

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

# DATASHEET

DAPU P/N: DPBF1000005

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Plot			The Label
Drew	Audited	Approved	
Date: 2021.09.13			Stamp, please! Thanks!

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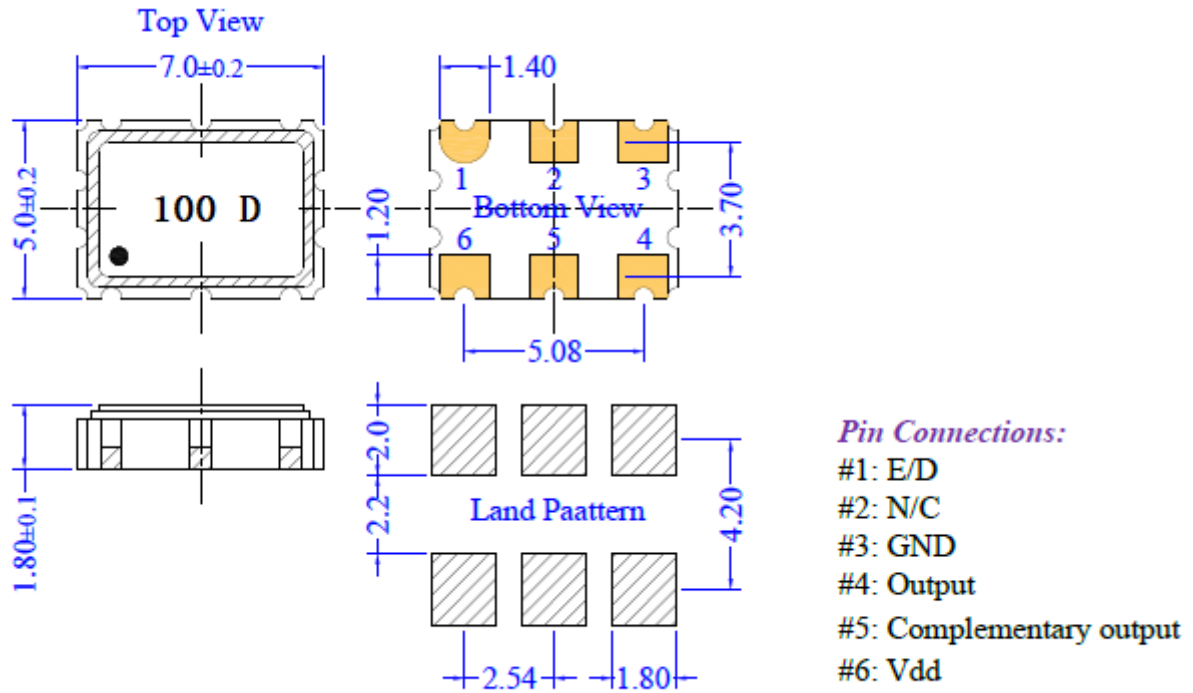


## 1、Electrical Parameters

MODEL: DPBF1000005							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	100.00			MHz	
2	Output Waveform		LVDS				
3	Load		100			Ohms	
4	Supply Voltage		2.97	3.3	3.63	V	
5	Overall Frequency Stability	F-stab	-50		+50	$\times 10^{-6}$	Initial tolerance@ +25°C Stability @ temperature Stability @ Vdd +/-5% Stability @ load +/-10% Ageing @ 1st year
6	Operating Temperature	T-opr	-40	~	+85	°C	
7	Storage Temperature	T-stg	-55	~	+125	°C	
8	Supply Current		-		30	mA	
9	Output DC Impedance		40		60	$\Omega$	
10	Rise/Full Time	Tr、Tf			0.4	ns	20%~80%
11	High Level			1.4	1.6	V	
12	Low level		0.9	1.1		V	
13	Duty Cycle	DC	45		55	%	
14	Enable/Disable(1#pin)	High of open =Enable, Low or GND=Disable					
15	Start up Time	T_start	-		10	ms	
16	Stand-by current				10	$\mu$ A	
17	Jitter RMS(12KHZ-20MHZ)				0.5	ps	
18	Phase noise			-80		dBc/Hz	100Hz
				-115			1KHz
				-135			10KHz
				-140			100KHz
				-145			1MHz
19	Shock	MIL-STD-202F method 213B, test condition: E, 1000G half-Sine wave					
	Vibration	MIL-STD-202F method 204, 35G, 50 to 2000Hz					
	Temperature Cycle	MIL-STD-883 method 1010					
	Solderability	MIL-STD-202F method 208E					
	Fine leak / Gross leak	MIL-STD-883 method 1014, condition A / MIL-STD-883					
	Resistance to solvent	Method 1014, condition C					
	Humidity	85% RH, +85°C for 48 hours					



## 2、Mechanical Structure(mm)



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

**Note2:** Referential weight 0.2g