

SPECIFICATION FOR 49US QUARTZ CRYSTAL UNIT.

Part Number : JF-6.000000M-9S -20-F-30-30-D-2-B

1. SCOPE

This specification shall cover the characteristics of the Quartz Crystal with 4.000MHz.

2. CUSTOMER NO :

- 2-1 Application. :
2-2 Holder Type. : HC-49US Package. (Pb-free)
2-3 Mode of Oscillation. : AT-Cut, Fundamental.

3. ELECTRICAL CHARACTERISTICS

No.	Item.	Specification.
3-1	Nominal Center Frequency. (Fo)	6.000000MHz
3-2	Mode of Oscillation	AT Fundamental
3-3	Load Capacitance (pF)	20pF
3-4	Frequency Tolerance at 25°C ±2°C. (ppm)	±30 ppm (RT/ppm)
3-5	Stability Temperature Characteristics. (ppm)	±30 ppm (TC/ppm)
3-6	Operating Temperature Range. (°C)	-20°C ~ +70°C
3-7	Storage Temperature Range. (°C)	-40°C ~ +80°C
3-8	Equivalent Resistance. (Ω)	90 Ω Maximum
3-9	Drive Level. (uW)	10 μW ±2 μW
3-10	Shunt Capacitance. (pF)	7 pF Maximum.
3-11	Insulation Resistance. (Ω)	DC 100V ± 15V. / ≥500 MΩ Minimum.
3-12	Measuring Equipment.	See Table 1
3-13	Aging.	±5 ppm / Year.

4. DIMENSIONS and MARKING.

4-1 Dimensions. (Not to Scale, Unit : mm, HC-49US , H: 3.5mm)

