



- ATS X-TAL Height= 3.5mm
- Resonator with a high frequency stability
- High precision and high reliability
- Nominal frequency range : 3.072MHz to 70 MHz
- Mode : Fundamental / 3rd / BT
- Insulator tab
- Applications : mobile radio communications, PC, Printer

Standard Specification

Frequency Range	3.072MHZ to 70.000MHZ
Overtone	Fundamental / 3rd / BT
Motional Resistance (ESR)	As per below table
Load Capacitance (CL)	Standard (18pF)
Level of Drive (DL)	100μW (STD), 1μW max
Frequency Tolerance (25°C)	30ppm max, User Spec
Temperature Stability	50ppm max, User Spec
Operating Temperature Range	-20°C to +70°C, User Spec
Storage Temperature Range	-40°C to +85°C
Aging	± 5ppm / year max

* BT only temperature range 0 ~ 70°C

Motional resistance (ESR)

Frequency (MHZ)	Overtone	CI (Ω) MAX
3.579 - 4.999	F	180
5.000 ~ 5.999	F	120
6.000 ~ 7.999	F	100
8.000 ~8.999	F	80
9.000 ~ 9.999	F	60

Frequency (MHZ)	Overtone	CI (Ω) MAX
10.000 ~ 15.999	F	50
16.000 ~ 50.000	F	40
24.01 ~ 31.999	3rd	100
32.000 ~ 70.000	3rd	80

Dimensions (mm)

