



**PRODUCTS**

**Crystal Unit (SMD)**

**Typical Applications:**

- Mobile Phone
- GPS
- Bluetooth
- W-LAN

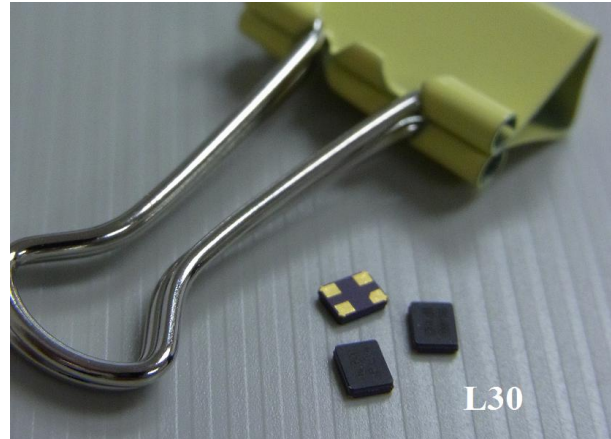
CRYSTAL

# L30

## (Glass Sealing Series)

Part Number: L30 (ppm) - Freq - CL

Example: L3050-20.000-8



| ■ Specification       |                | L30 |
|-----------------------|----------------|-----|
| Part No.              | Example        |     |
| L30 (ppm) - Freq - CL | L3050-20.000-8 |     |

| Specification               | L30                                 |
|-----------------------------|-------------------------------------|
| Frequency Range             | 9.84375 to 50.0MHz                  |
| Mode of Oscillation         | Fundamental                         |
| Tolerance at 25 °C          | ±10 to ±50ppm                       |
| Temperature Stability       | ±10 to ±50ppm                       |
| 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.                     |

\* L30 ESR Table

| Oscillation Mode | Frequency Range (MHz) | ESR (Ohm) |
|------------------|-----------------------|-----------|
| Fundamental      | 9.84375 to 11.9       | 300 Max.  |
|                  | 12.0 to 12.9          | 120 Max.  |
|                  | 13.0 to 15.9          | 100 Max.  |
|                  | 16.0 to 19.9          | 80 Max.   |
|                  | 20.0 to 29.9          | 70 Max.   |
|                  | 30.0 to 50.0          | 50 Max.   |

**■ Dimension** (Unit: mm)

