

## Crystals

Order code	Manufacturer code	Description
90-0140	n/a	3.579MHZ HC-49/U CRYSTAL

Crystals	Page 1 of 2
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

## CRYSTAL UNIT SPECIFICATION

### A. GENERAL PROVISIONS

1. Application : \_\_\_\_\_
2. Holder Type : HC-49/U
3. Mode of Oscillation : Fundamental

### B. ELECTRICAL DATA

1. Nominal Frequency : 3.579545 MHz
2. Frequency Tolerance :  $\pm$  30 PPM (at 25°C±5°C)
3. Temperature Characteristics :  $\pm$  30 PPM
4. Operating Temperature Range : -20 °C to +70 °C
5. Load Capacitance : 16 PF
6. Equivalent Resistance : 90 OHMS (MAX.)
7. Drive Level : 1 MW
8. Shunt Capacitance : 7 PF (MAX.)
9. Insulance : 500 M  $\Omega$  (MIN) / DC 100V
10. Test Set : CI. METER 100HF

### C. MECHANICAL DATA

1. Shock Test : Dropping from 20 cm height 3 times on firm wood.  
Variation : Frequency less than  $\pm$  5 PPM  
Resistance less than  $\pm$  15 %
2. Hermetical Test : No Bubble in Water at 80°C ± 5°C for 3 minutes.

### D. DIMENSION AND MARKING

