

## VXA7 Microprocessor Crystals

**Package Options**      **A7** = HC-49/U 13.5 mm tall with gull leads

**Frequency Range**      1.8432 MHz to 150.00 MHz

**Standard Frequencies** See [Standard Frequency Table](#)

**Mode**  
**1** = Fundamental (1.8432 to 30 MHz)  
**3** = 3<sup>rd</sup> Overtone (24 to 85 MHz)  
**5** = 5<sup>th</sup> Overtone (< 150 MHz)

**Stability Options**  
**A** = ±100 PPM -20°C to +70°C  
**B** = ±50 PPM -20°C to +70°C  
**C** = ±100 PPM -40°C to +85°C  
**D** = ±50 PPM -40°C to +85°C  
**E** = ±25 PPM -20°C to +70°C  
**F** = ±30 PPM -20°C to +70°C

**Load Capacitance**  
**0** = Series Resonant  
**1** = 16 pF  
**2** = 20 pF  
**3** = 32 pF  
**4** = 18 pF  
**5** = 10 pF  
**6** = 30 pF

**STD Calibration Tolerance**      ±25 PPM at +25°C  
Tolerances to ±10 PPM are available

**Equivalent Series Resistance**      See [ESR Table I](#)

**Shunt Capacitance**      7 pf Maximum

**Drive Level**      10 to 1,000 uW

**Crystal Aging**      <5 ppm/1<sup>st</sup> year

**Standard Packaging**      Tape & Reel (1000 pc minimum)

**Typical P/N**      **VXA7-3B2-40M000**

**A7** = HC/49U package with gull leads

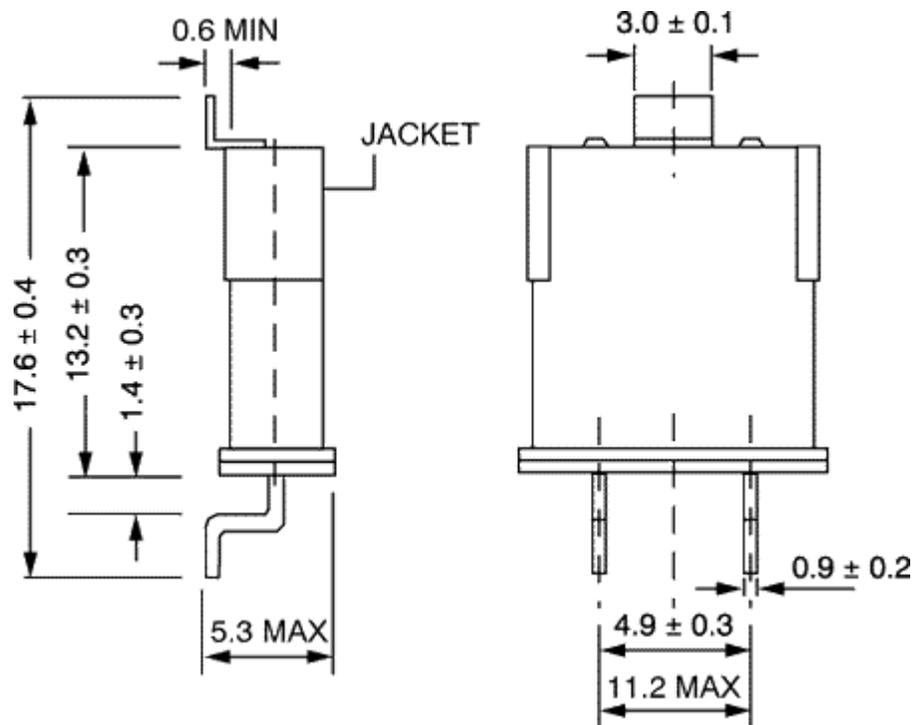
**3** = 3<sup>rd</sup> overtone

**B** = ±50 PPM -20°C to +70°C

**2** = 20 pF load

[Generate your own part number!](#)

We welcome your custom requests and will issue a custom part number for items that are not listed.



Dimensions in mm.