



PRODUCTS

Crystal Unit (SMD)

Typical Applications:

- Mobile Phone
- GPS
- Bluetooth
- W-LAN

I20

(Seam Welding Series)

Part Number: I20 (ppm) - Freq - CL

Example: I2010-16.000-18



Specification I20

Part No.	Example
I20 (ppm) - Freq - CL	I2010-16.000-18

Specification	I20
Frequency Range	16.0 to 80.0MHz
Mode of Oscillation	Fundamental
Tolerance at 25°C	±10 to ±30ppm
Temperature Stability	±8 to ±30ppm
Operating Temperature Range	-10°C to +75°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	±2ppm/year Max.

* I20 ESR Table

Oscillation Mode	Frequency Range (MHz)	ESR (Ohm)
Fundamental	16.0 to 24.9	80 Max.
	25.0 to 29.9	60 Max.
	30.0 to 34.9	50 Max.
	35.0 to 80.0	40 Max.

Dimension (Unit: mm)

