

Customer Code :

DATASHEET

DAPU P/N: DPBA25000002

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Jack	David	William	
Date: 2022.10.25			

Guangdong Dapu Telecom Technology Co.,Ltd

Building 5, No.24, Industrial East Road, Songshanhu Park, Dongguan, Guangdong, P.R. China

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

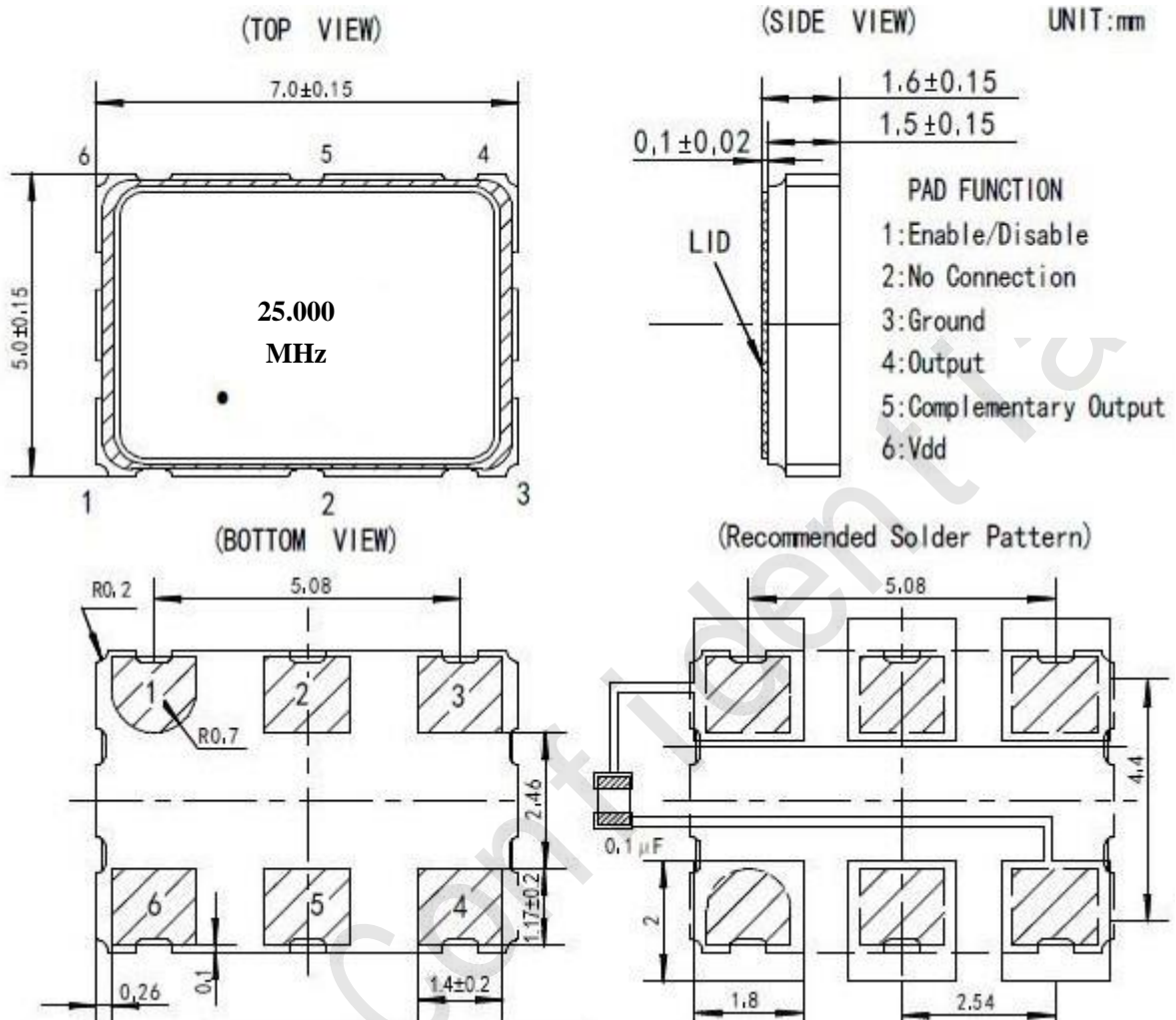


1、Electrical Parameter

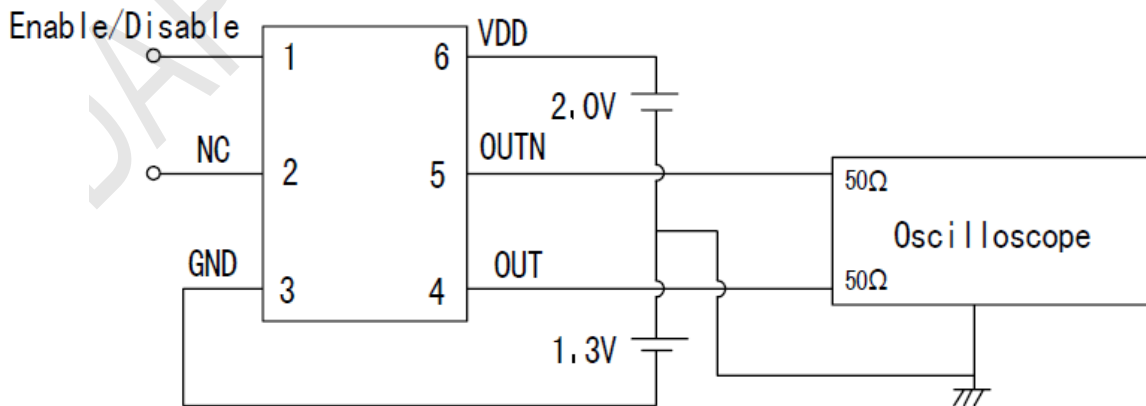
MODEL: DPBA25000002							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	25.00			MHz	
2	Supply Voltage	Vdd	2.97	3.3	3.63	V	
3	Frequency Stability	F-stab	-25		+25	$\times 10^{-6}$	Frequency tolerance at 25°C and variations over operating temperature. @25°C
4	First Year Aging		-5		+5	$\times 10^{-6}$	
5	Operating Temperature	T-opr	-40	~	+85	°C	
6	Start up Time	T_start			5	ms	
7	Storage Temperature	T-stg	-55	~	+125	°C	
8	Current Consumption	Idd	-		80	mA	
Enable Feature							
9	“H”Input Voltage	VIH	Vdd*0.7			V	
