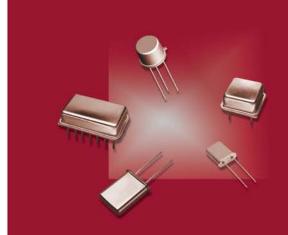


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> Thru-Hole & Surface Mount Packages

> Resistant to High-Shock & Vibration

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> 3.3 or 5 Volts

> Quick-Turn



Huntington Beach, CA Facility



STANDARD PRODUCTS

With our *quick-turn* **USA production capability** and **high-volume off-shore facility**, we have what it takes to support your requirements - from prototype to high-volume cost effective production quantities.

ISO 9001 COMPLIANT | PROCESS CONTROL FROM SHORE TO SHORE



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FMI offers its vast knowledge and experience in high-temperature frequency control circuit design and manufacturing process development to respond to our customer demand for higher-performance and reliability. Our focused effort has led to remarkable product offering over a



Extremely low-power circuit options for critical & battery operated systems.

wide operating temperature range, combined with precision frequency/timing stability and low-operating power- meeting or exceeding down-hole system performance requirements.

- Industry Standard Logic Families including Sinusoidal Output
- . Wide Range of Supply Voltages from 2.5 to 18 V
- . Frequency Range from 10 Hz to 110 MHz
- . Single and Double Rotation Optimized Crystal Cuts (AT, SC, IT Cuts)
- Wide Selection of Frequency Stability & Temperature Ranges from -70°C to +260°C
- · Calibration at Room Temperature or any Customer Defined Temperature
- · Voltage Controlled Option for Reliable Phase-Locking
- · Matched Pair Option for High-Precision Algorithms & Correlation
- . Industry Standard Packages and Custom Packaging Solutions
- . Optimized Crystal Support Structure for any Shock & Vibration Requirements
- . Screening / Testing including Industry Standard & Military Specifications
- · Normal & Accelerated Pre-Aging
- · Optional Customer Defined Formatted Test Data

5 X 7 & other Surface Mount Options





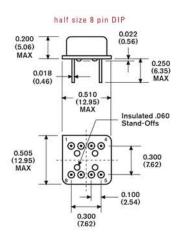


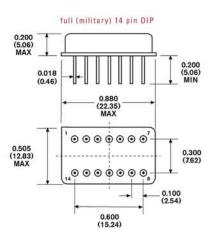
Stabilities as low as ±35 ppm & temperature ranges exceeding +250°C.

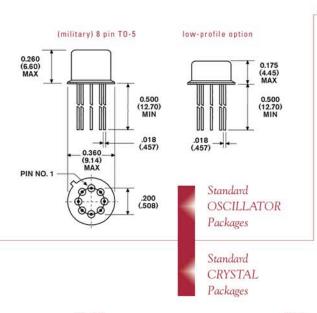


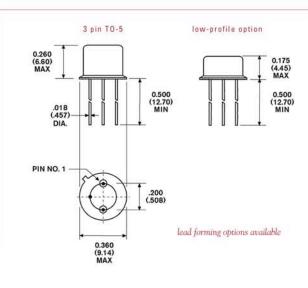
- . High Quality Resonator Material & Condition
- . Optimal Crystal Cut / Angle for the Specified Temperature Range
- Fundamental, 3rd & 5th Overtone Resonances; Frequencies 2 to 125 MHz
- . Single & Double Rotation Precision Cuts (AT, SC, IT Cuts)
- · Calibration at Room Temperature or any Customer Defined Temperature
- Industry Standard Packages & Custom Packaging Solutions
- . Two, Three or Four Point Crystal Support Options
- Optimized Crystal Support Structure for any Shock & Vibration Requirements
- Screening / Testing including Industry Standard and Military Specifications
- · Normal and Accelerated Pre-Aging
- . Optional Customer Defined Formatted Test Data

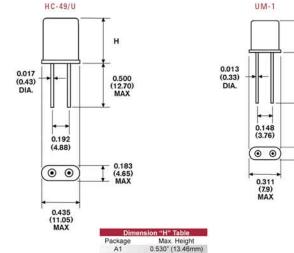
Our rich and vast experience in high-temperature manufacturing processes and unique design capabilities are available to customers that are focused on pushing the high-temperature tools price/performance envelope.





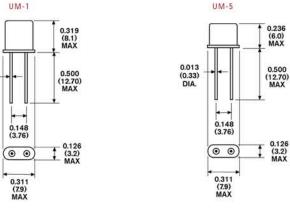






0.456" (11.58mm)

0.387" (9.83mm)



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