Customer Code:_____

DATASHEET

DAPU P/N: **DPZ7548M000033B0**

DAPU			Customer Approval
Drew	Audited	Approved	
Jack	David	William	
Date: 2022.04.19			Stamp, please! Thanks!

Guangdong Dapu Telecom Technology Co.,Ltd

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1、 Electrical Parameters

MODEL：DPZ7548M000033B0							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL		48.00		MHz	
2	Frequency Stability(Overall)	-	-50		+ 50	$\times 10^{-6}$	Includes frequency tolerance@25℃ and frequency stability VS.operating temperature range and voltage variance and load change and first year aging.
3	Operating Temperature	Topr	-40	~	+ 85	℃	
4	Storage Temperature	Tstg	-55	~	+ 125	℃	
5	Supply Voltage	V_{DD}	2.97	3.3	3.63	V	
6	Input Current	Icc			15	mA	
7	Output waveform	-		CMOS			
8	Output Load	CL		15		pF	
9	Output Voltage High	V_{OH}	90%			V_{DD}	
10	Output Voltage Low	V_{OL}			10%	V_{DD}	
11	Rise/Fall Time	Tr、 T_f			4	ns	20%-80%V_{DD} Level
12	Aging	-	-3		+ 3	$\times 10^{-6}$	First Year at 25℃
13	Tri-State Output Enable	-	70%			V_{DD}	Pin 1, OE
14	Tri-State Output Disable	-			30%	V_{DD}	Pin 1, OE
15	Duty Cycle	-	45	~	55	%	
16	Start-Up Time	Tstart			10	ms	Measured from the time V_{DD} reaches its rated minimum value

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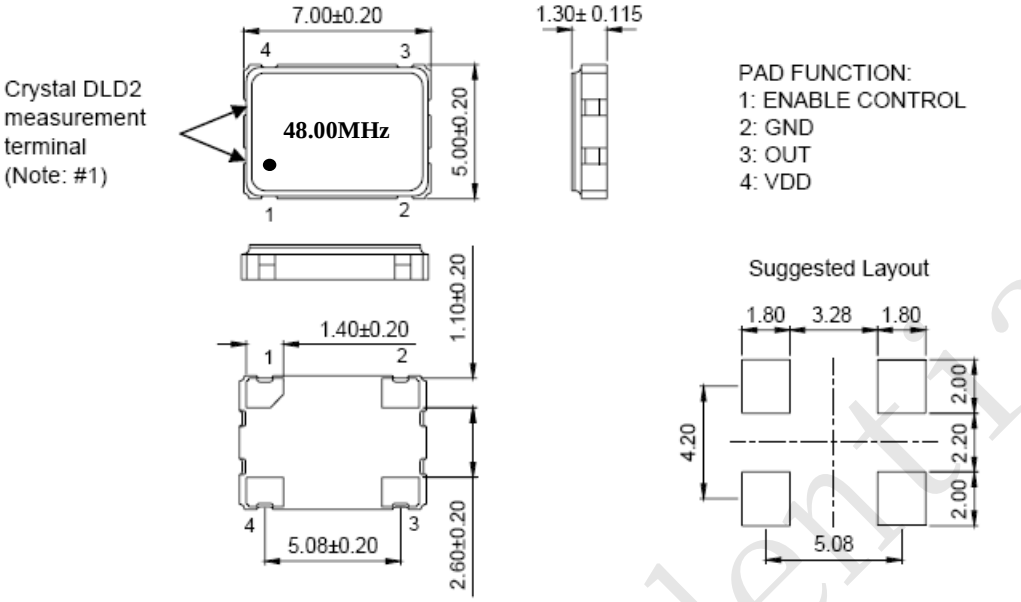
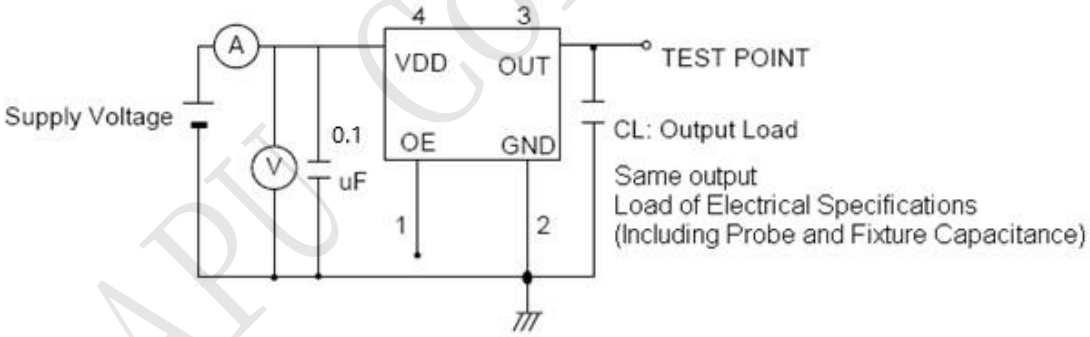
2、Mechanical Structure(mm)



