



UM-1/4/5, TR-6, GULL WING

Ultra Miniature Package

Parameters / Specifications

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Frequency Range	7.000 ~ 200.000 MHz
Operating Temperature Range	-10°C~ +60°C (STD), -20°C~ +70°C
Frequency Tolerance @+25°C	±7.5, 10, 15, 20, 30, 50ppm
Temperature Tolerance	±7.5, 10, 15, 20, 30, 50ppm
Storage Temperature	-40°C~ +85°C
Load Capacitance	18pF (STD), ≥10pF or Series Resonant
Drive Level	0.01 ~ 100 μ W
Shunt Capacitance	7.0pF Max.
Aging @+25°C	±3.0ppm Max. per year
Insulation Resistance	500 M Ω Min. @100Vdc

Equivalent Series Resistance / Oscillation Mode

Frequency Range (MHz)	ESR (Ω) Max. / Oscillation Mode	Package
7.000 ~ 9.999	80 / Fundamental	UM-1
10.000 ~ 15.999	60 / Fundamental	UM-1, UM-5, UM-4 (TR-6)
16.000 ~ 60.000	30, (30)40, 50 / Fundamental	UM-1, UM-5, UM-4 (TR-6)
30.000 ~ 79.999	80, 80 / 3rd Overtone	UM-1, UM-5
80.000 ~ 150.000	80, 80, 80 / 3rd Overtone	UM-1, UM-5, UM-4 (TR-6)
80.000 ~ 200.000	100, 100 / 5th Overtone	UM-1, UM-5

Mechanical Dimensions & Tape and Reel Dimensions

