

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

# DATASHEET

**DAPU P/N:** DPX0232K7680125A001

<b>DAPU</b>			<b>Customer Approval</b>
Drew	Audited	Approved	
Jieshu ZHENG	Jianhua LIN	Gangtao FENG	
Date: 2024/3/29			
			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



---

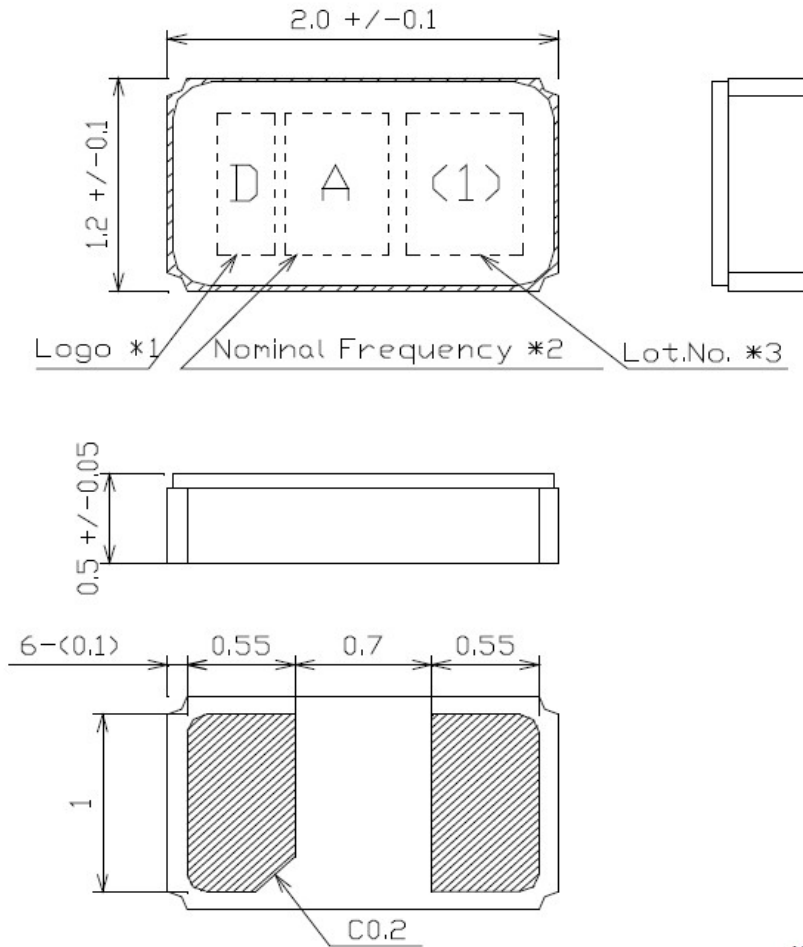
**Table of amendment**

Version	Revision contents	Prepared by	Revised date
1.0	The first issued	Jieshu ZHENG	2024/3/29

## 1、Electrical Parameter

MODEL :		DPX0232K7680125A001					
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Specification	-	2012			-	
2	Nominal Frequency	FL	32.768			KHz	
3	Oscillation Mode	-	Fundamental			-	
4	Load Capacitance	CL	12.5			pF	
5	Frequency Tolerance	-	-20		20	$\times 10^{-6}$	At 25°C (Not include aging)
6	Turnover Temperature	-		25		°C	
7	Operating Temperature	Topr	-40		85	°C	
8	Storage Temperature	Tstg	-40		85	°C	
9	Drive Level	DL		0.2	1	$\mu$ W	
10	Equivalent Series Resistance	ESR			50	K $\Omega$	At 25°C
11	Parabolic Coefficient	-	-0.040			ppm/°C <sup>2</sup>	
14	Shunt capacitance	C0		1	-	pF	
15	Insulation Resistance	IR	500			M $\Omega$	
16	Standard	-	-			-	

**2、 Dimension drawing (Unit: mm)**



unit : mm

Tolerance ± 0.1

Marking should be printed as follows:

Logo(\*1),Nominal Frequency(\*2),Lot No.(\*3)

\*1 Manufacturer's trademark shall be marked 'D' as Logo.

\*2 In case of 32.768kHz, nominal frequency shall be marked 'A'.

