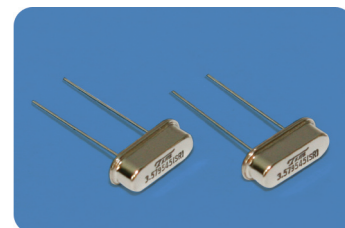


HC-49S、 HC-SLIM-49S

FEATURES

- Small size and light weight
- Excellent aging characteristics
- The Frequency stability is good,the reliability is high



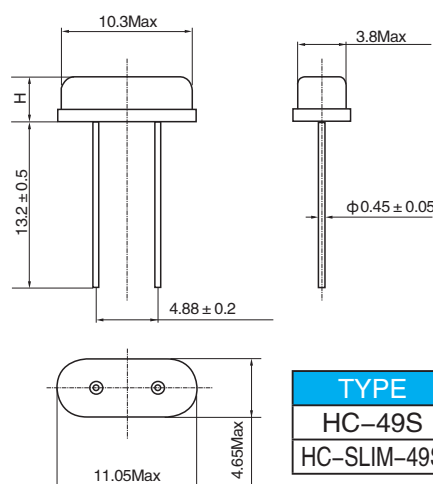
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	3.000000MHz~100.000000MHz
Frequency Tolerance(at 25℃)	± 30ppm(STD)、 ± 3ppm ~ ± 50ppm or specify
Operating Temperation Range	-10℃~+60℃、 -20℃~+70℃、 -40℃~+85℃ or specify
Frequency Stability Over Operating Temp Characteristics	± 30ppm(STD)、 ± 3ppm ~ ± 50ppm or specify
Equivalent Series Resistance	see table No.1
Storage Temperature Range	-40℃ ~ +85℃
Shunt Capacitance (Co)	7.0pF Max
Load Capacitance (CL)	series 16pF、 20pF、 30pF、 32pF or specify
Drive Level	10uw~100uw
Insulation Resistance	500M ohms Min / DC 100V
Aging	± 5ppm/year

EQUIVALENT SERIES RESISTANCE(ESR) TABLE No.1

OUTLINE DIMENSIONS (mm)

Frequency Range	Mode	ESR(Ω)
3.000MHz~3.999MHz	Fundamental	150Max
4.000MHz~4.999MHz	Fundamental	130Max
5.000MHz~5.999MHz	Fundamental	120Max
6.000MHz~7.999MHz	Fundamental	80Max
8.000MHz~8.999MHz	Fundamental	60Max
9.000MHz~14.999MHz	Fundamental	50Max
15.000MHz~50.000MHz	Fundamental	30Max
24.000MHz~29.999MHz	3rd Overtone	100Max
30.000MHz~49.999MHz	3rd Overtone	80Max
50.000MHz~100.000MHz	3rd Overtone	60Max



TYPE	H mm Max
HC-49S	3.5
HC-SLIM-49S	2.5

PART NUMBER

TIM-	XE	F	16.000000	± 30	± 50	-20℃~+70℃	20	30
Type	oscillator mode	Frequency(MHz)	Frequency tolerance (ppm)	temperature stability (ppm)	operating temperature range	Load capacitance(pf)	ESR(Ω) Max	
XE:HC-49S	F:Fundamental	16.000000:	± 30: ± 30ppm	± 50: ± 50ppm		20:20pf		
XF:HC-SLIM-49S	3:3rd Overtone	16.000000MHz				00:SERIES	30:30 Ω Max	