

Customer Code : _____

DATASHEET

DAPU P/N: **DPBA15625006**

Plot			The Label
Drew	Audited	Approved	
Date: 2020.09.15			Stamp, please! Thanks!

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg16,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098

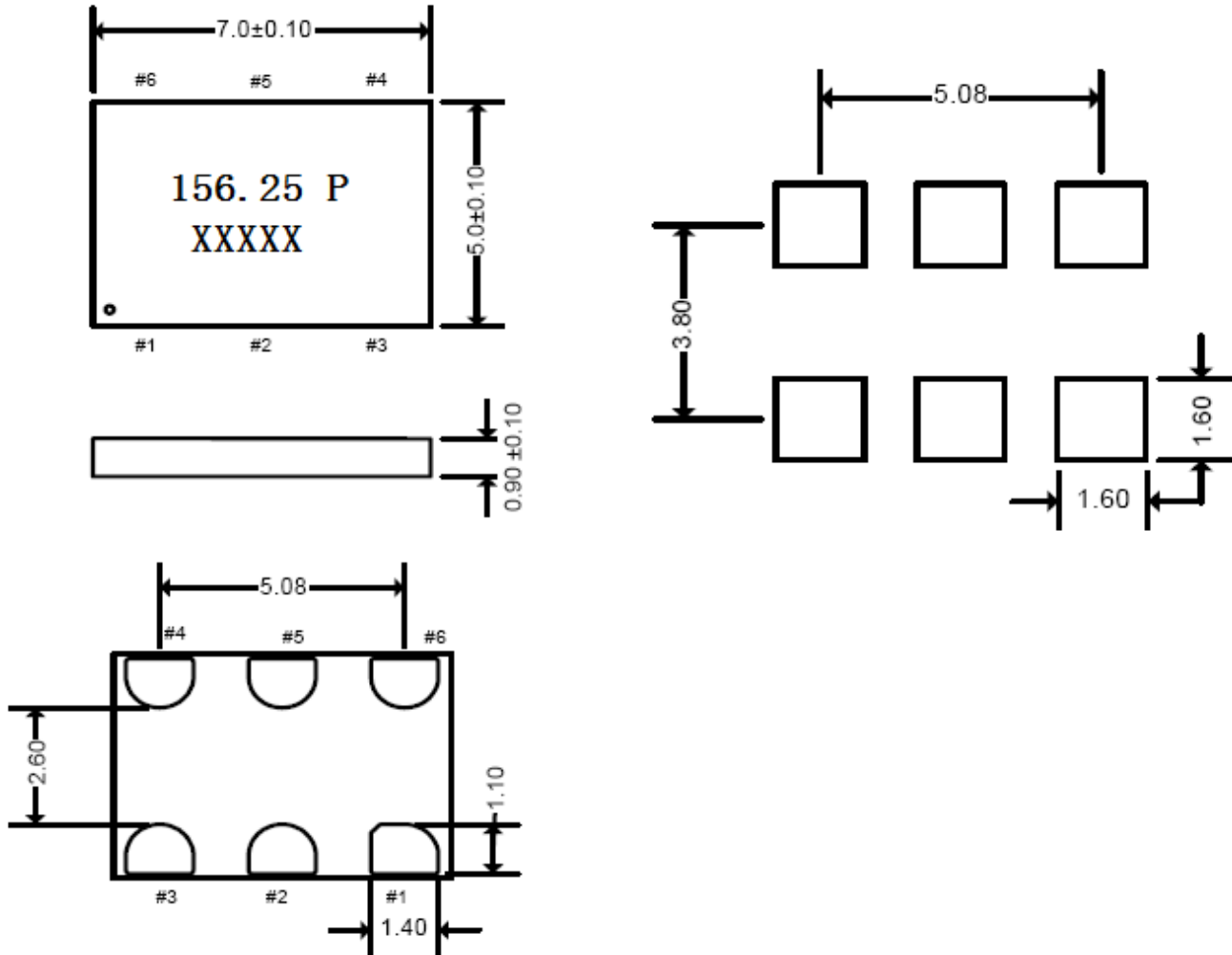


1、Electrical Parameters

MODEL: DPBA15625006							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	156.25			MHz	
2	Output Waveform		LVPECL				
3	Supply Voltage		2.375	2.5	2.625	V	
4	Frequency Tolerance	F-stab	-50		+50	$\times 10^{-6}$	Inclusive of initial tolerance, temperature variation, supply voltage change, reflow drift and aging(25°C, 10years)
5	Operating Temperature	T-opr	-40	~	+85	°C	
6	Storage Temperature	T-stg	-40	~	+100	°C	
7	First Year Aging	F-aging1	-10		+10	$\times 10^{-6}$	25°C
8	Current Consumption	I _{dd}	-		80	mA	OE=V _{cc} , LECL=50Ω
9	Disable Current	I _{OE}			20	mA	OE =GND
10	Rise/Full Time	Tr、 Tf			400	ps	20%~80%
11	Duty Cycle	DC	45		55	%	
12	Output Voltage High	VOH	V _{cc} -1.025	1.55	V _{cc} -0.88	V	
13	Output Voltage Low	VOL	V _{cc} -1.81	0.8	V _{cc} -1.62	V	
