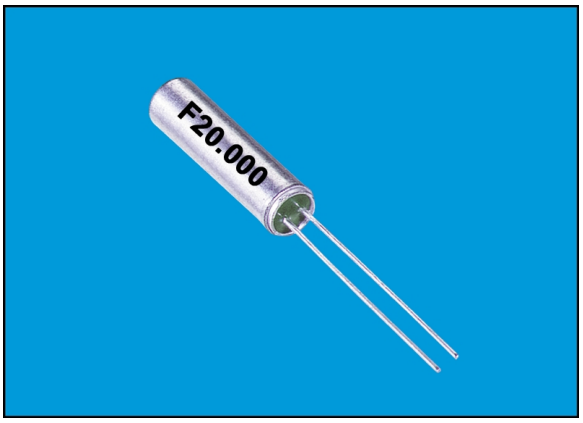
MICRO MINIATURE "AT STRIP" CRYSTAL
FX-3

The FX-3 "AT Strip" Crystal features miniaturization which makes it perfect for applications requiring small size. In terms of volume, the FX-3 is 75% smaller than the standard HC80 and is 90% smaller than the HC49U, with the smallest footprint of any crystal package.



FEATURES

- Miniature Package
- Very Small Footprint
- Cost Effective
- Rugged Cold Weld Design

• FX-3 STANDARD SPECIFICATIONS *

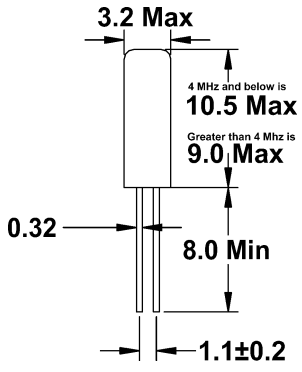
PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		3.579545	66.6667	MHz
Frequency Tolerance	Ta = 25ºC	-50	+50	PPM
Frequency Stability, ref @ 25ºC		**See Table**		PPM
Temperature Range		**See Table**		ºC
Operating (TOPR)				
Storage (TSTG)		-55	+125	
Shunt Capacitance (Co)			7.0	pF
Load Capacitance (CL)	Customer Specified	10.0	Series	pF
Drive Level	3.579545 ~ 66.6667 MHz		0.1	mW
Aging	Ta = 25ºC; per year	-5.0	+5.0	PPM

Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.579545 ~ 4.000	Fundamental	200 Std. (150 ~ 200 Optional)
4.000+ ~ 6.000	Fundamental	150 Std. (120 ~ 150 Optional)
6.000+ ~ 10.000	Fundamental	100 Std. (80 ~ 100 Optional)
10.000+ ~ 32.000	Fundamental	50 Std. (30 ~ 50 Optional)
30.000 ~ 36.000	3rd OT	100 Std. (80 ~ 100 Optional)
36.000+ ~ 66.6667	3rd OT	80 Std. (60 ~ 80 Optional)

*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. 01/10/00

Operating Temperature & Stability			
Frequency Range	-10ºC ~ +60ºC	-20ºC ~ +70ºC	-40ºC ~ +85ºC
3.579545 ~ 4.000	±50PPM	±80PPM	±150PPM
4.000+ ~ 6.000	±50PPM	±70PPM	±100PPM
6.000+ ~ 12.000	±30PPM	±50PPM	±80PPM
12.000+ ~ 66.6667	±30PPM	±40PPM	±60PPM

NOTE: This table shows the Max. stability of the same standard part over different operating temperature ranges.
ex: The same 8.000MHz standard part would have a Max. stability of ±30PPM over -10ºC ~ +60ºC, ±50PPM over -20ºC ~ +70ºC, and ±80PPM over -40ºC ~ +85ºC.



All dimensions are in millimeters.

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