



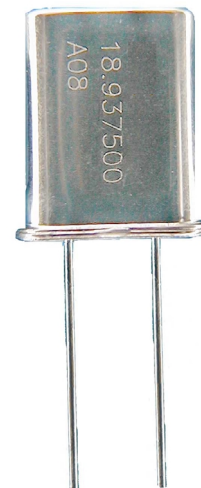
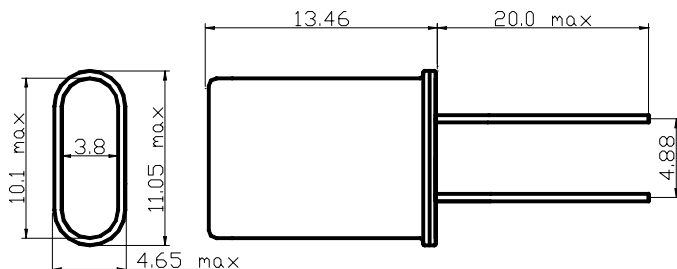
U1 TYPE--HC-49/U PACKAGE

Standard Specifications

Frequency Range (MHz)	1.8432~150.000
Mode of Vibration	1.8432~32.000MHz Fundamental 25.000~70.000MHz 3 rd Overtone 60.000~150.000MHz 5 th Overtone
Drive Level (mW)	0.1 TYPICAL
Load Capacitance (pF)	8.0pF MIN
Frequency Tolerance (ppm)	±10、±30、±50 (at 25℃)
Shunt Capacitance	7pF (MAX)
Operating Temperature Range	-20℃~+70℃ Standard
Frequency Stability (refer to 25℃)	±30ppm Standard
Storage Temperature Range	-40℃~+85℃
Aging (First Year)	±5ppm

Equivalent Series Resistance

Frequency Range (MHz)	ESR MAX (Ω)	Frequency Range (MHz)	ESR MAX (Ω)
1.8432~1.999	750	5.500~5.999	50
2.000~2.399	500	6.000~7.999	40
2.400~2.999	300	8.000~9.999	35
3.000~3.199	200	10.000~12.499	30
3.200~3.699	100	12.500~15.999	25
3.700~4.199	100	16.000~32.000	20
4.200~4.899	70	25.000~70.000	40
4.900~5.4990	50	60.000~150.000	60



All Dimensions in mm