



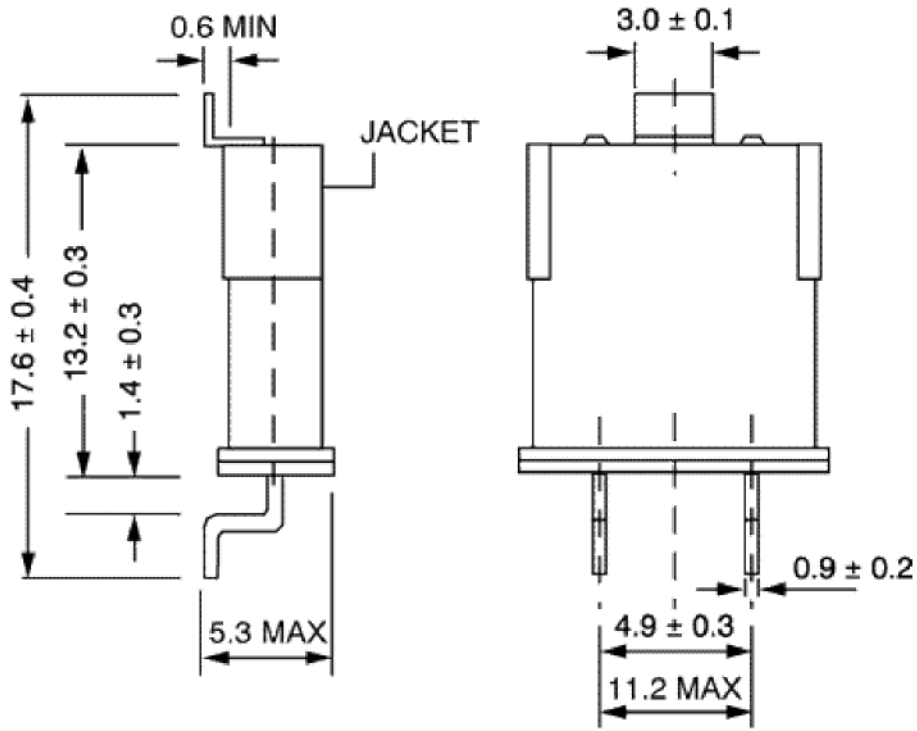
## VXA7 Microprocessor Crystals

<b>Package Options</b>	<b>A7</b> = HC-49/U 13.5 mm tall with gull leads
<b>Frequency Range</b>	1.8432 M Hz to 150.00 M Hz
<b>Standard Frequencies</b>	See <a href="#">Standard Frequency Table</a>
<b>Mode</b>	<b>1</b> = Fundamental (1.8432 to 30 MHz) <b>3</b> = 3 <sup>rd</sup> Overtone (24 to 85 MHz) <b>5</b> = 5 <sup>th</sup> Overtone (< 150 MHz)
<b>Stability Options</b>	<b>A</b> = ±100 PPM -20°C to +70°C <b>B</b> = ±50 PPM -20°C to +70°C <b>C</b> = ±100 PPM -40°C to +85°C <b>D</b> = ±50 PPM -40°C to +85°C <b>E</b> = ±25 PPM -20°C to +70°C <b>F</b> = ±30 PPM -20°C to +70°C
<b>Load Capacitance</b>	<b>0</b> = Series Resonant <b>1</b> = 16 pF <b>2</b> = 20 pF <b>3</b> = 32 pF <b>4</b> = 18 pF <b>5</b> = 10 pF <b>6</b> = 30 pF
<b>STD Calibration Tolerance</b>	±25 PPM at +25°C Tolerances to ±10 PPM are available
<b>Equivalent Series Resistance</b>	See <a href="#">ESR Table I</a>
<b>Resistance</b>	7 pf Maximum
<b>Shunt Capacitance</b>	10 to 1,000 uW
<b>Drive Level Crystal</b>	<5 ppm/1 <sup>st</sup> year
<b>Aging Standard</b>	Tape & Reel (1000 pc minimum)
<b>Packaging Typical</b>	<b>VXA7-3B2-40M000</b>
<b>P/N</b>	

**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

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Dimensions in mm.