

MIEC

SPECIFICATION OF CRYSTAL UNIT

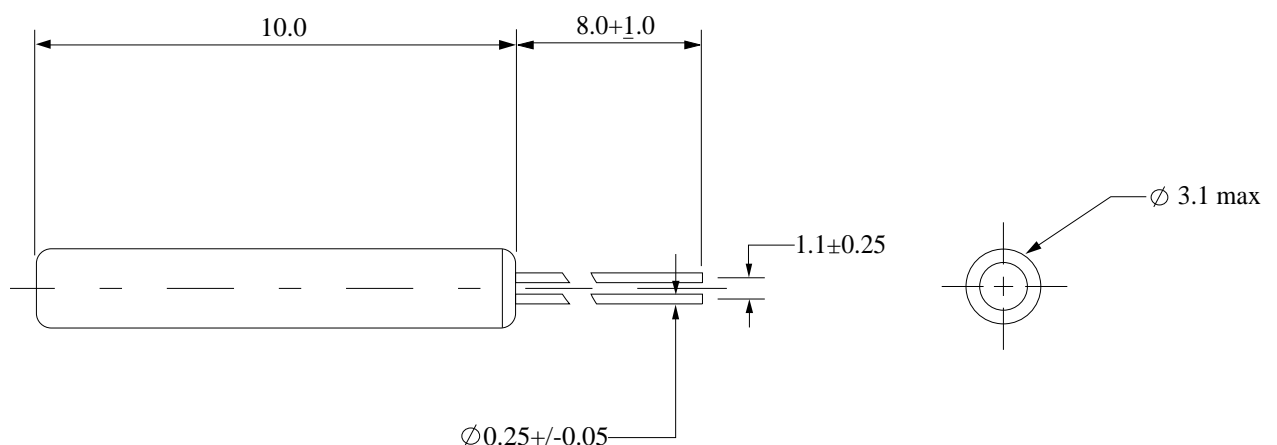
PART NO. :

AT310-4M16pF20ppmF

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	4.0 MHz
2. Holder Type	AT310
3. Frequency Tolerance	$\pm 20\text{ppm}$ at 25°C
4. Equivalent Resistance	$180\ \Omega$ max
5. Insulation Resistance	$500\text{M}\Omega$ @ 100VDC
6. Shunt Capacitance	$5 \pm 0.3\text{pF}$ max.
7. Loading Capacitance	16pF
8. Drive Level	$100\ \mu\text{W}$ max.
9. Operating Temperature	-10°C to $+60^{\circ}\text{C}$
10. Storage Temperature Range	-10°C to $+60^{\circ}\text{C}$
11. Aging	$\pm 5\text{ppm}$ / year
12. Operating Voltage	$3\text{V} \pm 10\%$
13. Oscillation Mode	Fundamental

DIMENSIONS (mm)



Prepared by: Leo Wong

Checked By: _____

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