Note: #1. DLD2 / Drive Level Dependency 2 Maximum resistance minus minimum resistance.

Note1: Tolerance±0.2mm without mark

3、Test Circuit



Control input (output enable/disable)
Logic 1 or open on pad 1: Oscillator output
Logic 0 on pad 1 : Disable output to high impedance

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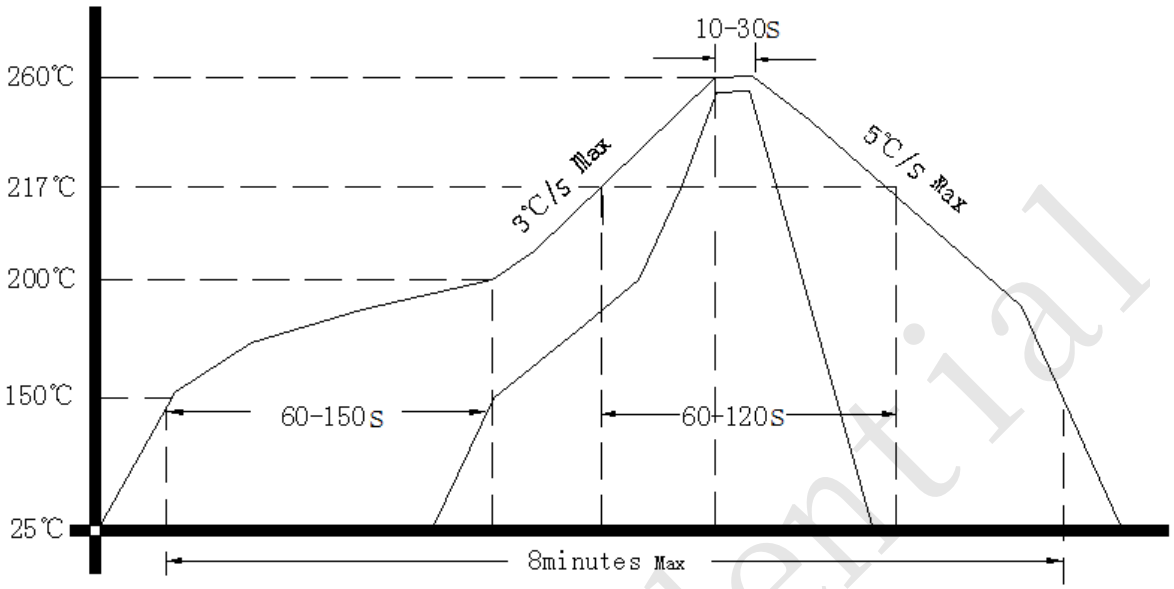
4、Reflow Soldering Curve (RoHS)



5、Package: Tape & Reel (mm)