

**Product Features**

1. Reliable seam sealed ceramic package
2. Wide operating temperature range
3. Superior performance and stringent reliability in harsh environment
4. AEC-Q200 Compliant
5. RoHS and REACH Compliant , Pb-free , Halogen-free
6. Industry Standard Package :  
3.2 x 2.5 x 0.7 mm (AM Series)

**Application :**

- Automotive Wireless Communication
- In-Vehicle Infotainment system
- Camera , Radar , Lidar , TPMS , Smart Key
- Battery Management System , Body Control
- Power steering , Breaking System , Engine Control



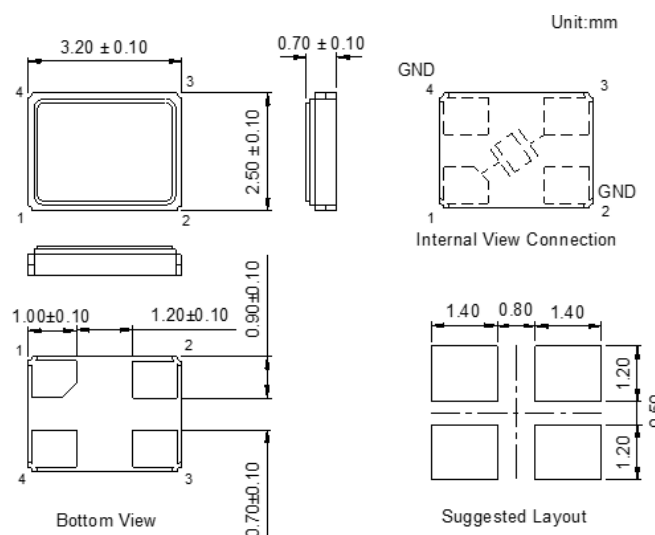
Test condition  
Ambient temperature : 25 ± 5°C  
Relative humidity : 40% ~ 70%

● **Table 1 . Electrical Specifications**

| Parameters  | Symbol | Min.                   | Typ. | Max. | Units | Notes      |
|---|--------|------------------------|------|------|-------|------------|
| Nominal Frequency   | F      | 8 ~ 62.4               |      |      | MHz   |            |
| Frequency Tolerance   | FT     | ± 10                   |      |      | ppm   | @25°C±3°C  |
| Frequency Stability<br>Over Operating Temp. Range<br>(Reference 25°C) | ST     | ± 15                   |      |      | ppm   | @-40~85°C  |
|   |        | ± 30                   |      |      |       | @-40~105°C |
|   |        | ± 50                   |      |      |       | @-40~125°C |
| Operating Temperature   | Topr   | -40                    | 25   | 125  | °C    |            |
| Load Capacitance  | CL     | 8 , 10 , 12 or specify |      |      | pF    |            |
| Drive Level   | DL     | -                      | 100  | 300  | uW    |            |
| Equivalent Series Resistance  | ESR    | -                      | -    | 180  | Ohm   | 8~12MHz    |
|   |        | -                      | -    | 100  |       | 12~20MHz   |
|   |        | -                      | -    | 60   |       | 20~30MHz   |
|   |        | -                      | -    | 30   |       | 32~62.4MHz |
| Aging   | -      | ± 3                    |      |      | ppm   | 1st Year   |
|   |        | ± 15                   |      |      |       | 15th Year  |

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

● **Dimensions**



(Unit : mm)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Crystals](#) category:*

*Click to view products by [TXC Corporation](#) manufacturer:*

Other Similar products are found below :

[CX3225GB25000M0PPSZ1](#) [718-13.2-1](#) [7A-40.000MAAE-T](#) [FL2000085](#) [99-BU](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [H10S-12.000-18-EXT-TR](#) [ABC2-6.000MHZ-D4Z-T](#) [ABLS-20.000MHZ-D2-T](#) [ABS071-32.768KHZ-6-T](#) [R38-32.768-12.5-5PPM-NPB](#) [BTD1062E05A-513](#) [21U15A-21.4MHZ](#) [RTX-781DF1-S-20.950](#) [LFXTAL066198Cutt](#) [9C-14.31818MBBK-T](#) [A-11.000MHZ-27](#) [ABL-27.000MHZ-B4Y-T](#) [ABM11-132-24.000MHZ-T3](#) [ABM3B1-25.000MHZ-D2Y-T](#) [SPT2A-.032768B](#) [SPT2A.032768G](#) [LFXTAL065253Cutt](#) [LFXTAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#) [CX2520DB16000H0HPQCC](#) [MMCC2R32.7680KHZ](#) [6504-202-1501](#) [6526-202-1501](#) [ABLS-12.000MHZ-B2Y-T](#) [7A-10.000MBBK-T](#) [SG636PCE-20.000MC](#) [3404](#) [CM315D32768EZFT](#) [C1E-24.000-7-2020-R](#) [C1E-19.200-12-1530-X-R](#) [C1E-16.000-12-1530-X-R](#) [ABM11-16.000MHZ-9-B1U-T](#) [FL5000014](#) [EUCA18-3.1872M](#) [FX0800015](#) [425F35E027M0000](#) [FP0800018](#) [MS3V-T1R-32.768kHz-7pF-20PPM-TA-QC-Au](#) [VXM7-1C1-16M000](#) [MS3V-T1R-32.768kHz-9pF-20PPM-TA-QC-Au](#)