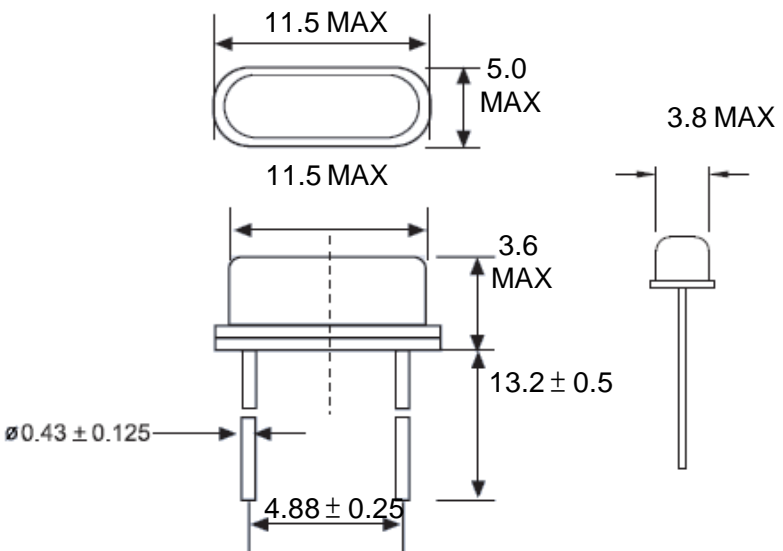


ELECTRICAL SPECIFICATIONS	
TYPE	HC-49US
Part Number	AS49S-22.1184M-FE300E5
Nominal frequency	22.118400 MHz
Oscillation mode	Fundamental
Frequency tolerance	± 30 ppm 25±3°C
Temperature characteristics	± 30 ppm
Operating Temperature	-45°C ~ +85°C
Storage Temperature	-45°C ~ +85°C
Load capacitance	30.0 pF
Drive level	100 μW Typ.
Shunt capacitance (C <sub>0</sub> )	5 pF Max.
Equivalent Series Resistance	30 Ω Max.
Aging	± 3 ppm Max/Year

OUTLINE DIMENSIONS	
 <p>Technical drawing showing outline dimensions for the HC-49US quartz crystal. The drawing includes three views: a top view, a side view, and a detail view of the mounting leads. Dimensions are provided in millimeters (mm).</p> <ul style="list-style-type: none"> <li>Top view: Overall width 11.5 MAX, overall height 5.0 MAX.</li> <li>Side view: Overall height 13.2 ± 0.5, mounting lead height 3.6 MAX, mounting lead diameter <math>\varnothing 0.43 \pm 0.125</math>, mounting lead spacing 4.88 ± 0.25.</li> <li>Detail view: Mounting lead diameter 3.8 MAX.</li> </ul>	
[UNIT: mm]	
<p>* Remarks: Marking by Ansen's standard laser marking.            * All specifications are subject to change without prior notice.</p>	