

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

# DATASHEET

DAPU P/N: DPBF1000006

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2021.03.17			

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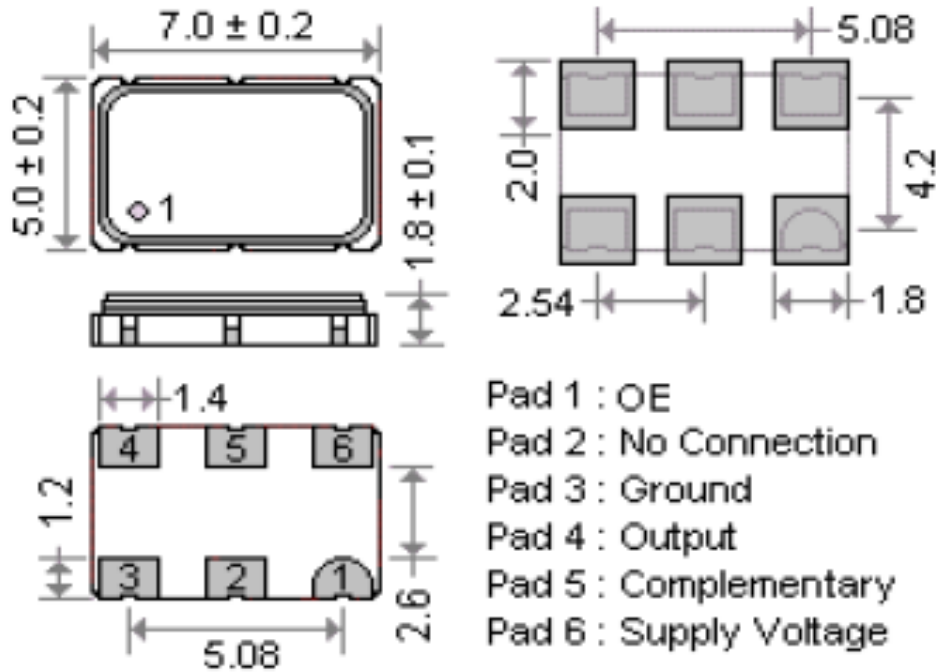


## 1、Electrical Parameters

MODEL: DPBF1000006							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	100.00			MHz	
2	Output Waveform		LVDS				
3	Load		50			Ohms	
4	Supply Voltage	Vcc	1.71	1.8	1.89	V	
5	Overall Frequency Stability	F-stab	-25		+25	$\times 10^{-6}$	Over Operating Temperature
6	Operating Temperature	T-opr	-40	~	+85	$^{\circ}\text{C}$	
7	Storage Temperature	T-stg	-55	~	+125	$^{\circ}\text{C}$	
8	Supply Current	Icc	-	16		mA	
9	Output voltage swing	Vos	250	350	450	mV	
10	Rise/Full Time	Tr、Tf		0.2		ns	20%~80%
11	High Level	Voh		1.4	1.6	V	RL=100 $\Omega$
12	Low level	Vol	0.9	1.1		V	RL=100 $\Omega$
13	Duty Cycle	SYM	45		55	%	
14	Start up Time	T_start	-	5		ms	
15	Aging	F_aging	-3		+3	$\times 10^{-6}$	First year
16	Jitter RMS(12KHZ-20MHZ)	Jms		0.2		ps	



## 2、Mechanical Structure(mm)



- Pad 1 : OE
- Pad 2 : No Connection
- Pad 3 : Ground
- Pad 4 : Output
- Pad 5 : Complementary
- Pad 6 : Supply Voltage

OE Function on pad No.1	Enable: When 70% min. of VDD to Enable Output. Enable time : 10 ms max.
	Disable: When 30% max. of VDD to Disable Output. Disable current : 10 uA max.(OE ≅ 0.3V) , Disable time : 0.2 us max.

**Note1:**Tolerance ±0.2mm without mark

**Note2:** Referential weight 0.2g