

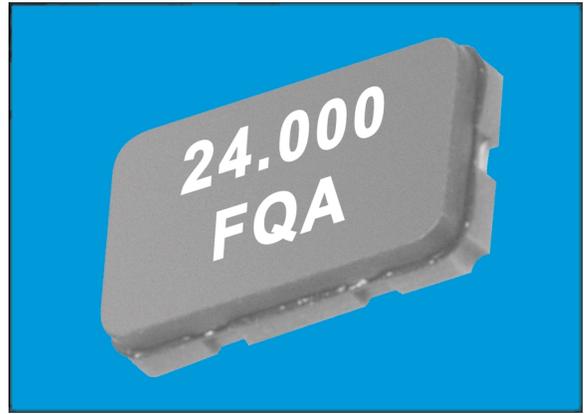
ULTRA MINIATURE CERAMIC SMD CRYSTAL

FQA

The FQA provides an ultra miniature crystal in a low cost, resin sealed ceramic package. A fundamental mode up to 40MHz allows ease of circuit design.

FEATURES

- Low Cost
- Ultra Miniature Package
- 1.4mm Height Max
- Fundamental to 40MHz
- Tape and Reel (2,000 pcs. STD)
- Resin Sealed



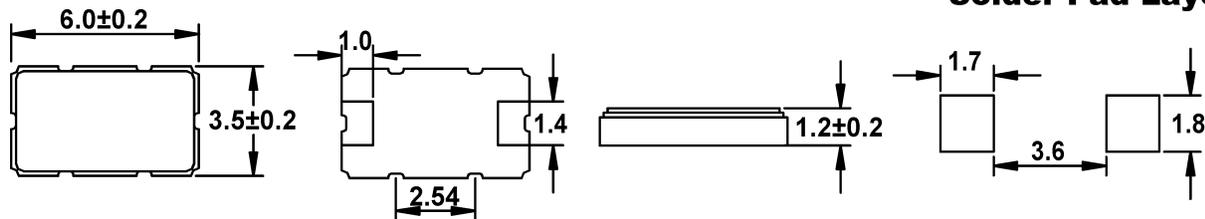
• FQA STANDARD SPECIFICATIONS *

PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		11.0592	67.000	MHz
Frequency Stability	Ta = -10°C ~ +60°C Inclusive of Tolerance at 25°C	-100	+100	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			0.1	mW
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM

Frequency Range (MHz)	Operating Mode	Max ESR Ω
11.0592 ~ 12.000	Fundamental	80
12.000+ ~ 16.000	Fundamental	60
16.000+ ~ 40.000	Fundamental	40
40.000+ ~ 67.000	3rd OT	70

* Other 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. 05/03/00

Recommended Solder Pad Layout



All dimensions are in millimeters.

See page 31 for tape and reel specifications.