

Travelling Merchant: \_\_\_\_\_

# DATASHEET

Standard: DPX3132K7680125A003

| Plot             |                   |                   | The Label              |
|------------------|-------------------|-------------------|------------------------|
| Drew             | Audited           | Approved          | Stamp, please! Thanks! |
| <i>Amway.wei</i> | <i>Carry.Wang</i> | <i>Jason zhao</i> |                        |
| Date: 2024.03.14 |                   |                   |                        |

## Guangdong Dapu Telecom Technology Co.,LTD

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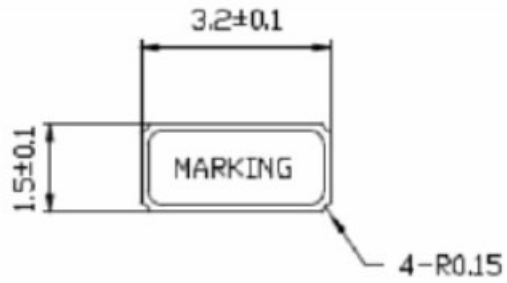
TEL: 0086-0769-88010888 FAX: 0086-0769-81800098

**1、 Electrical Parameters**

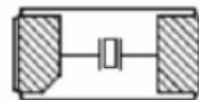
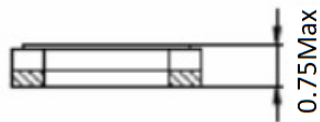
| MODEL: DPX3132K7680125A003 |                              |   |                  |      |       |                     |              |
|----------------------------|------------------------------|---|------------------|------|-------|---------------------|--------------|
| No.                        | Parameters                   | SYM.  | Electrical Spec. |      |       |                     | Notes        |
|                            |                              |   | Min.             | Typ. | Max.  | Units               |              |
| 1                          | Nominal Frequency            | FL  | 32.768           |      |       | KHz                 |              |
| 2                          | Oscillation Mode             | -   | Fundamental      |      |       | -                   |              |
| 3                          | Load Capacitance             | CL  | 12.5             |      |       | pF                  |              |
| 4                          | Frequency Tolerance          | -   | -20              | ~    | +20   | $\times 10^{-6}$    | at 25°C± 3°C |
| 5                          | Parabolic Coefficient        | -   | -                | ~    | -0.04 | PPM/°C <sup>2</sup> |              |
| 6                          | Operating Temperature        | -   | -40              | ~    | +85   | °C                  |              |
| 7                          | Storage Temperature Range    | -   | -55              | ~    | +125  | °C                  |              |
| 8                          | Aging                        | -   | -3               | ~    | +3    | $\times 10^{-6}$    | Per year     |
| 9                          | Drive Level                  | DL  | -                | 0.1  | 0.5   | uW                  |              |
| 10                         | Equivalent Series Resistance | Rr  | -                | -    | 70    | KΩ                  |              |
| 11                         | Shunt Capacitance C0         | C0  | -                | 1.1  | -     | pF                  |              |
| 12                         | Motional Capacitance         | C1  | -                | 4.1  | -     | pF                  |              |
| 13                         | Insulation Resistance        | -   | 500              | -    | -     | MΩ                  | at DC 100V   |
| 14                         | ESD Level                    | Human Body Model, class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010.  |                  |      |       |                     |              |
|                            |                              | Machine Model, class B: 200V to 400V; JEDEC JESD22-A115C.   |                  |      |       |                     |              |
| 15                         | Moisture Sensitivity Level   | Level 2   |                  |      |       |                     |              |
| 16                         | Vibration                    | Test Condition: 0.75mm; acceleration:10g; 10Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X, Y, Z). IEC 68-2-06 Test Fc. |                  |      |       |                     |              |
| 17                         | Shock                        | 100g; 6ms; half sine wave (3 times for each 3 directions X, Y, Z), IEC 68-2-27 Test Ea/Severity 50A.  |                  |      |       |                     |              |



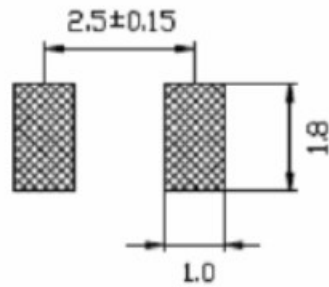
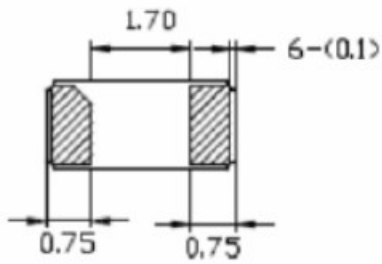
## 2、Mechanical Structure(mm)



<TOP VIEW>

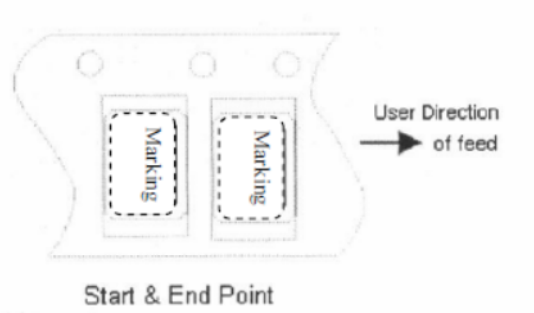
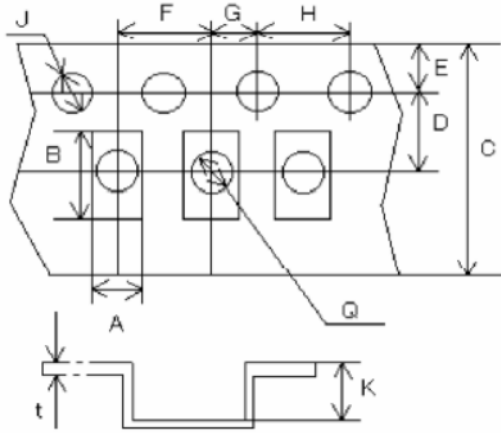


LAND PATTERN(REFERENCE)





### 3、 Package: Tape & Reel (mm)



| A    | B    | C    | D   | E    | F   | G   | H   | J   | K   | t    |
|------|------|------|-----|------|-----|-----|-----|-----|-----|------|
| 1.75 | 3.45 | 12.0 | 5.5 | 1.75 | 4.0 | 2.0 | 4.0 | 1.5 | 1.0 | 0.25 |

REMARK :