\*3 Lot No. shall be marked three figures.

(1) Year: The last digit of the year.

Week: We gave the sequence of week numbers 01 (first week) for production date.

There are starting from 1st of Jan.

However, add '0' figure to the first week during the 9th weeks.

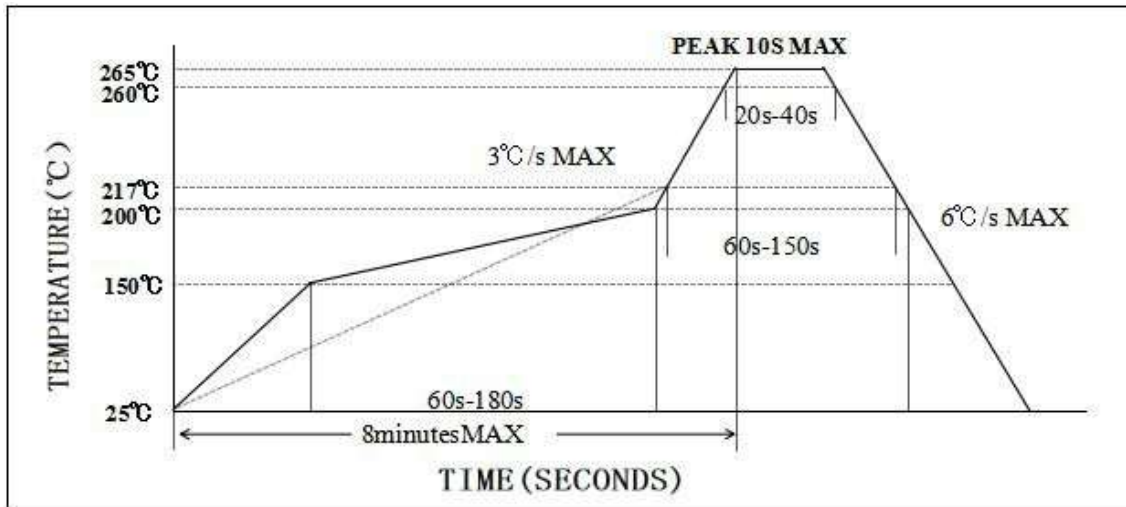
The week means are from Sunday to Saturday.

