



This type of crystal is excellent in electrical performance and of high accuracy. It's widely used in Mobile Phone, Telephone, Computer, Auto-control system, Post and Telecommunications System, Audio & Video (TV, VCD, and DVD), SET TOP BOX, Walkie-talkie, GPS etc.

## SPECIFICATIONS

FREQUENCY RANGE		1.8432~150MHz
HOLDER TYPES	HC-49U	1.8432~150MHz
	HC-49T	1.8432~125MHz
	HC-49U/S, HC-49U/SS	3.579545~70.000MHz
FREQUENCY TOLERANCE (At25°C ± 2°C)		±30ppm(TYPICAL)
		±50ppm(TYPICAL)
FREQUENCY STABILITY		±30ppm(TYICAL)
		±100ppm(TYICAL)
OPERATION TEMPERATURE RANGE		-20°C~+70°C
STORAGE TEMPERATURE RANGE		-40°C~+85°C
AGING		5PPM/年(YEAR)
LOAD CAPACITANCE		10pF~∞
SHUNT CAPACITANCE		<7pF
EQUIVALENT SERIES RESISTANCE (ESR)		SEE PAGE 1见下表
DRIVE LEVEL		100; 200; 300; 500/uw

## ESR(MAX)

(Freq.MHz)	OVERTONE	HC-49U or HC-49T	HC-49U/S
1.8432-2.000	(FUND)	600	
2.00-2.50		400	
2.500-3.000		300	
3.000-3.500		150	
3.500-4.000		100	150
4.000-5.000		90	120
5.000-6.000		80	100
6.000-7.000		70	60
7.000-8.000		50	60
8.000-10.000		40	60
10.000-13.000	(3RD)	25	50
13.000-35.000		25	40
25.000-70.000		40	80
70.000-125.000	(5TH)	80	
125.000-150.000		100	

## DIMENSION(UNIT : MM)

