



■ SMD X-TAL 1.6×1.2mm 4PAD Seam Sealing

- Ultra miniature and lightweight Surface Mount package
- Fundamental crystal design
- Wide temperature and Ultra low ESR

- Applications : Mobile Communications, Wearables, IoT
Wireless applications

■ Standard Specification

Frequency range	24.000MHz to 80.000MHz	
Oscillation mode	Fundamental	
Load capacitance (CL)	6pF to 32pF or please specify	
Frequency tolerance (25°C)	±10ppm, ±20ppm, ±30ppm	
Frequency Stability vs Temp range	Temp Stability	Operating temp
	±10ppm	-20 to +70°C
	±15ppm	-30 to +85°C
	±20ppm	-40 to +85°C
	±30ppm	
	±50ppm	
Storage temperature range	-55°C to +125°C	
Shunt Capacitance (C0)	3.0pF Max	
Level of drive (DL)	100µW Max (std) or please specify	
Aging (Initial first year)	± 3ppm Max	

■ Motional resistance (ESR)

Frequency (MHz)	24 ≤ f < 26	26 ≤ f < 32	32 ≤ f < 40	40 ≤ f < 80
CI (Ω) max	150	100	80	60
Oscillation mode	Fundamental			

*Please contact us for lower ESR

■ Dimensions (mm)

