

UM-1, UM-4, UM-5-J Series

UM With Metal Jacket Surface Mount Crystals

Frequency Range	5.000 ~ 230.000 MHz
Oscillation Mode	Fundamental, 3 rd , 5 th , 7 th Overtone
Frequency Tolerance	±5ppm, ±10ppm, ±15ppm, ±20ppm @+25
Frequency Stability	± 5ppm, ±10ppm, ±15ppm, ±20ppm
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(Ω)	Oscillation Mode
5.000~5.999	180	Fundamental
6.000~7.999	120	Fundamental
8.000~9.999	80	Fundamental
10.000~13.999	50	Fundamental
14.000~17.999	40	Fundamental
18.000~40.000	30	Fundamental
25.000~90.000	60	3 rd Overtone
70.000~150.000	80	5 th Overtone
130.000~230.000	120	7 th Overtone

