



PRODUCTS

Crystal Unit (SMD)

Typical Applications:

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

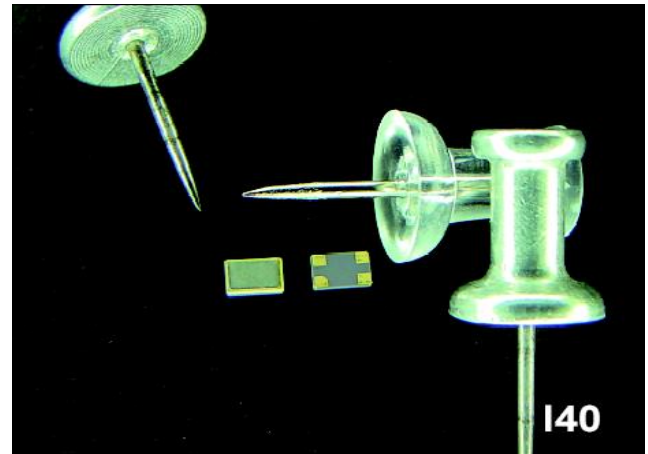
CRYSTAL

I40

(Seam Welding Series)

Part Number: I40 (ppm) - Freq - CL

Example: I4015-14.000-18



Part No.	Example
I40 (ppm) - Freq - CL	I4015-14.000-18

Specification	I40
Frequency Range	12.0 to 32.0MHz
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	12 to 30pF / Series
Storage Temperature Range	-40 °C to +85 °C
ESR	* See Table Below
Drive Level	100µW Max.
Aging	±5ppm/year Max.

* I40 ESR Table

Oscillation Mode	Frequency Range (MHz)	ESR (Ohm)
Fundamental	12.0 to 12.9	80 Max.
	13.0 to 15.9	60 Max.
	16.0 to 19.9	50 Max.
	20.0 to 32.0	40 Max.

Dimension (Unit: mm)

