

**CRYSTAL FILTER SPECIFICATIONS**

**ELECTRICAL SPECIFICATIONS:**

- |  |                            |
|--|----------------------------|
| 1. Nominal Center Frequency (Fo)                 | _____ MHz                  |
| 2. Passband Attenuation at _____ db              | Fo +/- _____ KHz min       |
| 3. Stopband Attenuation at _____ db              | Fo +/- _____ KHz max       |
| 4. Stopband Attenuation at _____ db              | Fo +/- _____ KHz max       |
| 5. Ultimate Attenuation                          | _____ db min               |
| 6. Spurs Fo + _____ KHz to Fo + _____ KHz        | _____ db min               |
| 7. Ripple (peak to valley) at Fo +/- _____ KHz   | _____ db max               |
| 8. Insertion Loss (measured at min attenuation)  | _____ db max               |
| 9. Terminating Impedance - Source                | _____ $\Omega$ // _____ pf |
| - Load   | _____ $\Omega$ // _____ pf |
| 10. Group Delay at Fo                            | _____ $\mu$ sec max        |
| 11. Differential Group delay at Fo +/- _____ KHz | _____ $\mu$ sec max        |
| 12. Intermodulation Distortion                   |                            |
| Test Frequencies                                 | F1 _____ MHz               |
|  | F2 _____ MHz               |
| Test Power Level                                 | _____ dbm                  |
| Third Order IP3                                  | _____ dbm                  |

**ENVIROMENTAL SPECIFICATIONS:**

- |                                 |                        |
|---------------------------------|------------------------|
| 13. Operating Temperature Range | _____ ° C to _____ ° C |
| 14. Vibration                   | _____                  |
| 15. Shock                       | _____                  |

**MECHANICAL SPECIFICATIONS:**

- |                            |       |
|----------------------------|-------|
| 16. Dimensions (L X W X H) | _____ |
|----------------------------|-------|

**QUOTATION TO BE SENT TO:**

|                  |       |              |       |
|------------------|-------|--------------|-------|
| Company Name :   | _____ | Address :    | _____ |
| Name :           | _____ | Department : | _____ |
| Customer Spec. : | _____ | E-Mail :     | _____ |
| Telephone :      | _____ | Fax :        | _____ |