14	Input Voltage High	VIH	70%V _{cc}	-	-	V	Pin 1
15	Input Voltage Low	VIL	-	-	30%V _{cc}	V	Pin 1
16	Output load condition	L ECL	50			Ω	Terminated to V _{cc} -2.0V
17	Start up Time	T _{start}	-		10	ms	Time at minimum supply voltage to be 0 s.
18	Phase Jitter	T _{phj}			0.5	ps	Offset frequency =12kHz to 20MHz
19	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)



Pin Description

Pin	Map		Functionality
1	\overline{ST}	Input	H or Open: specified frequency output L: Device goes to sleep mode. Supply current reduces to I_{std} .
2	NC	NA	No Connect; Leave it floating or connect to GND for better heat dissipation
3	GND	Power	VDD Power Supply Ground
4	OUT+	Output	Oscillator output
5	OUT-	Output	Complementary oscillator output
6	VDD	Power	Power supply voltage

Note1: Tolerance ± 0.2 mm without mark

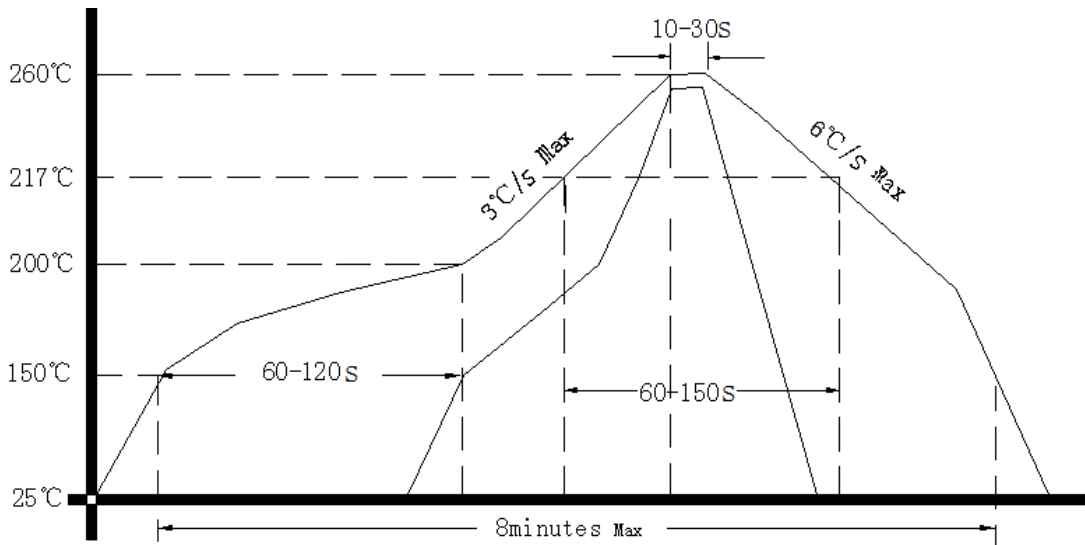
Note2: Referential weight 0.2g

Note3: P stands for output waveform: LVPECL

Note4: A capacitor of value $0.1\mu F$ or higher between Vdd and GND is required.



3、 Reflow Soldering Curve (RoHS)



4、 Package: Tape & Reel (mm)

