

FOX CERAMIC SMD CRYSTAL Model: FX216B



FEATURES

- Ultra Low Profile
- Fundamental

OPTIONS

- Tolerances $< \pm 10$ PPM
- Stabilities $< \pm 10$ PPM
- Temp Range to $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$



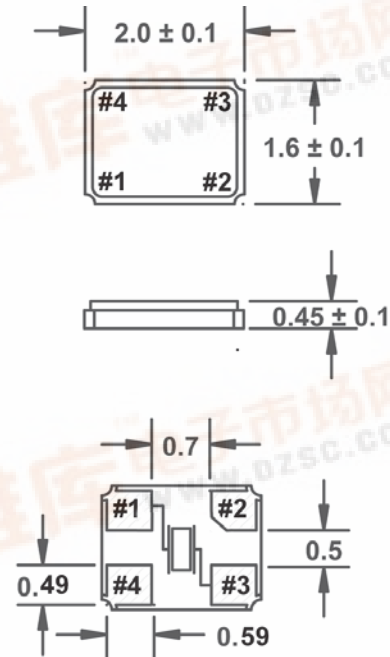
Quote it!

PART NUMBER Learn More - Internet Required		
Part Number	Model Number	Frequency Range (MHz)
617-Frequency-xxxxx	FX216B	24.576 ~ 60.000

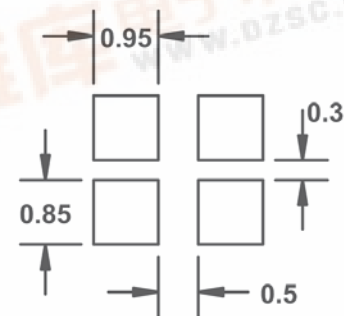
Learn more about:
[Part Marking Identification](#)
[Tape and Reel Specification](#)
Internet required

STANDARD SPECIFICATIONS ¹	
PARAMETERS	
Frequency Range	24.576~60.000 MHz
Frequency Tolerance @ 25°C	± 50 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	± 50 PPM ¹
Temperature Range	
Operating (TOPR)	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ¹
Storage (TOPR)	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Equivalent Series Resistance	50Ω~200Ω
Shunt Capacitance (Co)	7.0 pF
Load Capacitance (CL)	10 pF~Series (Customer Specified)
Drive Level	50 μW
Aging per year	± 5 PPM

¹ Tolerances and stabilities to ± 10 PPM, operating temps to $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ available.
All specifications subject to change without notice. Rev. 3/23/05



Recommended Solder Pad Layout



Pin Connections
#1 Crystal #3 Crystal
#2 NC #4 Lid (GND)*

TERMINATIONS: Ni/Au
*For proper operation, pin 4 must be connected to GND.
All dimensions are in millimeters.

