



## PRODUCTS

## Crystal Unit (SMD)

### Typical Applications:

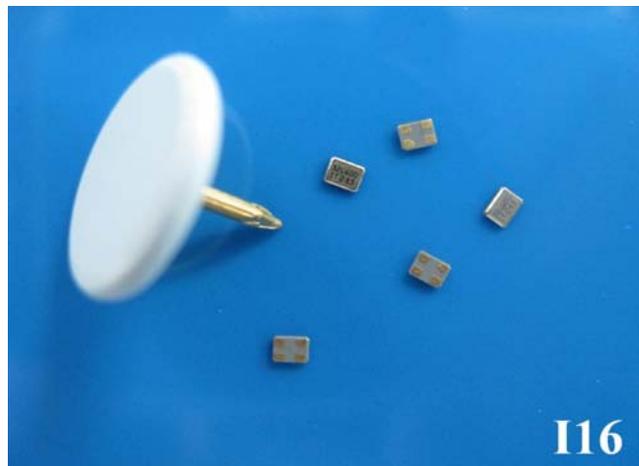
- Mobile Phone
- Bluetooth
- Wireless LAN
- GPS

# I16

## (Seam Welding Series)

Part Number: I16(ppm) - Freq - CL

Example: I1620-26.000-8



I16

### ■ Specification

I16

| Part No.              | Example        |
|-----------------------|----------------|
| I16 (ppm) - Freq - CL | I1620-26.000-8 |

| Specification               | I16                             |
|-----------------------------|---------------------------------|
| Frequency Range             | 26.0 to 80.0MHz                 |
| Mode of Oscillation         | Fundamental                     |
| Tolerance at 25°C           | ±20 to ±30ppm                   |
| Temperature Stability       | ±20 to ±30ppm                   |
| Operating Temperature Range | -10°C to +75°C / -40°C to +85°C |
| Load Capacitance            | 8 to 20pF / Series              |
| Storage Temperature Range   | -40°C to +85°C                  |
| ESR                         | * See Table Below               |
| Drive Level                 | 100μW Max.                      |
| Aging                       | ±2ppm/year Max.                 |

### \* I16 ESR Table

| Oscillation Mode | Frequency Range (MHz) | ESR (Ohm) |
|------------------|-----------------------|-----------|
| Fundamental      | 24.0 to 26.9          | 200 Max.  |
|                  | 27.0 to 31.9          | 150 Max.  |
|                  | 32.0 to 37.9          | 100 Max.  |
|                  | 38.0 to 80.0          | 80 Max.   |

### ■ Dimension

(Unit: mm)

