



- SMDX-TAL 2.0×1.6×0.45mm
 - Ultra miniature and lightweight SMD crystal resonator. with a low profile of 0.45mm.
 - High precision and high reliability.
 - Nominal frequency range : 16.000MHz to 54.000MHz.
 - Operation mode : Fundamental.
- Applications : Mobile phone, Bluetooth, W-LAN, ISM band radio, Clock for MPU.

Standard Specification »»

Frequency range	16.000MHz to 54.000MHz
Operation mode	Fundamental
Motional resistance (ESR)	As per below table
Load capacitance (CL)	Standard (9pF, 10pF, 12pF), user spec
Level of drive (DL)	10μW(std), 200μW Max
Frequency tolerance (25°C)	± 25ppm Max, user spec
Temperature stability	± 50ppm Max, user spec
Operating temperature range	-10°C to +70°C(std), -40°C to +85°C
Storage temperature range	-45°C to +100°C
Aging (Initial first year)	± 3ppm Max

Motional resistance (ESR)

Frequency (MHz)	16.000 ≤ f < 24.000	24.001 ≤ f < 26.000	26.001 ≤ f < 54.000
Cl (Ω)	100	80	60
Operation mode	Fundamental		

Dimensions (mm) »»

