

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

# DATASHEET

**DAPU P/N:** DPX2148M000011A103

<b>DAPU</b>			<b>Customer Approval</b>
Drew	Audited	Approved	
Jieshu ZHENG	Jianhua LIN	Gangtao FENG	
Date: 2025/3/17			

Stamp, please! Thanks!

## Guangdong Dapu Telecom Technology Co.,Ltd

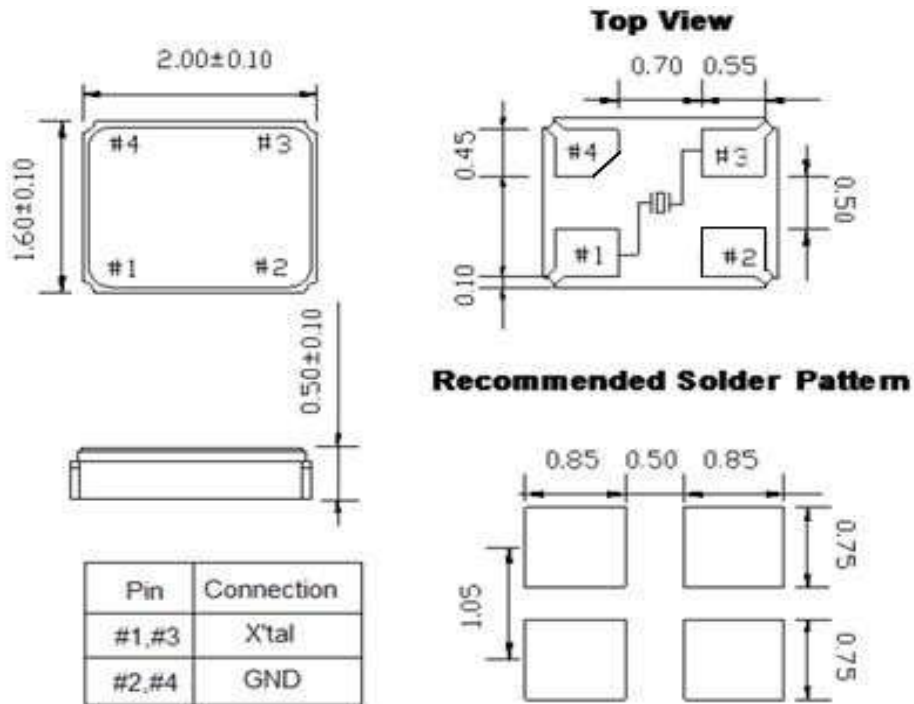
Bldg 5, SSL Modern Enterprise Accelerator Zone, Dongguan City, Guangdong Province, PRC China  
TEL: 0086-0769-88010888 FAX: 0086-0769-81800098



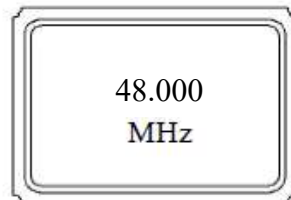
## 1、Electrical Parameter

MODEL:		DPX2148M000011A103					
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Specification	-	2016			-	
2	Nominal Frequency	FL	48.000			MHz	
3	Oscillation Mode	-	Fundamental			-	
4	Load Capacitance	CL	11.1			pF	
5	Frequency Tolerance	-	-8		8	$\times 10^{-6}$	At 25°C±2°C
6	Frequency Stability		-16		16	$\times 10^{-6}$	-40~105°C
7	Operating Temperature	Topr	-40		105	°C	
8	Storage Temperature	Tstg	-40		125	°C	
9	Drive Level	DL	0.01	-	400	μW	
10	Equivalent Series Resistance	ESR			22	Ω	
11	Shunt Capacitance	C0	0.6	0.8	1.6	pF	
12	Insulation Resistance	IR	500			MΩ	At DC 100V
13	Aging	-	-3		3	$\times 10^{-6}$	First year at 25°C
14	Motional Capacitance	C1	2.16	3.16	4.16	fF	
15	Motional inductance	L1	1.00	3.49	4.00	mH	
16	Moisture Sensitivity Level		Level 1			-	
17	Standard	-	-			-	

