

RESISTANCE WELD LOW PROFILE CRYSTAL HC49SS/SSD

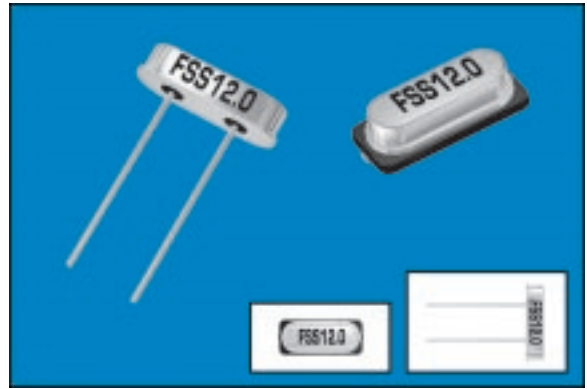
The HC49SS has the same lead spacing as the HC49U and HC49S, but with a max height of 2.5mm. A surface mount version, the HC49SSD, is also available with a max height of 3.2mm.

FEATURES

- Very Low Profile
- Wide Frequency Range
- "AT Strip"
- Standard Footprint

OPTIONS

- Surface Mount HC49SSD
- Mylar Spacer (Leaded)
- Tape and Reel (SMD)
- (1,000pcs. STD)



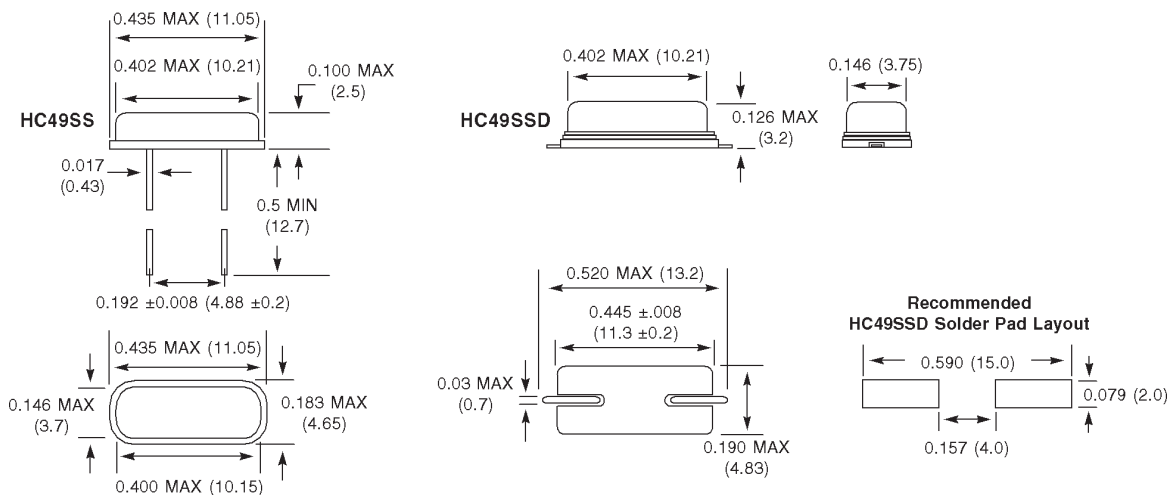
Actual Size

• HC49SS STANDARD SPECIFICATIONS *

PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		8.000	70.000	MHz
Frequency Tolerance	Ta = 25°C	-50	+50	PPM
Frequency Stability, ref @ 25°C	Ta = 0°C ~ +70°C	-50	+50	PPM
Temperature Range				
Operating (TOPR)		0	+70	°C
Storage (TSTG)		-30	+85	
Shunt Capacitance (Co)			7.0	pF
Load Capacitance (CL)	Customer Specified	10.0	Series	pF
Drive Level	8.000 ~ 70.000 MHz		0.1	mW
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM

Frequency Range (MHz)	Operating Mode	Max ESR Ω	Frequency Range (MHz)	Operating Mode	Max ESR Ω
8.000 ~ 9.000	Fundamental	80	20.000+ ~ 36.000	Fundamental	30
9.000+ ~ 13.000	Fundamental	60	27.000 ~ 70.000	3rd OT	100
13.000+ ~ 20.000	Fundamental	40			

* Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements, or use crystal order form on page 6. All specifications subject to change without notice. Rev. 5/30/98



Inch dimensions shall govern.
All dimensions are in inches & parenthetically in millimeters.
See page 28 for tape and reel specifications.