10	“L”Input Voltage	VIL			Vdd*0.3	V	
11	E/D(#1 pin E/D)	Logic “1”Or Floating input,Outputs enable; Logic “0” ,Outputs disable					
Output LVPECL							
12	Rise/Fall Time	Tr、Tf			400	ps	20%~80% Vdd
13	“H”Onput Voltage	VOH	Vdd-1.085		Vdd-0.88	V	RL=50 ohms to (Vdd-2V)
14	“L”Onput Voltage	VOL	Vdd-1.825		Vdd-1.62	V	
15	Duty Cycle	DC	45		55	%	@Vdd-1.3V
16	Phase Noise				-60	dBc	10Hz
17					-90	dBc	100Hz
18					-125	dBc	1KHz
19					-145	dBc	10KHz
20					-150	dBc	100KHz
21	RMS Jitter				0.2	ps	12kHz to 20MHz



2、Mechanical Structure



3、Termination Diagrams

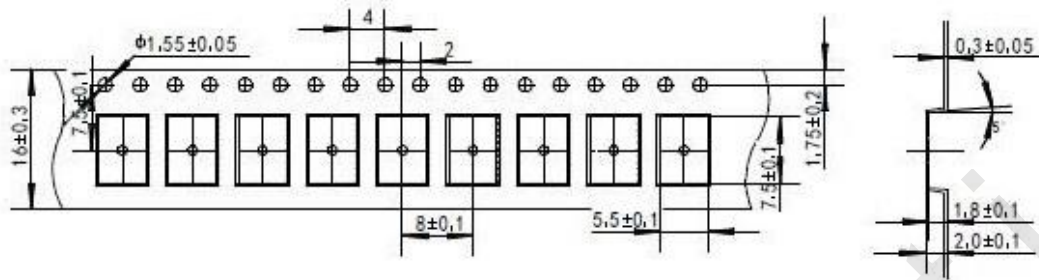




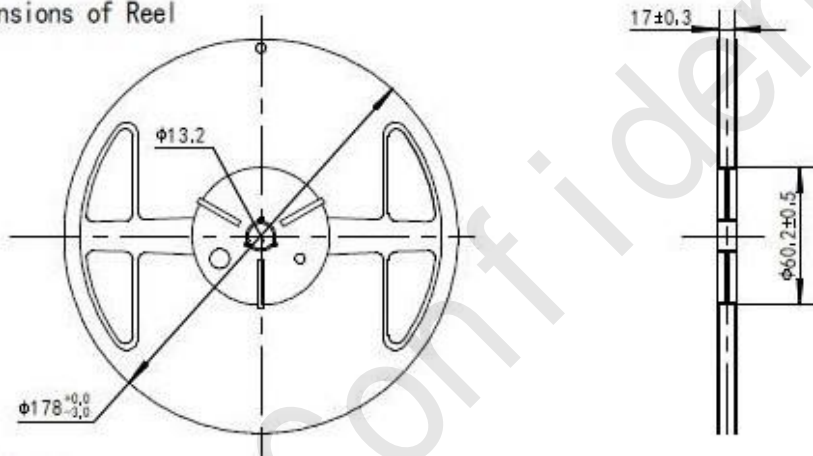
4、 Package: Tape & Reel

1. Dimensions of Carrier Tape

UNIT:mm



2. Dimensions of Reel



5、 Electro-static Discharges

HBM/ESD Component Classification:

HBM/ESD	Voltage Range(V)
1	0~1999
2	2000~3999
3	4000~ABOVE

MM/ESD Component Classification:

MM/ESD	Voltage Range(V)
A	0~199
B	200~399
C	400~ABOVE