

Crystal Unit

UM-1 / UM-5



Applications

- . TV / STB / LCDM
- . Cable Modem / Mobile
- . Radio Communication

Features

- . Resistance Weld Type
- . Excellent Aging Characteristics
- . Wide Frequency



Electrical Specifications

Item / Type	
Frequency Range	4.000~200MHz
Frequency Tolerance(at 25 °C)	±10ppm~±50ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm~±50ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C ₀)	7pF Max.
Drive Level	1~500μW Max.(100μW Typical)
Load Capacitance	Series or 9pF~50pF
Aging (at 25°C)	±5ppm / year Max.
Storage Temperature Range	-55~+125°C
Oscillator type	Fundamental /3rd /5th /7th Overtone

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
4~4.999MHz	100 Ω Max.	24~34.999MHz	40 Ω Max.
5~5.999MHz	90 Ω Max.	35~100MHz	80 Ω Max.
6~6.999MHz	80 Ω Max.		
7~9.999MHz	60 Ω Max.		
10~13.999MHz	50 Ω Max.		
14~23.999MHz	40 Ω Max.		

Dimensions

