

Specification of Quartz Crystal Unit

Transmit

1. Holder Type..... HC-49/U Wire Lead
2. Operating Temperature..... -30°C to 80°C
3. Temperature Stability..... $\pm 0.0010\%$ (-30°C to +60°C)
..... $\pm 0.0005\%$ (-10°C to +60°C)
4. Characteristics at 25°C $\pm$ 2C unless otherwise specified.
 - 4.1 Frequency..... (MHZ)..... F/9
 - 4.2 Frequency Tolerance..... ($\pm$ ppm)..... 10
 - 4.3 Load Capacitance..... (pf)..... 30 pf
 - 4.4 Equivalent RESISTANCE..... (ohm)..... 25 MAX
 - 4.5 Drive Level..... (MW)..... 1
 - 4.6 Shunt Capacitance..... (pf)..... 7 MAX
 - 4.7 Oscillation Mode..... Fund
 - 4.8 Test Circuit..... S&A 350A
 - 4.9 Motional Capacity..... 0.0025 pf $\pm$ 10%

Receive

1. Holder Type..... HC-49/U Wire Lead
2. Operating Temperature..... -30°C to 80°C
3. Temperature Stability..... $\pm 0.0010\%$ (-30°C to +60°C)
4. Characteristics at 25°C $\pm$ 2C unless otherwise specified.
 - 4.1 Frequency..... (MHZ)..... (F-21.4) /9
 - 4.2 Frequency Tolerance..... ($\pm$ ppm)..... 10
 - 4.3 Load Capacitance..... (pf)..... 32pf
 - 4.4 Equivalent RESISTANCE..... (ohm)..... 25 MAX
 - 4.5 Drive Level..... (mw)..... 1
 - 4.6 Shunt Capacitance..... (pf)..... 7 MAX
 - 4.7 Oscillation Mode..... 3rd Overtone
 - 4.8 Test Circuit..... S&A 350A
 - 4.9 Motional Capacity..... 0.0025 pf $\pm$ 10%