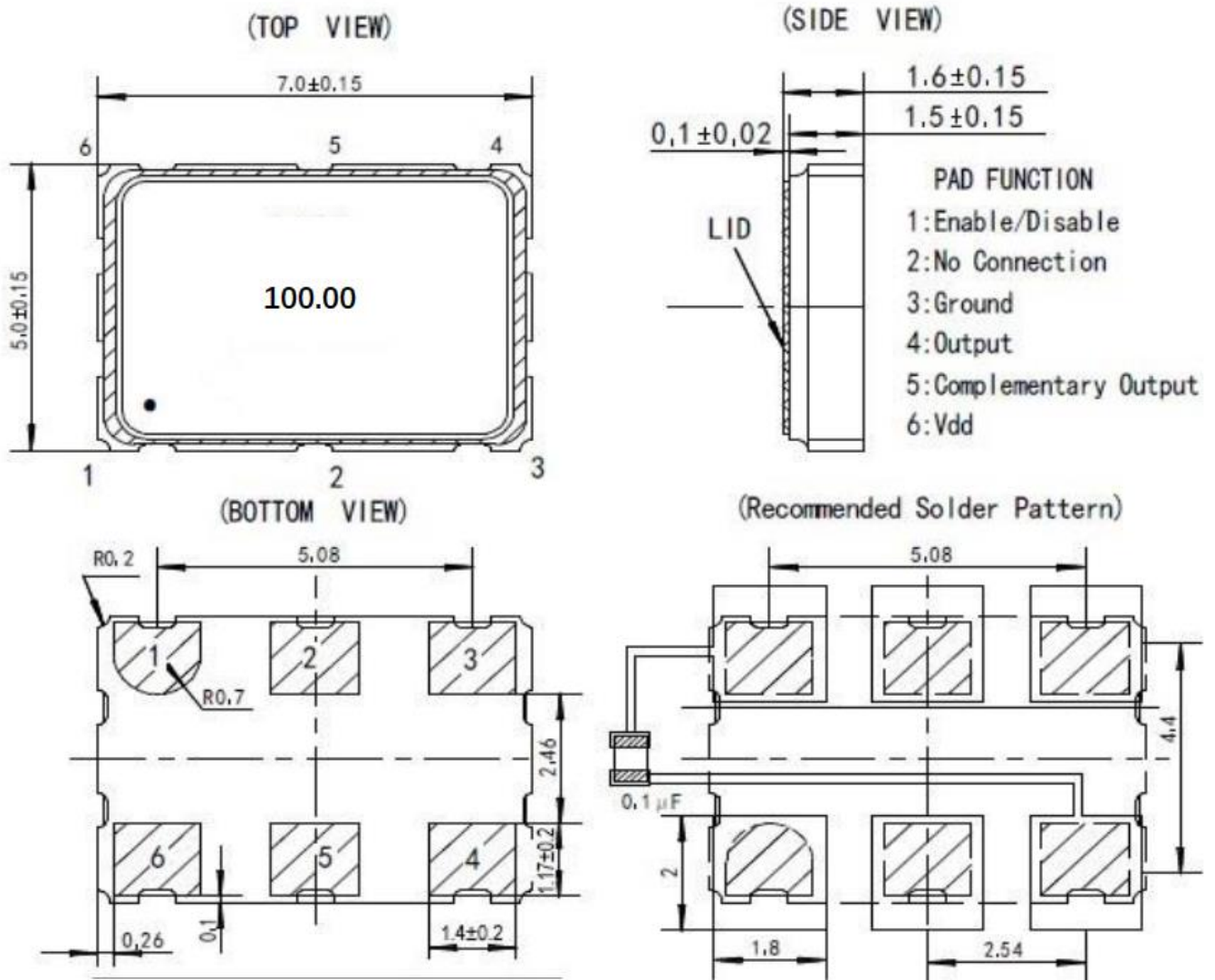


1、 Electrical Parameters

MODEL: DPBA10000010							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	100.00			MHz	
2	Vibration Mode	-	3rd				
3	Output Waveform	-	LVPECL				
4	Total stability	F-stab	-25		+25	$\times 10^{-6}$	Include frequency tolerance@25°C and frequency stability vs. operating temperature range and voltage variance.
5	Supply Variation	-	-2		+2	$\times 10^{-6}$	Vcc±5%
6	Load Variation	-	-2		+2	$\times 10^{-6}$	CL±5%
7	Operating Temperature	-	-40	25	85	°C	
8	Storage temperature range	-	-55		125	°C	
9	Operating Supply Voltage	Vdd	2.97	3.3	3.63	V	
10	“H” Output voltage	VOH	Vcc-1.025		Vcc-0.88	V	RL=50 ohms to (Vcc-2V)
