

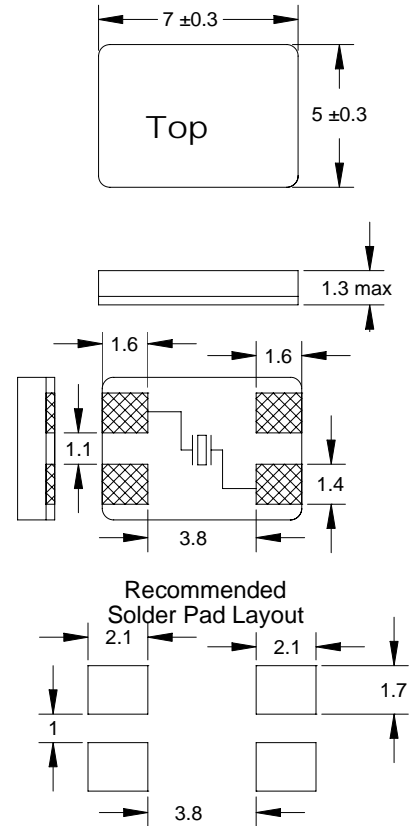
# Model: FQ7050B

## ALL QUARTZ, Pb-FREE, SMD, CRYSTAL

**A. Standard Specifications**

Parameters	
Standard Frequencies	
FQ7050B-7.3728	7.3728 MHz
FQ7050B-8.000	8.000 MHz
FQ7050B-10.000	10.000 MHz
FQ7050B-11.0592	11.0592 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> )	0°C to +70°C
Storage (T <sub>STG</sub> )	-40°C to +85°C
Equivalent Series Resistance (ESR)	80 Ohms Max
Shunt Capacitance (C <sub>O</sub> )	7.0 pF Max
Load Capacitance (C <sub>L</sub> )	20 pF
Drive Level	0.5 mW Max
Aging per year	±5.0 PPM Max
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au

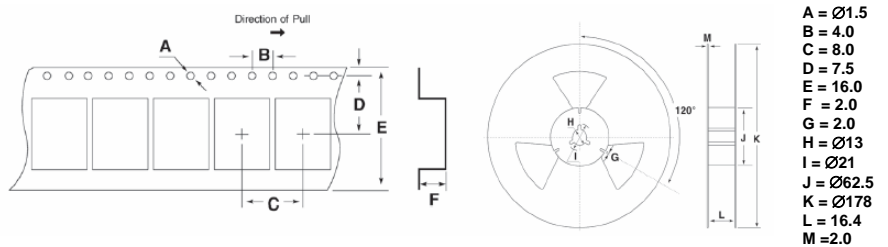
**B. Mechanical / Dimensions (millimeters):**



**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: A	Size: A
	Part Number: FQ7050B-XXXX		Cage: 61429
	Draftsperson:	Approved:	