

# ATS49, ATS49-SMD Series

## Low Profile AT-Strip Crystals

Frequency Range	3.500 ~ 70.000 MHz
Oscillation Mode	3.500 ~ 36.000 MHz    Fundamental 32.000 ~ 70.000 MHz    3 <sup>rd</sup> Overtone
Frequency Tolerance	±30ppm, ±50ppm @+25
Frequency Stability	30ppm, ±50ppm
Operating temperature range	0 ~ +70 , -40 ~ +85 ,
Equivalent series resistance	As per Chart below
Load Capacitance	Customer Specified
Drive Level	500 μ W (1m W Max.)

All specifications are subject to change without notice.

Option: \*Tighter Tolerance, Tighter Stability, Extended Temperature

### Equivalent Series Resistance :

Frequency (MHz)	Equivalent Series Resistance( )	Oscillation Mode
3.500~3.999	150	Fundamental
4.000~4.999	100	Fundamental
5.000~5.999	70	Fundamental
6.000~7.999	60	Fundamental
8.000~15.999	40	Fundamental
16.000~36.000	30	Fundamental

