

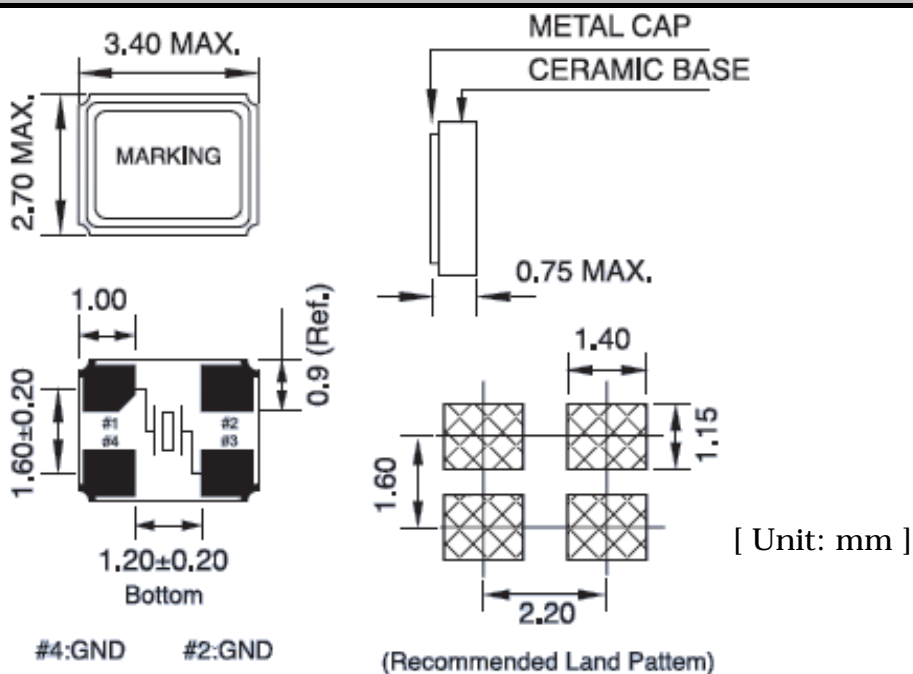
### SPECIFICATION DATA SHEET

DATE:

2-Jun-11

|                                |                               |
|--------------------------------|-------------------------------|
| TYPE                           | 3.2x2.5 SMD Crystal           |
| Part Number                    | ASX3F-12M-FE120E2             |
| Nominal frequency              | 12.000000 MHz                 |
| Mode                           | Fundamental                   |
| Frequency tolerance (at 25±3 ) | ± 30 ppm                      |
| Frequency Stability (vs. 25 )  | ± 30 ppm                      |
| Operating Temperature          | -10 ~+ 70                     |
| Storage Temperature            | -55 ~+ 125                    |
| Aging Rate                     | ± 3 ppm/ Year                 |
| Test Circuit                   | S & A 350A with $\pi$ fixture |
| Load capacitance               | 12 pF                         |
| Drive level                    | 100 $\mu$ W                   |
| Equivalent Series Resistance   | 100 $\Omega$ Max              |
| Shunt Capacitance (C0)         | 5 pF                          |

### OUTLINE DIMENSIONS



Remarks: Marking by our standard laser marking.

\* We reserved the right to change the content anytime.