

Fox Part Number: 617-23.99675-1

2016 0.55mm height CERAMIC CRYSTAL

MODEL: C1BS (Formerly FX216B Series)

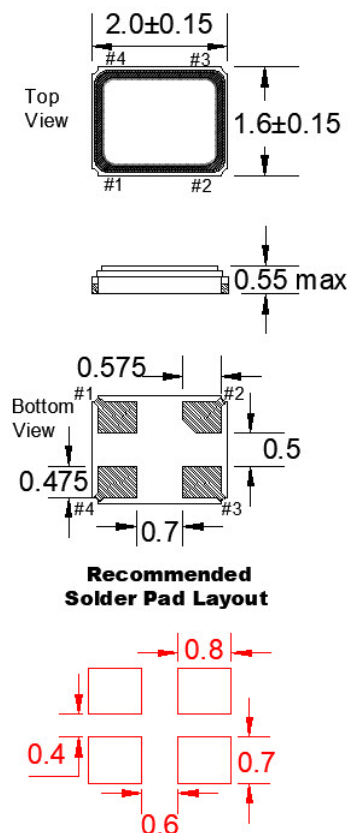
RoHS / REACH Compliant / Pb-Free

SPECIFICATIONS

Parameter	
Frequency	23.99675
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±15.0 ppm max
Frequency Stability, ref @ 25°C Over Operating Temp. Range	±20.0 ppm max
Temperature Range	
Operating (T _{OPR})	-10°C ~ +60°C
Storage (T _{STG})	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	120 max
Shunt Capacitance (C ₀)	3 pF max
Load Capacitance (C _L)	10.0 pF
Drive Level	0.1 mW max
Aging per year	±5 ppm-yr max
Maximum Soldering Temp / Time	260°C / 10 Seconds x2
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au over Ni
Quantity	Bulk

Line	Marking
1	23.99 Frequency
2	FX YW FX = product code. YW = Date Code (Year/Month and Week)

MECHANICAL DIMENSIONS (mm)



**Recommended
Solder Pad Layout**

Dimensions are in millimeters.

Pin Connections

#1 Crystal #3 Crystal
#2 Lid/Gnd #4 Lid/Gnd

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:		Size: A
	Part Number: 617-23.99675-1		Cage: 61429
	Draftsperson:	Approved:	Date: