



## PRODUCTS

Crystal Unit (SMD)

### Typical Applications:

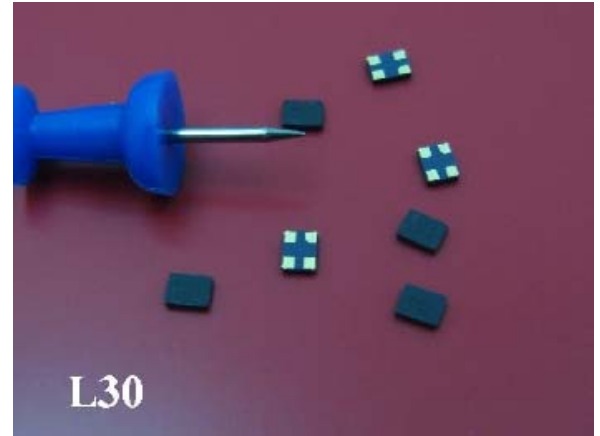
- Mobile Phone
- GPS
- Bluetooth
- W-LAN

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            | 8pF or 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)

