



- ATS SMD Height=4.2mm / 3.3mm
 - Microprocessors and other standard clocks
 - Resonator with a high frequency stability
 - High precision and high reliability
 - Nominal frequency range : 3.072MHz to 70 MHz
 - Mode : Fundamental / 3rd / BT
 - Available Tape and reeled.
- Applications : mobile radio communications

Standard Specification

Frequency Range	3.072MHZ to 75.000MHZ
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
3.072 ~ 3.499	F	300
3.500 ~ 4.999	F	180
5.000 ~ 5.999	F	120
6.000 ~ 7.999	F	100
8.000 ~ 8.999	F	80

Frequency (MHZ)	Overtone	CI (Ω) MAX
9.000 ~ 9.999	F	60
10.000 ~ 15.999	F	50
16.000 ~ 50.000	F	40
24.01 ~ 31.999	3rd	100
32 ~ 75	3rd	80

Dimensions (mm)

Recommended land pattern

AX-1	4.2mm
AX-3	3.3mm