

Distributor Stocking Part

Fox Part Number: FQ1045AR-4.000



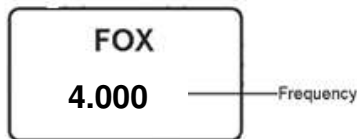
RESIN-SEALED, SMD, CRYSTAL
MODEL: FQ1045A Series

RoHS / REACH Compliant / Pb Free

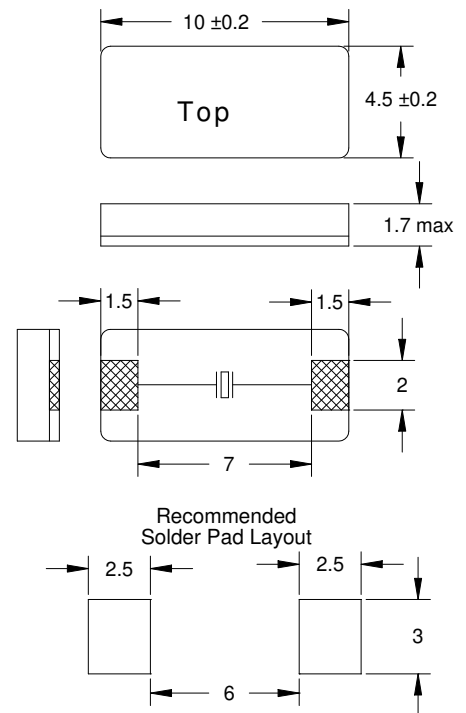
A. Standard Specifications

Parameters	
Frequency Range (F_0)	4.000 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)	150 Ohms Max
Shunt Capacitance (C_0)	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):



C. Tape & Reel Specifications (in millimeters)

Standard reel quantity: 1,000	
<ul style="list-style-type: none">A = Ø1.5B = 4.0C = 8.0D = 7.5E = 16.0F = 2.0G = 2.0H = Ø13I = Ø21J = Ø62.5K = Ø178L = 16.4M = 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: FQ1045AR-4.000		Cage: 61429
	Draftsperson: AR	Approved: GB	Date: 05-20-2014