



PRODUCTS

Crystal Unit (SMD)

Typical Applications:

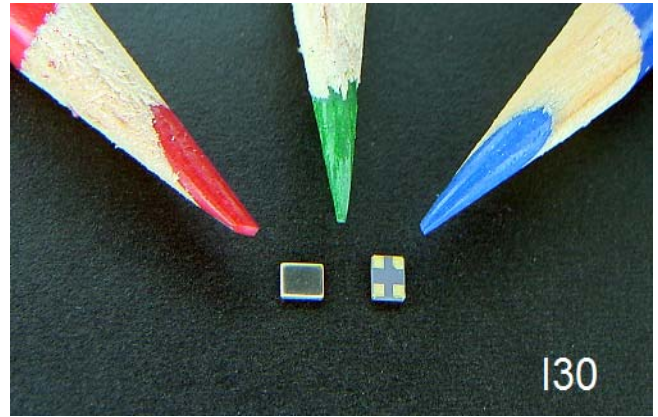
- Mobile Phone
- GPS
- Bluetooth
- W-LAN

CRYSTAL

I30 (Seam Welding Series)

Part Number: I30 (ppm) - Freq - CL

Example: I3010-14.000-18



■ Specification

I30

| Part No. | Example |
|-----------------------|-----------------|
| I30 (ppm) - Freq - CL | I3010-14.000-18 |

| Specification | I30 |
|-----------------------------|---------------------------------|
| Frequency Range | 12.0 to 54.0MHz |
| Mode of Oscillation | Fundamental |
| Tolerance at 25°C | ±10 to ±30ppm |
| Temperature Stability | ±8 to ±30ppm |
| Operating Temperature Range | -10°C to +70°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 | ±5ppm/year Max. |

* I30 ESR Table

| Oscillation Mode | Frequency Range (MHz) | ESR (Ohm) |
|------------------|-----------------------|-----------|
| Fundamental | 12.0 to 12.9 | 100 Max. |
| | 13.0 to 19.9 | 80 Max. |
| | 20.0 to 54.0 | 50 Max. |

■ Dimension

(Unit: mm)

