



PRODUCTS

Crystal Unit (SMD)

Typical Applications:

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

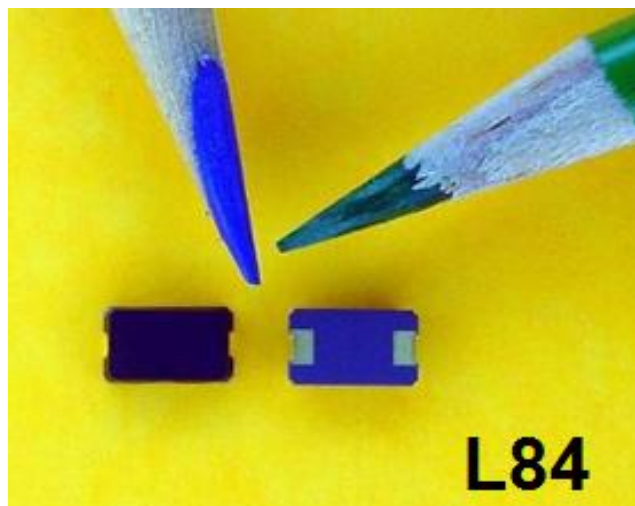
CRYSTAL

L84

(Glass Sealing Series)

Part Number: L84 (ppm) - Freq - CL

Example: L8450-40.000-20



■ Specification

L84

Part No.	Example
L84 (ppm) - Freq - CL	L8450-40.000-18

Specification	L84
Frequency Range	4.0 to 80.0MHz
Mode of Oscillation	Fundamental / 3rd Overtone
Tolerance at 25 °C	±20 to ±50ppm
Temperature Stability	±30 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.

* L84 ESR Table

Oscillation Mode	Frequency Range (MHz)	ESR (Ohm)
Fundamental	4.0 to 4.9	300 Max.
	5.0 to 7.9	250 Max.
	8.0 to 9.9	150 Max.
	10.0 to 15.9	80 Max.
	16.0 to 48.0	50 Max.
3rd Overtone	40.0 to 80.0	70 Max.

■ Dimension

(Unit: mm)

