

MIEC

SPECIFICATION OF CRYSTAL UNIT

PART NO. :

AT38-16M1630F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	16 MHz
2. Holder Type	AT38
3. Frequency Tolerance	$\pm 30\text{ppm}$ at 25°C
4. Equivalent Resistance	$40\ \Omega_{\text{max}}$
5. Insulation Resistance	$500\text{M}\Omega$ @ 100VDC
6. Temperature Tolerance	$\pm 50\text{ppm}$ @ -10°C to $+60^{\circ}\text{C}$
7. Loading Capacitance	16pF
8. Drive Level	$100\ \mu\text{W}_{\text{max.}}$
9. Operating Temperature	-10°C to $+60^{\circ}\text{C}$
10. Storage Temperature Range	-20°C to $+70^{\circ}\text{C}$
11. Aging	$\pm 5\text{ppm / year}$
12. Oscillation Mode	Fundamental

DIMENSIONS (mm)

