

## SMD-3A Series

### *Plastic Package Surface Mount Crystals*

Frequency Range	3.579545 ~ 90.000 MHz
Oscillation Mode	3.589545 ~ 40.000 MHz (Fundamental) 30.000 ~ 70.000 MHz (3 <sup>rd</sup> Overtone)
Frequency Tolerance	±50ppm@+25
Frequency Stability	± 50ppm
Operating temperature range	-10 ~ +70 , -40 ~ +85
Equivalent series resistance	As per Chart below
Load Capacitance	Customer Specified
Drive Level	100 μ 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( Ω )	Oscillation Mode
3.579545~3.999	200	Fundamental
4.000~4.499	150	Fundamental
4.500~4.999	120	Fundamental
5.000~5.999	100	Fundamental
6.000~8.999	80	Fundamental
9.000~9.999	60	Fundamental
10.000~12.999	50	Fundamental
13.000~18.999	35	Fundamental
19.000~40.000	25	Fundamental
30.000~90.000	60	3 <sup>rd</sup> Overtone

