Distributor Stocking Part

Part Number: FQ5032BR-16.000



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

RoHS / REACH Compliant / Pb Free

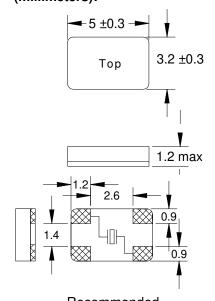
A. Standard Specifications

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Parameters		
Frequency	16.000 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 _{OPR}) Storage (T _{STG})	-40°C ~ +85°C -40°C ~ +85°C	
Equivalent Series Resistance (ESR)	80 Ohms Max	
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	

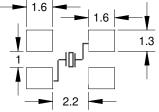
FQ Series Marking Identification



B. Mechanical / Dimensions (millimeters):

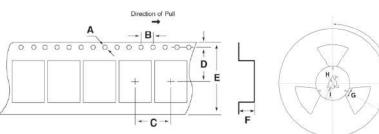


Recommended Solder Pad Layout



C. Tape & Reel Specifications (in millimeters)

Standard reel quantity: 1,000



A = \emptyset 1.5 B = 4.0 C = 8.0 D = 7.5 E = 16.0 F = 1.2 G = 2.0 H = \emptyset 13 I = \emptyset 21 J = \emptyset 62.5 K = \emptyset 178 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-16.000	Cage: 61429
	Draftsperson: AR Approved: GB	Date: 05-20-2014
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