

UM - 1

- UM type package
- AT cut available
- Tight tolerance / stability
- Wide temperature range
- Frequencies to 200,000 MHz available

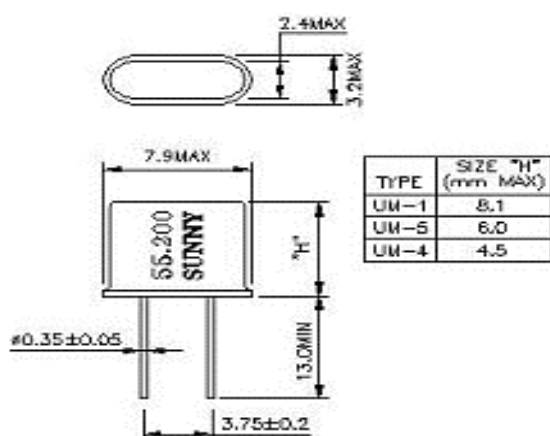
■ ELECTRICAL SPECIFICATIONS

MODEL	UM -1
Frequency Range	7.000 to 200.000MHz
Operating Temperature Range	-10 to +60°C(STD), -20 to +70°C
Storage Temperature Range	-40 to +85°C
Frequency Tolerance (at 25°C)	±10, ±15, ±20(STD), ±30, ±50 ppm
Frequency Stability	±10, ±15, ±20, ±30(STD), ±50 ppm
Over Operating Temperature Range	
Load Capacitance (CL)	18pF(STD), Custom CL≥10pF or Series Resonant
Drive Level	0.01 to 2,000μW
Shunt Capacitance (Co)	7pF Max
Aging (at 25)	5ppm / year Max
Insulation Resistance	500 MΩ Min at 100VDC

Frequency Range (MHz)	ESR (ΩMax)	Mode of Oscillation
7.000 ~ 9.999	80 (UM-1)	Fundamental
10.000 ~ 15.999	60 (UM-1/UM-5)	Fundamental
16.000 ~ 60.000	30/40 (UM-1/UM-5)	Fundamental
30.000 ~ 79.999	80 (UM-1/UM-5)	3rd Overtone
80.000 ~ 150.000	80 (UM-1/UM-5)	3rd Overtone
80.000 ~ 200.000	100 (UM-1/UM-5)	5th Overtone

MECHANICAL DIMENSIONS

► UM - 1, 5, 4



► UM GULL WING