## 2、 Mechanical Structure

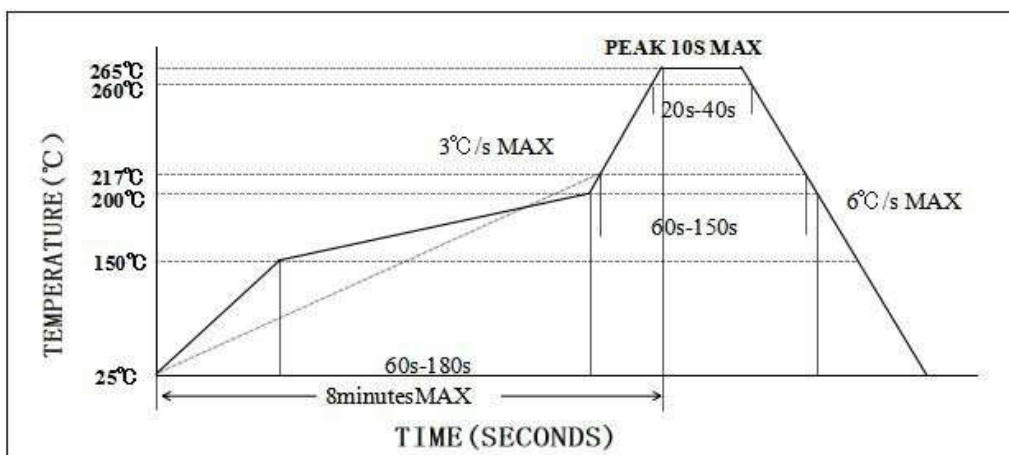


## 3、 Marking

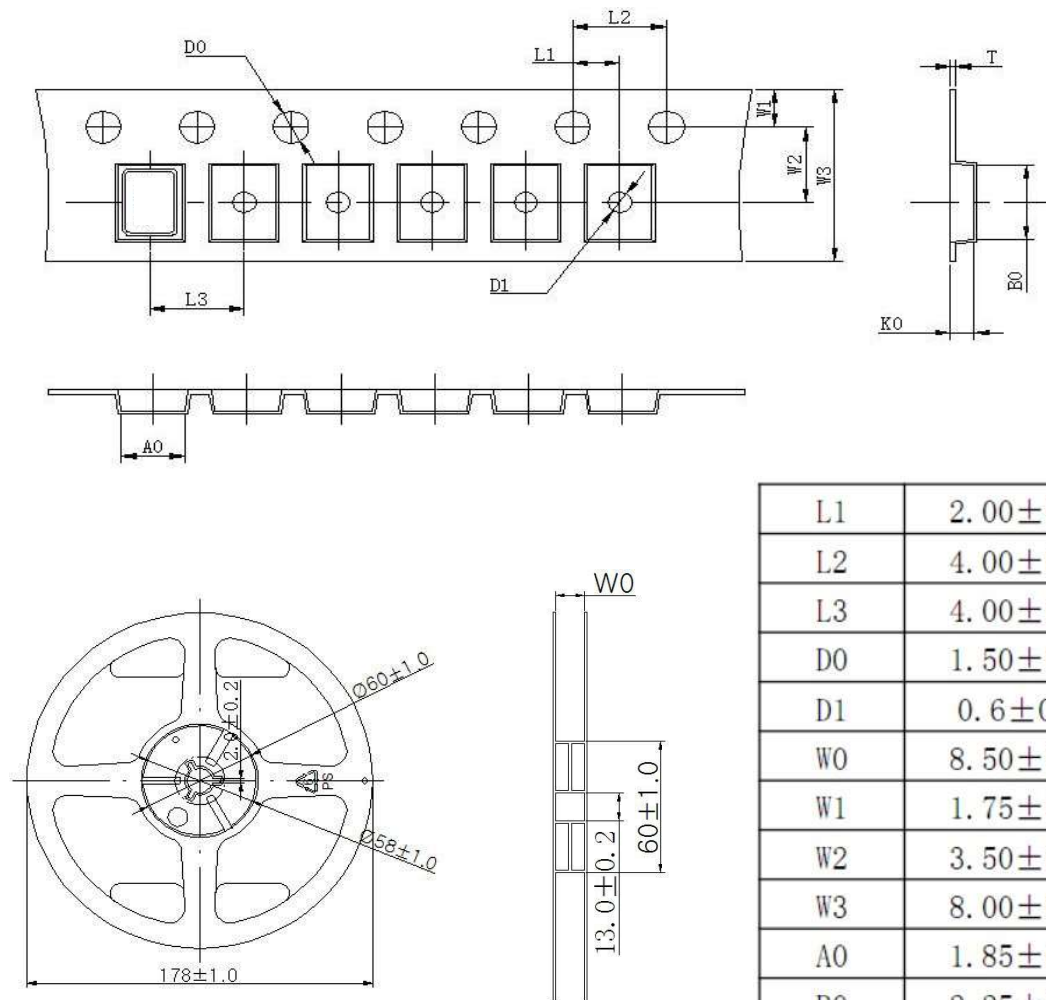


48.000 ----- Nominal frequency

## 4、 Reflow Soldering Curve (RoHS)



**5、 Package: Tape & Reel (mm)**



L1	2.00±0.1
L2	4.00±0.1
L3	4.00±0.1
D0	1.50±0.1
D1	0.6±0.1
W0	8.50±0.2
W1	1.75±0.1
W2	3.50±0.1
W3	8.00±0.1
A0	1.85±0.1
B0	2.25±0.1
K0	0.65±0.1
T	0.25±0.05