



**PRODUCTS**

**Crystal Unit (SMD)**

**Typical Applications:**

- PCMCIA Cards
- W-LAN
- Bluetooth
- Portable Multimedia Devices

CRYSTAL

# L50

## (Glass Sealing Series)

Part Number: L50 (ppm) - Freq - CL

Example: L5050-20,000-16



■ Specification L50

Part No.	Example
L50 (ppm) - Freq - CL	L5050-20,000-16

Specification	L50
Frequency Range	8.0 to 100.0MHz
Mode of Oscillation	Fundamental
Tolerance at 25 °C	±10 to ±100ppm
Temperature Stability	±10 to ±100ppm
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.

\* L50 ESR Table

Oscillation Mode	Frequency Range (MHz)	ESR (Ohm)
Fundamental	8.0 to 9.9	300 Max.
	10.0 to 14.9	120 Max.
	15.0 to 19.9	100 Max.
	20.0 to 55.0	80 Max.
3rd Overtone	40.0 to 59.9	120 Max.
	60.0 to 100.0	80 Max.

■ Dimension (Unit: mm)

