

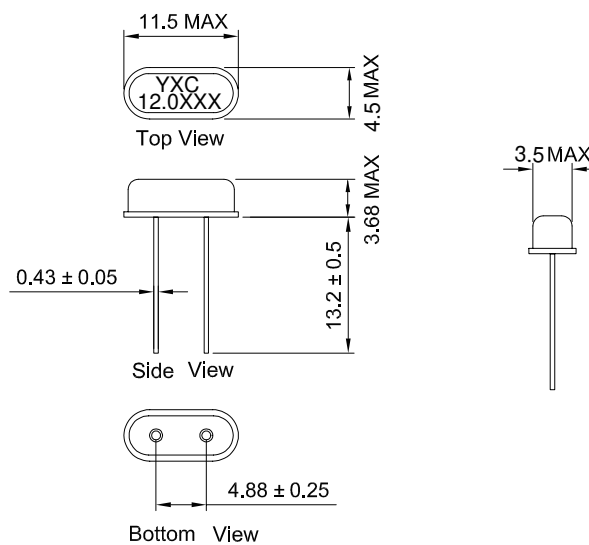
HC-49US



Features



- Surface mount type crystal units.
- A great number of standard frequencies.
- High frequency pullability and low equivalent series resistance.
- Highly mass production capability.
- Applications:



Units: mm

HC-49US

★ PART NUMBER GUIDE 部件号示例 *e.g. X49SD12MSD2SC* *HC-49US=11.5 × 4.5 DIP SEAM TYPE*

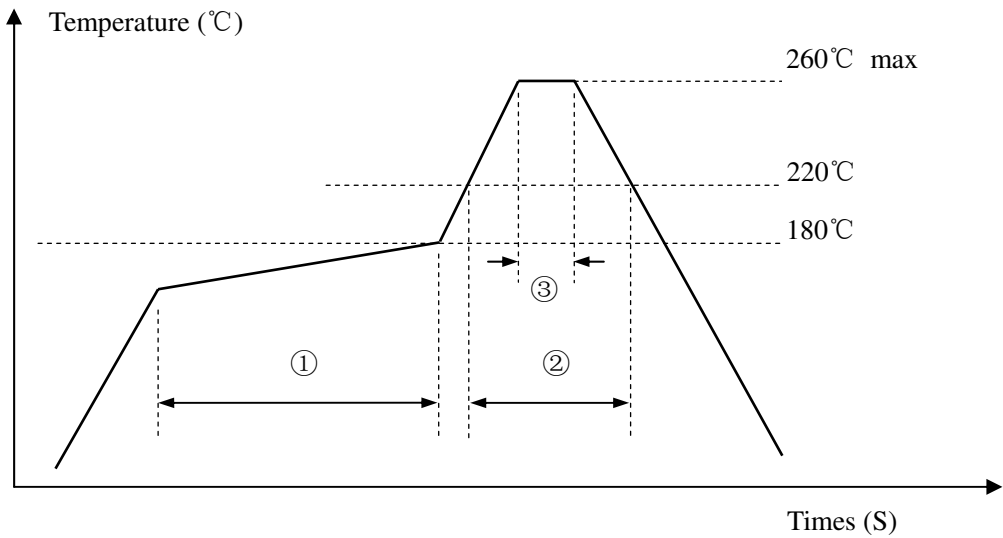
Quartz Crystal Resonator	Dimensions	Frequency (Hz)	Load Capacitance (Pf)	Frequency Stability Overall (ppm)	Pin	Material	Operating Temp. Range
X	49SD	12M	S	D	2	S	C

Load Capacitance (Pf)	
X	7.4pF
G	12.5pF
L	9pF
M	10pF
O	12pF
P	15pF

Frequency tolerance	
B	±10PPM
D	±20PPM

Operating temperature	
C	-20~ +70℃
I	-40~ +85℃
A	-40~ +125℃
F	-40~ +105℃

★ WAVE SOLDERING PROFILE 波峰焊特性



Pb free reflow A	①	Preheat	160~180℃	120sec. max
	②	Primary heat	220℃	60sec. max
	③	Peak	260℃	10sec. max.