11	“L” Output voltage	VOL	Vcc-1.81		Vcc-1.62	V	RL=50 ohms to (Vcc-2V)
12	Max Supply Voltage Range	-	-0.5		5	V	
13	Supply Current	Icc			70	mA	
14	Start up Time	-			10	mS	
15	Rise and Fall Time	Tr/Tf			0.4	nS	@20%-80%
16	Duty Cycle	-	45		55	%	@Vcc-1.3V
17	Aging	-	-5		+5	$\times 10^{-6}$	1year@25°C
18	Jitter	RMS			0.4	ps	12kHz ~ 20MHz
19	Enable Feature						
20	“H” Input Voltage	VIH	Vcc*0.7			V	
21	“L” Input Voltage	VIL			Vcc*0.3	V	
22	E/D (Pin 1)	Logic “1”Or Floating input, Outputs enable; Logic “0” ,Outputs disable					



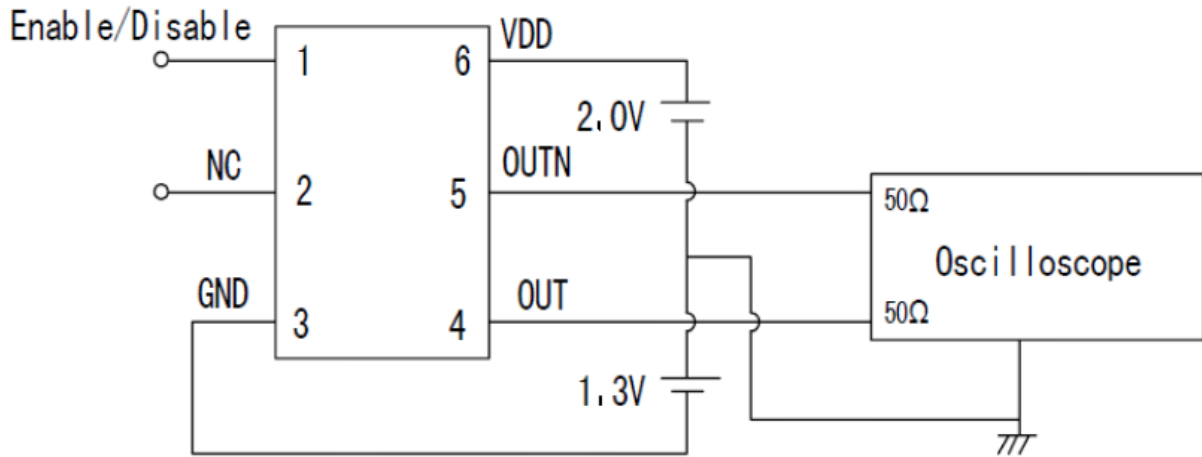
2、Mechanical Structure(mm)



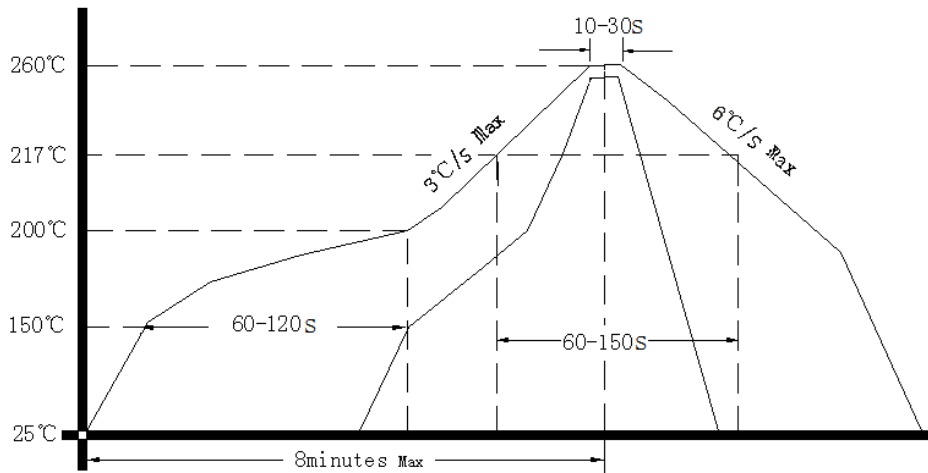
Note1: Tolerance ±0.2 mm



3. Test Circuit



4. Reflow Soldering Curve (RoHS)



5. Package: Tape & Reel (mm)

