

Travelling Merchant: _____

DATASHEET

Standard: DP8B32768002

| Plot | | | The Label |
|------------------|---------|----------|------------------------|
| Drew | Audited | Approved | Stamp, please! Thanks! |
| | | | |
| Date: 2021.03.17 | | | |

Guangdong Dapu Telecom Technology Co.,LTD

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

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

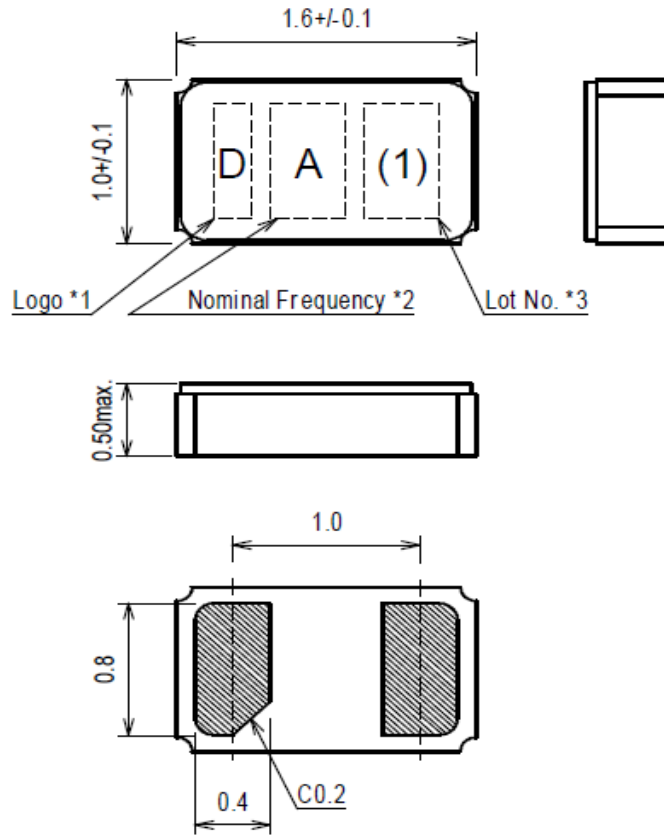


1、 Electrical Parameters

| MODEL: DP8B32768002 | | | | | | | |
|---------------------|------------------------------|--|------------------|------|-------|---------------------|------------------|
| 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 | 7 | | | pF | |
| 4 | Frequency Tolerance | - | -20 | ~ | +20 | $\times 10^{-6}$ | at 25°C± 3°C |
| 5 | Parabolic Coefficient | - | - | ~ | -0.04 | PPM/°C ² | |
| 6 | Operating Temperature | - | -40 | ~ | +85 | °C | |
| 7 | Storage Temperature Range | - | -40 | ~ | +85 | °C | |
| 8 | Turnover temperature | - | 20 | 25 | 30 | °C | |
| 9 | Drive Level | DL | - | 0.1 | 0.5 | uW | |
| 10 | Equivalent Series Resistance | Rr | - | - | 80 | KΩ | |
| 11 | Shunt Capacitance C0 | C0 | - | 1.3 | - | pF | |
| 12 | Insulation Resistance | - | 500 | - | - | MΩ | at DC 100V+/-15V |
| 13 | 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. | | | | | |
| 14 | Moisture Sensitivity Level | Level 2 | | | | | |
| 15 | 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. | | | | | |
| 16 | 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)



unit : mm

Tolerance ± 0.1

Fig.-1

2.2. MARKING

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: 2018.03.19



8 12
Year Week



3、 Package: Tape & Reel (mm)

