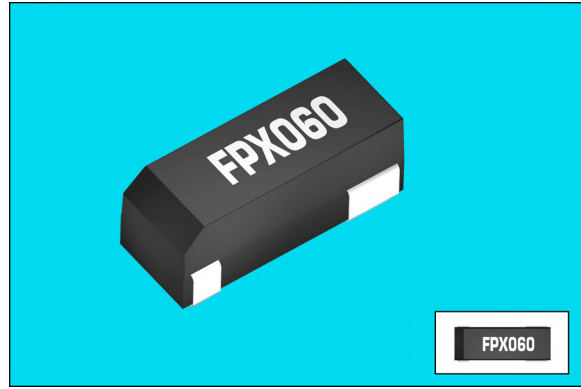


PLASTIC ENCASED SMD CRYSTAL FPX

The FPX is a surface mount version of the FX-3. It has a special high temperature seal which is able to withstand SMD soldering techniques. The housing for this crystal is made from the same rugged thermoplastic that is standard for integrated circuits. Small size and availability in tape and reel make this product exceptional for SMD applications.

FEATURES

- Industry Standard
- Cost Effective
- High Temperature Seal
- Space Saving Design
- Tape and Reel 12mm pitch (1,000 pcs. STD)



Actual Size

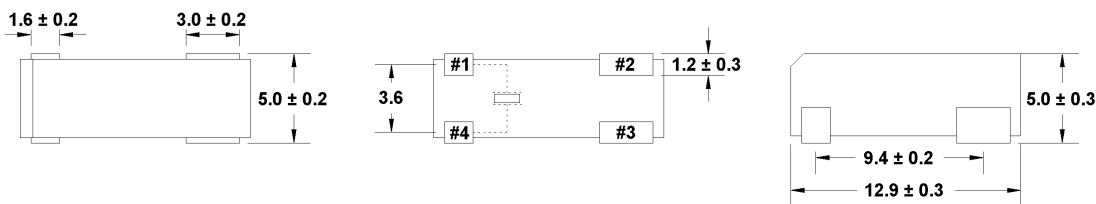
FPX STANDARD SPECIFICATIONS

PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		3.579545	66.6667	MHz
Frequency Tolerance	Ta = 25°C	-50	+50	PPM
Frequency Stability, ref @ 25°C	Ta = -10°C ~ +70°C	-100	+100	PPM
Temperature Range				
Operating (TOPR)		-10	+70	°C
Storage (TSTG)		-55	+125	
Shunt Capacitance (Co)			7.0	pF
Load Capacitance (CL)	Customer Specified	10.0	Series	pF
Drive Level			0.1	mW
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM

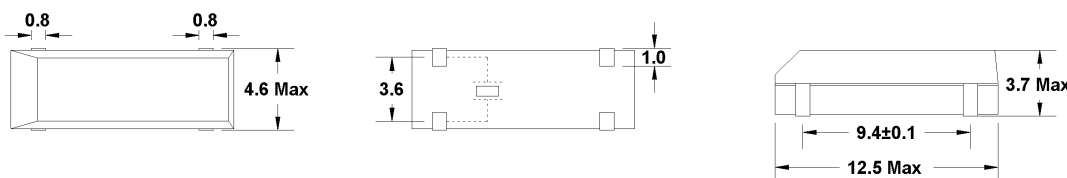
Frequency Range (MHz)	Operating Mode	Max ESR Ω	Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.579 ~ 4.000	Fundamental	200	9.000+ ~ 13.000	Fundamental	60
4.000+ ~ 5.000	Fundamental	150	13.000+ ~ 20.000	Fundamental	40
5.000+ ~ 6.000	Fundamental	120	20.000+ ~ 30.000	Fundamental	30
6.000+ ~ 7.000	Fundamental	100	30.000 ~ 66.6667	3rd OT	100
7.000+ ~ 9.000	Fundamental	80			

*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. 10/11/99

FPX

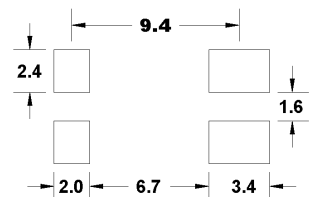


FPX-Revision C



Dimensions are in millimeters.

Recommended Solder Pad Layout



Note: Solder Pad Layout accommodates both packages