

RESISTANCE WELD LOW PROFILE CRYSTAL HC49S/SD

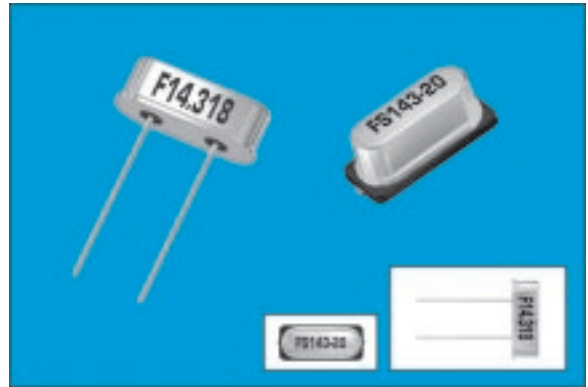
The HC49S has the same lead spacing as the HC49U, but with a 3.6mm height it suits many space-limited applications. A surface mount version, the HC49SD, is also available.

FEATURES

- Low Profile
- Industry Standard
- Cost Effective
- "AT Strip"

OPTIONS

- Surface Mount HC49SD
- Mylar Spacer (Leaded)
- Tape and Reel (1,000pcs. STD)



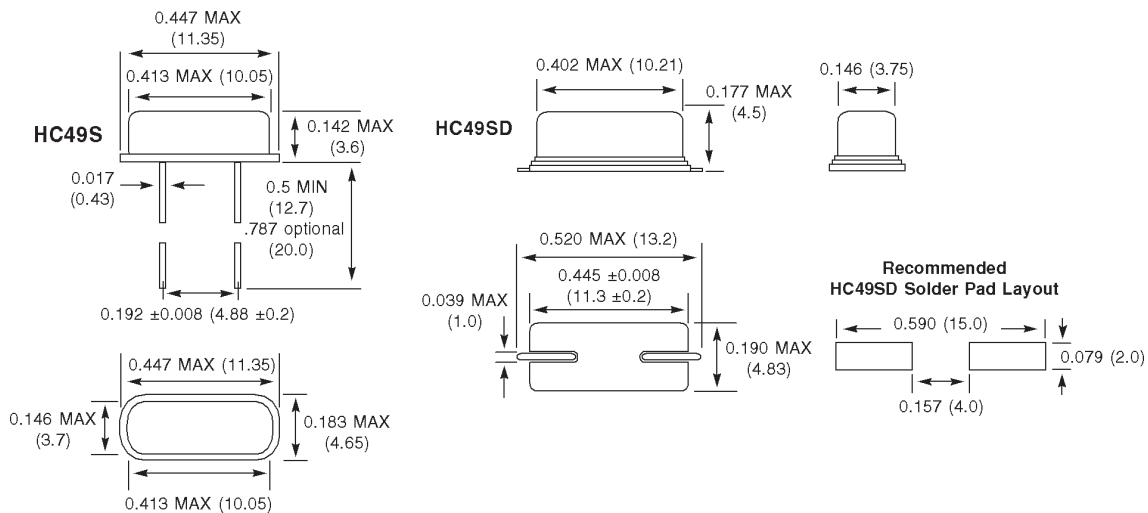
Actual Size

• HC49S STANDARD SPECIFICATIONS *

PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		3.200	70.000	MHz
Frequency Tolerance	Ta = 25°C	-30	+30	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	3.200 ~ 70.000 MHz		0.5	mW
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM

Frequency Range (MHz)	Operating Mode	Max ESRΩ	Frequency Range (MHz)	Operating Mode	Max ESRΩ
3.200 ~ 3.500	Fundamental	300	7.000+ ~ 9.000	Fundamental	80
3.500+ ~ 4.000	Fundamental	200	9.000+ ~ 13.000	Fundamental	60
4.000+ ~ 5.000	Fundamental	150	13.000+ ~ 20.000	Fundamental	40
5.000+ ~ 6.000	Fundamental	120	20.000+ ~ 30.000	Fundamental	30
6.000+ ~ 7.000	Fundamental	100	27.000 ~ 70.000	3rd OT	100

* 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.