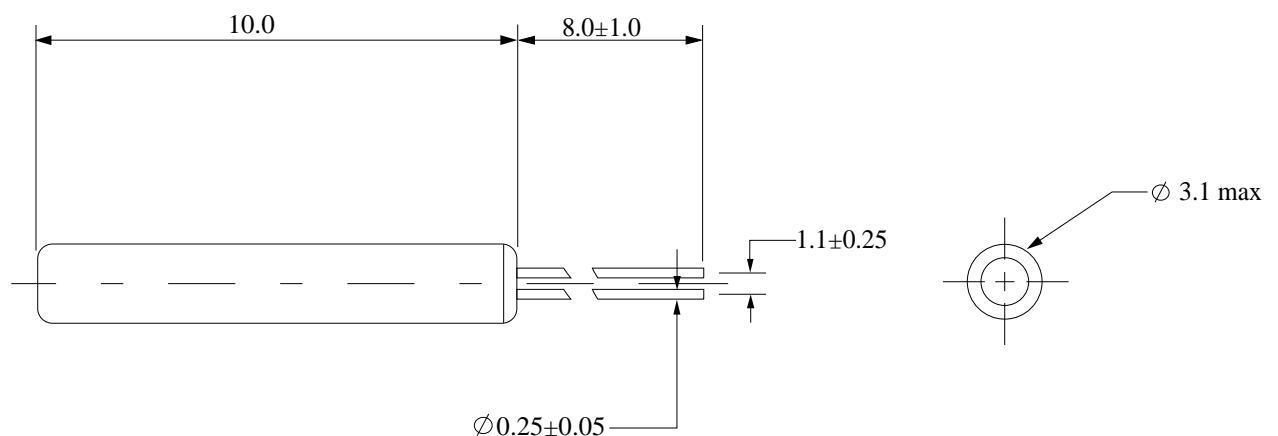


MIEC

SPECIFICATION OF CRYSTAL UNIT

| | |
|--------------------------------|------------------------------------|
| 1. Nominal Frequency | 4.0 MHz |
| 2. Holder Type | AT310 |
| 3. Frequency Tolerance | ± 30 ppm at 25°C |
| 4. Equivalent Resistance | 180 Ω max. |
| 5. Storage Temperature Range | -10°C to +60°C |
| 6. Operating Temperature Range | -10°C to +60°C |
| 7. Loading Capacitance | 16pF |
| 8. Drive Level | 50 μ W max. |
| 9. Shunt Capacitance | 5 \pm 0.3pF max. |
| 10. Insulation Resistance | 500M Ω @100 V _{DC} |
| 11. Aging | ± 5 ppm/ year max. |
| 12. Operating Voltage | 3V \pm 10% |
| 13. Oscillation Mode | Fundamental |

D I M E N S I O N s (mm)



Prepared by: Leo Wong

Checked By: _____

DOC. No: AT310-4M16pF30ppmF