ex. Manufactured day: 2014.05.09

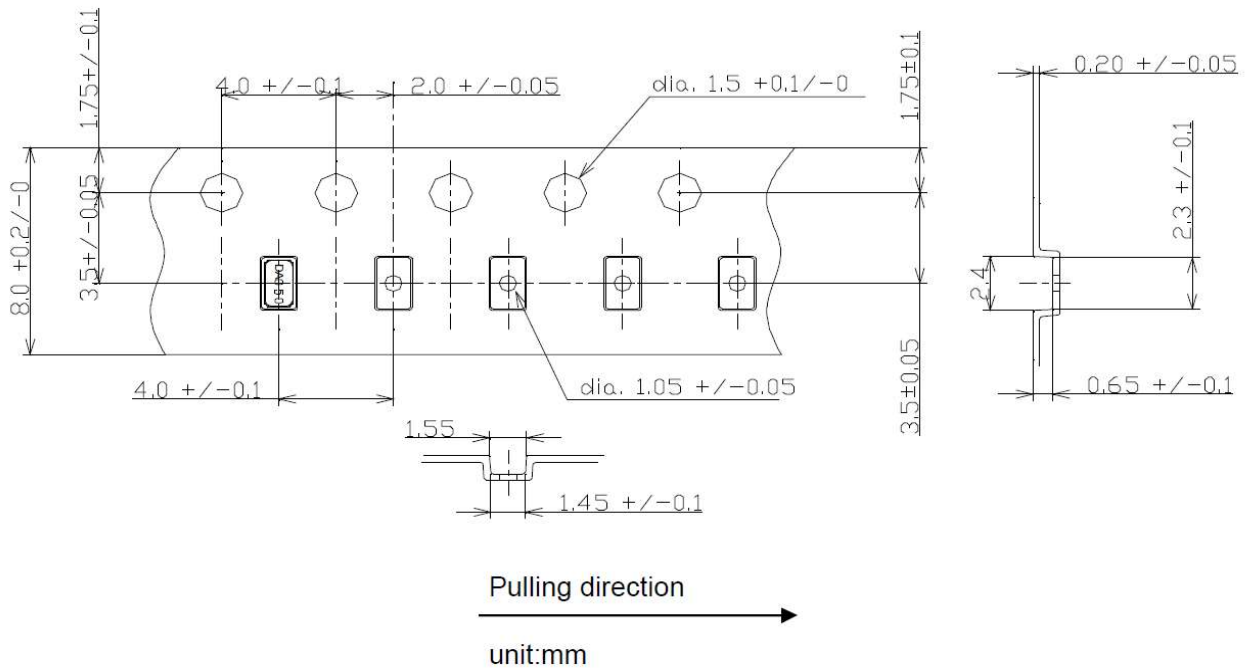


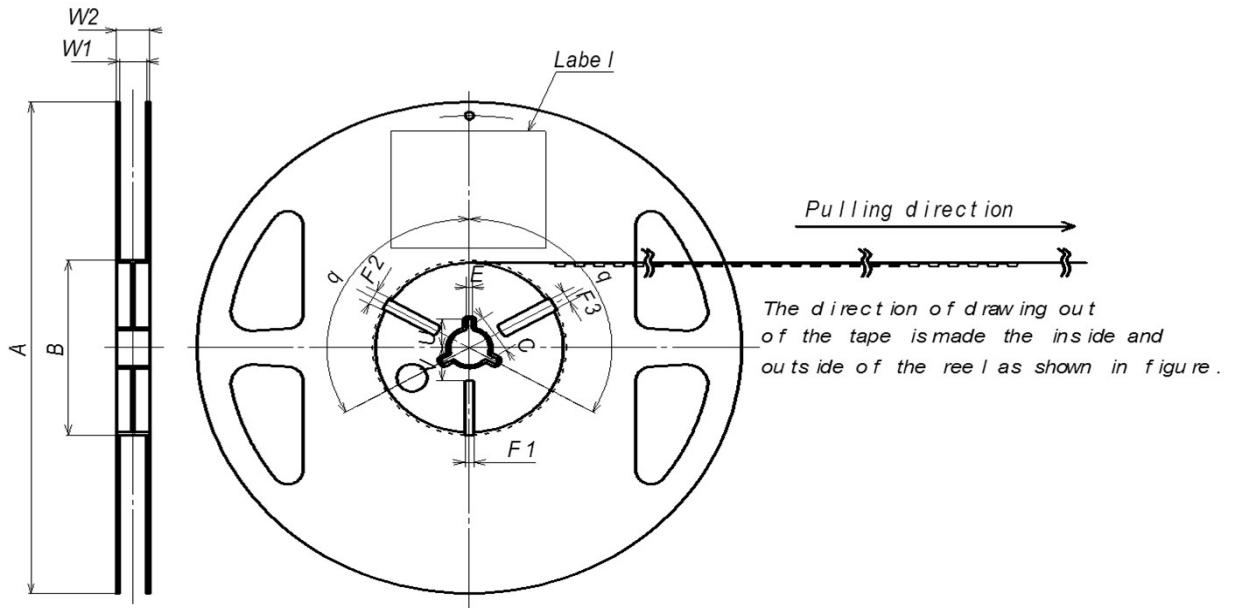
4 19  
Year Week

#### 4、 Reflow soldering



#### 5、 Package: Tape & Reel (mm)





unit:mm

Item		Mark	Dimensions / Angle	
Flange	Diameter	A	$\Phi 180 +0 -3.0$	
	Inside width	W1	$9.0 \pm 0.3$	
	Outside width	W2	$11.4 \pm 1.0$	
Center Core	Out Line diameter		B	$\Phi 60 +1.0 -0$
	Center core slit	Width	F1	$3.0 \pm 0.2$
			F2	$4.0 \pm 0.2$
			F3	$5.0 \pm 0.2$
	Length		V	11.9
	Position		q	$120^\circ$
	Spindle diameter		C	$\Phi 13 \pm 0.2$
	key Seats	Width	E	$2.0 \pm 0.5$
		Length	U	$10.5 \pm 0.4$
Position		q	$120^\circ$	
Indication of type		Sticker label on one side of flange		