



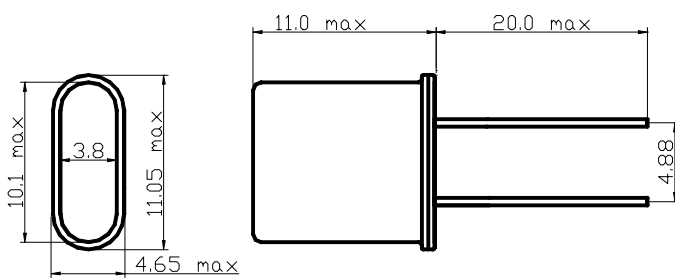
**U3 TYPE--HC-49/UT PACKAGE**

**Standard Specifications**

Frequency Range (MHz)	10.000~150.000MHz
Mode of Vibration	10.000~32.000MHz Fundamental 25.000~70.000MHz 3 <sup>rd</sup> Overtone 60.000~150.000MHz 5 <sup>th</sup> Overtone
Drive Level (mW)	0.1 TYPICAL
Load Capacitance (pF)	8.0pF MIN
Frequency Tolerance (ppm)	± 10、± 30、± 50 (at 25°C)
Shunt Capacitance	7pF (MAX)
Operating Temperature Range	-20°C~+70°C Standard
Frequency Stability (refer to 25°C)	± 30ppm Standard
Storage Temperature Range	-40°C~+85°C
Aging (First Year)	± 5ppm

**Equivalent Series Resistance**

Frequency Range (MHz)	ESR MAX (Ω)	Frequency Range (MHz)	ESR MAX (Ω)
10.000~12.499	30	25.000~70.000	40
12.500~15.999	25	60.000~150.000	60
16.000~32.000	20		



All Dimensions in mm

