

MINIATURE CERAMIC SMD CRYSTALS

FH/FL

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The FH/FL series provides a miniature profile in a resin sealed ceramic package. These designs offer low cost and high reliability, three different footprint patterns, and are available in tape and reel.



FEATURES

- ? Low Cost
- ? Low Profile
- ? Miniature Package
- ? 3 Optional Footprints
- ? Tape and reel (2,000pcs. STD)

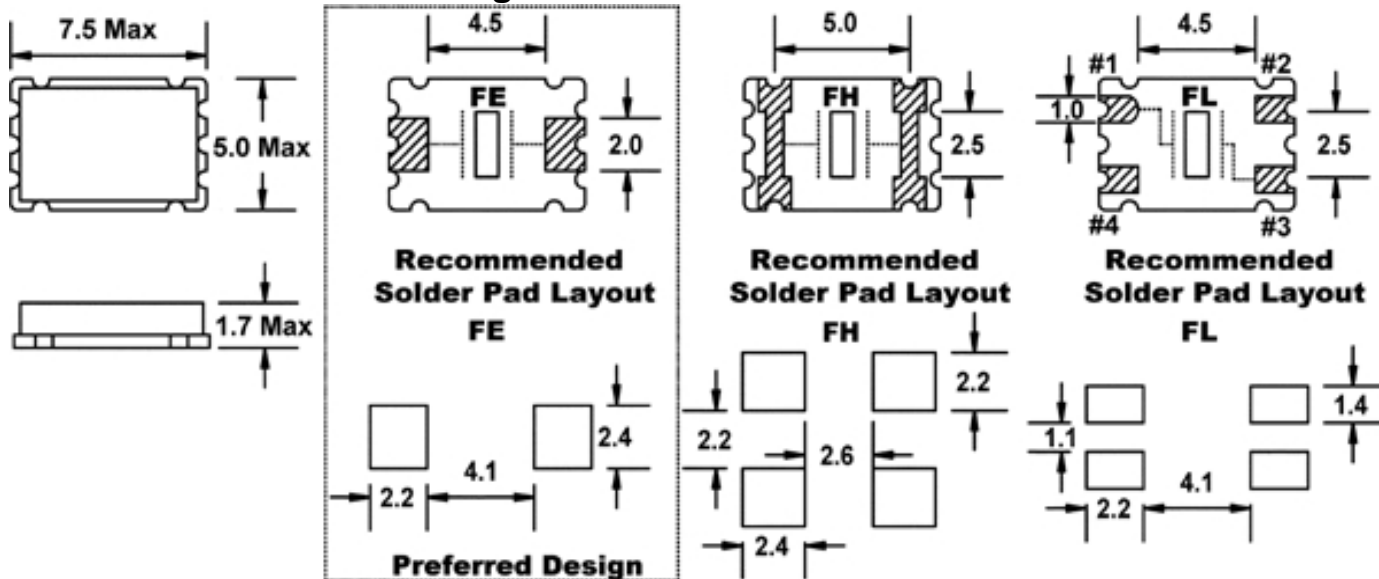
FH/FL STANDARD SPECIFICATIONS*

PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency		7.3728	72.000	MHz
Frequency Tolerance	Ta = 25°C	-50	+50	PPM
Frequency Stability _(ref@25°C)	Ta = -10°C ~ +60°C	-50	+50	PPM
Temperature Range				
Operating (TOPR)		-10	+60	°C
Storage (TSTG)		-30	+85	
Shunt Capacitance (Co)			7.0	pF
Load Capacitance (CL)	Customer Specified	10.0	Series	pF
Drive Level	7.3728 ~ 72.000MHz		0.5	mW
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM

* Other stabilities and operating temperature ranges available. Consult Fox Customer Service for specific requirements. All specifications change without notice. Rev. 03/02/00

Frequency Range (MHz)	Operating Mode	Max ESR ?
7.3728 ~ 8.000	Fundamental	80
8.000+ ~ 16.000	Fundamental	60
16.000+ ~ 32.000	Fundamental	40
28.000 ~ 67.000	3rd OT	60

FH/FL - Dimensional Drawing



(Dimensions are in millimeters)