

MIEC

SPECIFICATION OF CRYSTAL UNIT

PART NO. :

AT38-8M2010F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	8 MHz
2. Holder Type	AT38
3. Frequency Tolerance	$\pm 10\text{ppm @ }25^{\circ}\text{C}$
4. Series Resistance	100 Ω max
5. Insulation Resistance	500M Ω at 100VDC
6. Temperature Tolerance	$\pm 50\text{ppm @ }-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
7. Operating Temperature Range	$-20^{\circ}\text{C to }+70^{\circ}\text{C}$
8. Storage Temperature Range	$-30^{\circ}\text{C to }+80^{\circ}\text{C}$
9. Loading Capacitance	20pF
10. Driver Level	10 μW max.
11. Aging	$\pm 5\text{ppm /year}$
12. Oscillation Mode	Fundamental

DIMENSIONS (mm) 8. Drive Level

