

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



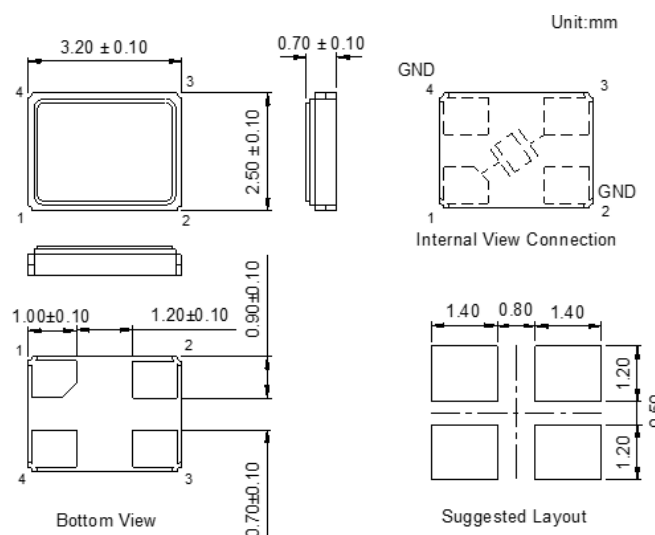
Test condition
Ambient temperature : 25 ± 5°C
Relative humidity : 40% ~ 70%

● **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 Over Operating Temp. Range (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)

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