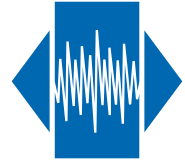


HC-49S

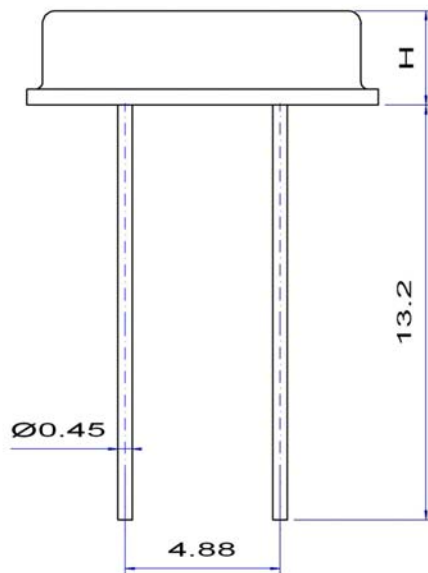


Low profile Crystal

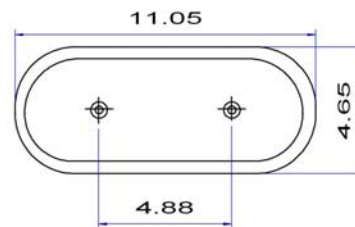
Features

- Applications: microprocessors, audio, instruments, interface
- Low profile package
- Excellent environmental performance
- High reliable, low cost crystal

Parameter	Specification	
Frequency range	3.2 ~ 36 MHz 36 ~ 70 MHz	fundamental 3 rd overtone
Mode of oscillation	AT cut	
Standard frequencies	3.579545, 9.0316, 10.2400, 10.2450, 12.000, & 26.000 MHz	
Frequency tolerance	±10 ~ ±50 ppm	@ +25 °C
Frequency stability	±10 ~ ±50 ppm	vs. operating temperature range
Aging	±3 ppm 1 st year	
Load capacitance	series or parallel resonance (CL = 8 ~ 32 pF)	
Equivalent series resistance (ESR)	< 35 Ω @ 26 MHz < 20 Ω @ 48 MHz	
Operating temperature range	-10 ~ +60 °C -40 ~ +85 °C	commercial application industrial application
Storage temperature range	-55 ~ +125 °C	
Packaging	bulk in plastic bag	
Customer specifications on request		



Case Height = 2.0 ~ 4.5 mm



Do not design any conductive path between the pattern



2002/95/EC RoHS compliant