



**“XCR-1xxx” Series Surface Mount Xtals**  
**High Reliability Surface Mount Crystal Units**

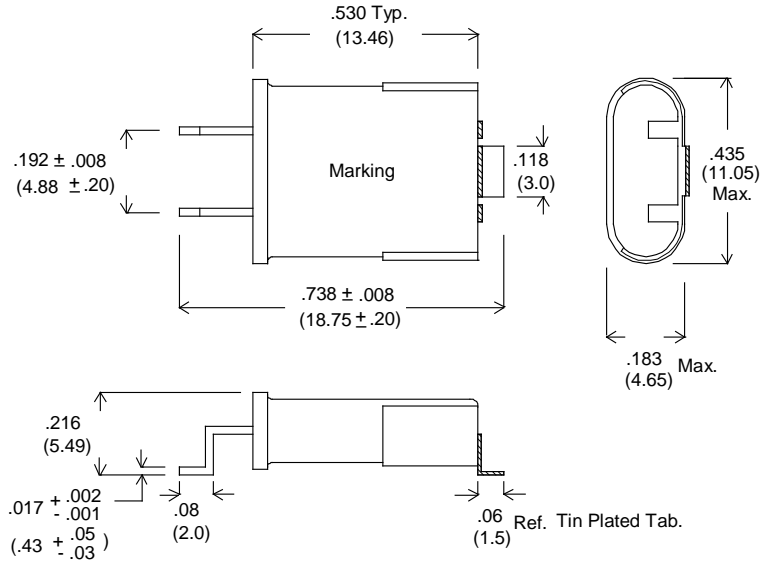


**Features**

- Ruggedized Crystal Mount
- 100% Screening Options
- Hermetically Sealed Metal Package
- ECCN: EAR99

**Applications**

- High Shock & Vibration Applications
- Navigation Systems
- Aerospace Instrumentation
- Industrial Controls
- Gun Launched Munitions



**Package Specifications & Outline:**

- Header Material: C.R.S. Electroless Nickel Plated
- Cover Material: C.R.S. Electroless Nickel Plated or Stainless Steel
- Leads Material: ASTM F-30, 52 Alloy Nickel Plated
- Lead Finish: Hot Solder Tinned with 63Sn/37Pb Solder
- Seal: Hermetic – Resistance Welded
- Weight: 1.5 Gms typical, 2.0 Gms Max.
- Lead Soldering, Temp./Time: 260 °C, 10 Secs. Max.

Dimensions: Inches (mm)

Contact Xsis Electronics at [xisis@xisis.com](mailto:xisis@xisis.com) for any special requirements.

**ORDERING INFORMATION :**

Based on the requirements for the Electrical Characteristics of the Crystal Unit, Xsis Electronics will assign a custom part number for the Surface Mount Configuration shown above.

Xsis Electronics offers a large selection of Crystal Units, some of which are listed below:

- QPL (MIL-PRF-3098) Crystal Units, such as, CR64/U, CR69/U, CR77/U, CR106/U, etc.
- Custom Crystal Units as per Customer’s requirements.
- Crystal Units requiring Special Screening and/or extended aging.
- Crystal Units meeting Special Shock and/or Vibration requirements.