

FOX ALL QUARTZ SMD CRYSTAL Model: FQ1045A

RoHS
Compliant



FEATURES

- Surface Mount All Quartz
- Low Cost
- Ultra Low Profile
- Fundamental

OPTIONS

- Tolerances to ± 20 PPM
- Stabilities to ± 20 PPM
- Temp Range to $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



Quote it!

• PART NUMBER [Learn More](#) - Internet Required

Part Number	Model Number	Frequency Range (MHz)
735A-Frequency-xxxxx	FQ1045A	3.200 ~ 49.000

• STANDARD SPECIFICATIONS¹

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	3.200 ~ 49.000 MHz
Frequency Tolerance @ 25°C	± 30 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	± 30 PPM ¹
Temperature Range	
Operating (TOPR)	0°C ~ +70°C ¹
Storage (TSTG)	-30°C ~ +85°C
Shunt Capacitance (Co)	7 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.5 mW
Aging per year	± 5 PPM

RoHS Compliance Status: Compliant

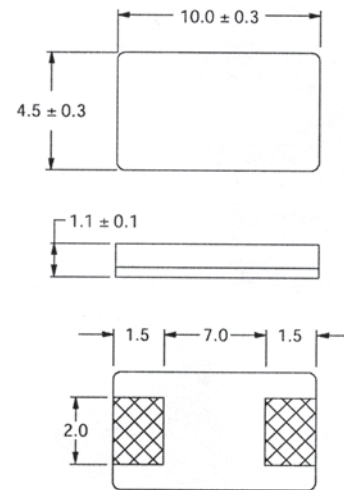
¹ Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.

NOTE: The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies. All specifications subject to change without notice. Rev. 11/3/04

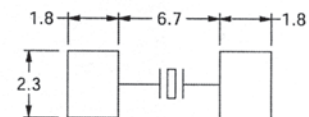
Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.200 ~ 6.000	Fundamental	150
6.000+ ~ 16.000	Fundamental	80
16.000+ ~ 49.000	Fundamental	50

Learn more about: [Part Marking Identification](#) [Tape and Reel Specification](#)

Internet required



Termination Finish: Au Recommended Solder Pad Layout



All dimensions are in millimeters.