

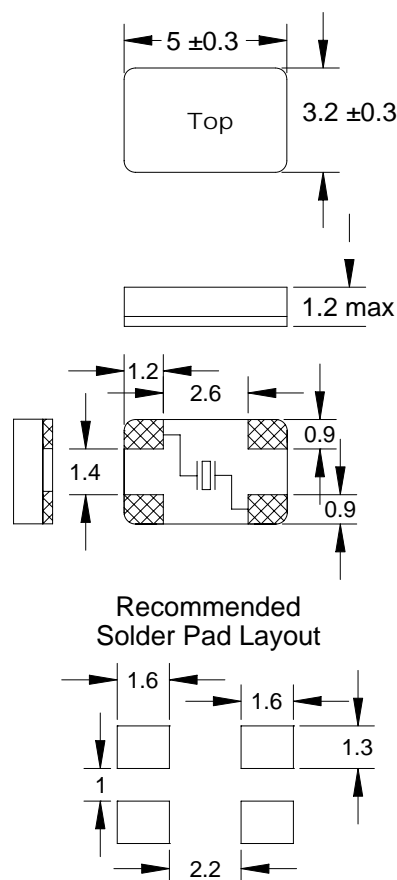
Model: FQ5032B

ALL QUARTZ, Pb-FREE, SMD, CRYSTAL

A. Standard Specifications

Parameters	
Standard Frequencies	
FQ5032B-12.000	12.000 MHz
FQ5032B-16.000	16.000 MHz
FQ5032B-20.000	20.000 MHz
FQ5032B-24.000	24.000 MHz
FQ5032B-24.576	24.576 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 _{OPR})	0°C to +70°C
Storage (T _{STG})	-40°C to +85°C
Equivalent Series Resistance (ESR)	Max Ohms
12.000 & 16.000 MHz	80
Above 16.000 MHz	50
Shunt Capacitance (C _O)	7 pF Max
Load Capacitance (C _L)	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

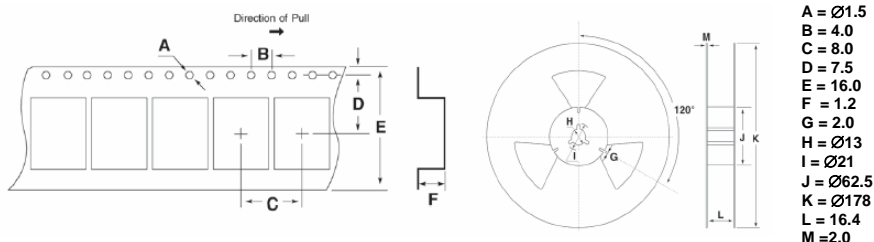
B. Mechanical / Dimensions (millimeters):



RoHS Compliance Status: Compliant



C. Tape & Reel Specifications (in millimeters)



Standard reel quantity: 1,000

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 Specification		
Initial release	Drawing Number:	Rev: 1	Size: A
	Part Number: FQ5032B-XXXX		Cage: 61429
	Draftsperson:	Approved:	Date: