

# Distributor Stocking Part

# Part Number: FQ5032BR-24.000



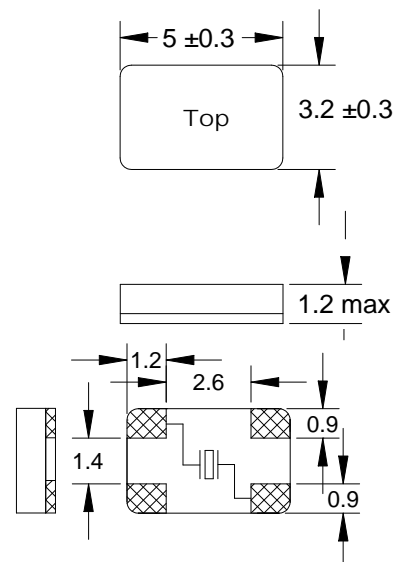
**LEAD-FREE, RESIN-SEALED, SMD, CRYSTAL  
MODEL: FQ5032B Series**

*RoHS / REACH Compliant / Pb Free*

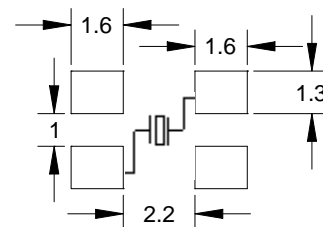
## A. Standard Specifications

Parameters	
Frequency	24.000 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±30 PPM Max
Frequency Stability, ref @ 25°C Over Operating Temp. Range	±30 PPM Max
Temperature Range Operating (T <sub>OPR</sub> ) Storage (T <sub>STG</sub> )	-40°C ~ +85°C -40°C ~ +85°C
Equivalent Series Resistance (ESR)	50 Ohms Max
Shunt Capacitance (C <sub>O</sub> )	7 pF Max
Load Capacitance (C <sub>L</sub> )	20 pF
Drive Level	0.5 mW Max
Aging per year	±5 PPM Max
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au

## B. Mechanical / Dimensions (millimeters):



### Recommended Solder Pad Layout

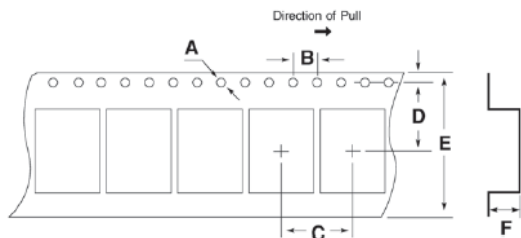


### FQ Series Marking Identification



## C. Tape & Reel Specifications (in millimeters)

Standard reel quantity: 1,000



- A = Ø1.5
- B = 4.0
- C = 8.0
- D = 7.5
- E = 16.0
- F = 1.2
- G = 2.0
- H = Ø13
- I = Ø21
- J = Ø62.5
- K = Ø178
- L = 16.4
- M = 2.0

**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.

Reference / Comments	Title / Description: Product Specifications		
Initial release	Drawing Number: DOC101003	Rev: 1	Size: A
	Part Number: FQ5032BR-24.000		Cage: 61429
	Draftsperson: AR	Approved: GB	Date: 05-20-2014