

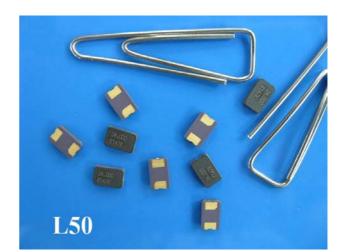
PRODUCTS Crystal Unit (SMD)

Typical Applications:

- PCMCIA Cards
- W-LAN

Bluetooth

Portable Multimedia Devices



RoHS

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.



