

# Quartz Crystal Resonator

## HC49S - SMD / DIP

ELECSOUND®

SMD Crystal 11.5×4.8 mm HC-49SMD



Package Height 3.5 mm max, 2.5~3.5 mm available  
 Wave Soldering Temperature: 265 °C max  
 highly stable and reliable crystal unit with a metallic package  
 Taped Version Available

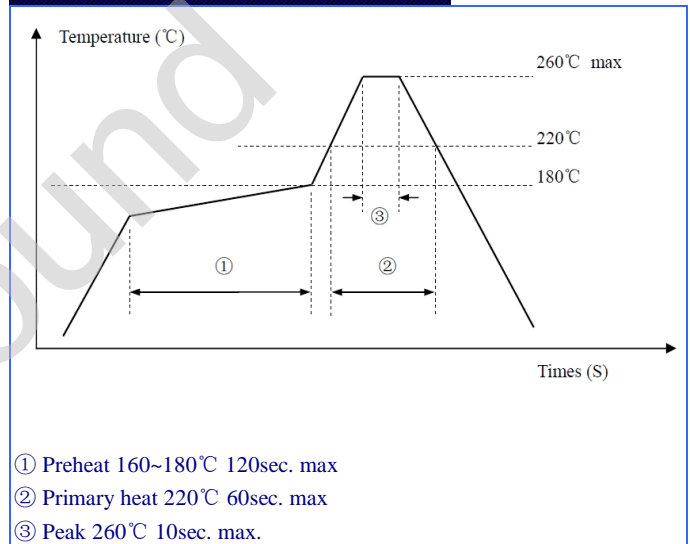
Dip Crystal 11.4×4.8 mm HC-49U/S



Package Height 3.5 mm max, 2.5~3.5 mm available  
 Wave Soldering Temperature: 265 °C max  
 highly stable and reliable crystal unit with a metallic package  
 Taped Version Available

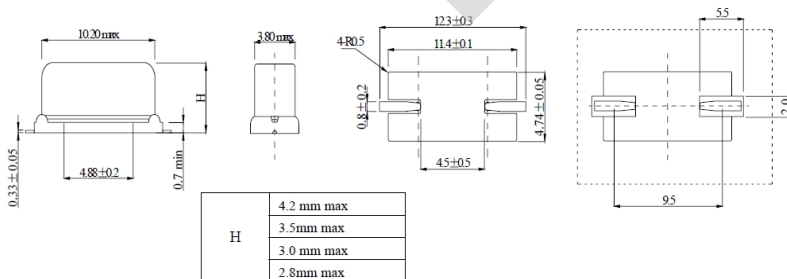
DESCRIPTION	CONTENTS
Holder Type	HC-49S
Frequency Range	3.200~100.00MHz (3.2~40MHz)
Oscillation Mode	Fundamental (27~100MHz) 3rd Overtone
Tolerance @25±2°C	±10ppm~±30ppm
Frequency Stability	±2.5ppm~±50ppm
Operating Temperature Range	0~+50°C to -40~+85°C
Storage Temperature Range	-55°C ~+125°C
Load Capacitance(CL)	20 pf
Equivalent Resistance	≤120Ω
Drive Level	100 uw
Shunt Capacitance	10pf (max)
Aging Rate a year	±3ppm (max)
Insulation Resistance	500Megaohm

### REFLOW SOLDERING PROFILE



### DIMENSIONS

#### SMD TYPE



#### DIP TYPE

