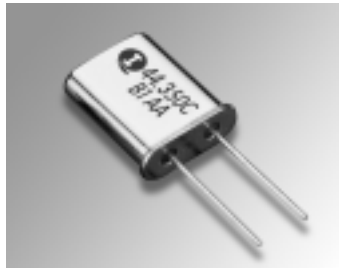


Leaded HC-49/U and HC-49/T Enclosures

Features

- High Stability with Temperature
- Wide Frequency Range
- Low Cost to Performance
- Standard and Moderate Precision Available



THHF-49U THHF-49T SERIES

Specifications (characteristics):

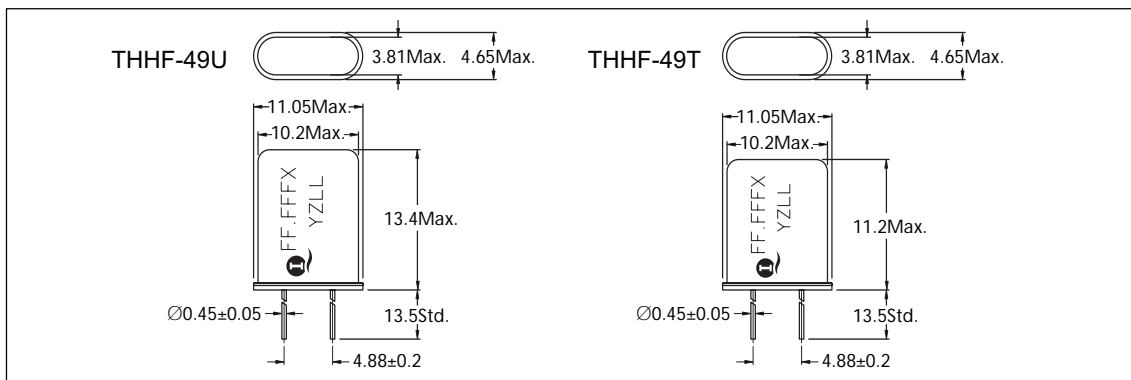
Item	Symbol	Specification	Remarks
Nominal frequency range	f	1.000MHz to 40.000MHz	Fundamental mode
		20.000MHz to 180.000MHz	Overtone mode
Frequency tolerance, Ta=25°C ± 3°C	Δf/f	± 30PPM	Tight Tolerance Available
Load capacitance	C _L	Fund: 10pf to ∞, O.T: 5pF to ∞	Please specify
Frequency temperature characteristics	Δf/f	± 50PPM	Tight Tolerance Available
Temperature range	Storage Temp.	T _{STG}	-55°C to 125°C
	Operating Temp.	T _{OPR}	-10°C to 60°C
Drive Level	Maximum drive level	M _{DL}	1000μW
	Recommended drive level	R _{DL}	10μW to 100μW
Series resistance	R ₁	As Per Table	
Shunt capacitance	C ₀	7pF Max.	
Insulation resistance	IR	500M Ω Min.	
Aging	Δf _A	± 5PPM/Year Max.	
Shock resistance	SR	± 10PPM Max.	Conditions depend on frequencies

Resistance of Series Resonance (ESR)					
Frequency(MHz)	Mode	Ohm Max.	Frequency(MHz)	Mode	Ohm Max.
1.0 < f ≤ 1.5	F	1000	10 < f ≤ 15	F	40
1.5 < f ≤ 1.8	F	750	15 < f ≤ 20	F	30
1.8 < f ≤ 2.3	F	450	20 < f ≤ 25	F 3 rd O.T	20 40
2.3 < f ≤ 3.0	F	300	25 < f ≤ 35	3 rd O.T	50
3.0 < f ≤ 3.2	F	150	35 < f ≤ 75	3 rd O.T	40
3.2 < f ≤ 3.5	F	120	75 < f ≤ 100	3 rd O.T 5 th O.T	35 60
3.5 < f ≤ 4.5	F	90	100 < f ≤ 125	5 th O.T	100
4.5 < f ≤ 7.0	F	70	125 < f ≤ 150	5 th O.T 7 th O.T	100 150
7.0 < f ≤ 10	F	50	150 < f ≤ 180	7 th O.T	150

Remarks:

1. All specifications are subject to change without further notice.

External dimensions



Dimension: mm



Interquip Electronics Co., Limited

Flat A, 9th Floor, On Shing Industrial Building, 2-16 Wo Liu Hang Rd., Fotan, Hong Kong SAR
Tel:(852) 2413 5515 Fax:(852) 2413 7053 Website:www.interquip.com Email:iql@interquip.com