MtronPTI®

Your Destination for RF Components and Solutions

INSTRUMENTATION & INDUSTRIAL APPLICATIONS

CRYSTALS, OSCILLATORS, FILTERS & INTEGRATED ASSEMBLIES

SHORT FORM
CATALOG

MtronPTI®

A REPUTATION OF RELIABILITY AND PERFOMANCE

MISSION PROVEN FILTERS, CRYSTALS AND OSCILLATORS FOR OVER 55 YEARS

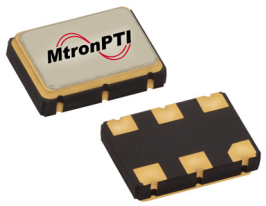
MtronPTI is a proven market leader for filter products and tight stability, low phase noise and low aging crystals and oscillators. As a fully integrated design and manufacturing organization, MtronPTI has an established team and track record to meet instrumentation and industrial applications requirements.

OUR CUSTOMERS

Keysight Technologies
National Instruments
GoWell International
Vega Grieshaber KG
Viavi Solutions Inc.
NCR Corporation
Landis + Gyr
Siemens
Resideo
Anritsu

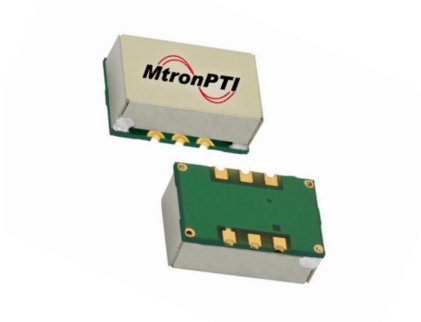
OUR INSTRUMENTATION & INDUSTRIAL ADVANTAGE

MtronPTI offers standard and custom products that meet flexibility, performance and reliability requirements for all instrumentation and industrial application needs.



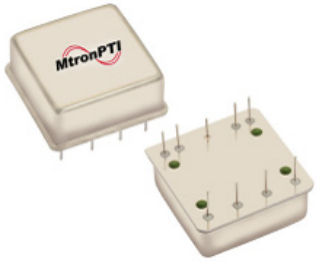
CAPABILITIES

- Ultra-low phase noise, tight stability OCXO with an integrated PLL in a small package
- Wide operating temperature, +200° C for downhole applications
- Wash proof surface mount LC filters
- Low intermodulation performance
- Very low insertion loss
- Low phase noise, tight stability and low aging TCXOs
- Support all standard output types, voltage, and packages



PRODUCT LINES

- Tight stability, low phase noise and low G-sensitivity OCXOs up to 6 GHz
- LC filters to 6 GHz
- PLL integrated oscillators
- Cavity / Waveguide filters to 30 GHz
- Planar Filters from 1.5 GHz to 20 GHz
- Low phase noise VCXO
- TCXOs up to 1.4GHz
- Low phase noise and small packaged oscillators



WE KNOW INSTRUMENTATION & INDUSTRIAL

MtronPTI®
Your Destination for RF Components and Solutions

Our expert team of Engineers, Assemblers and Testers know the demands of instrumentation and industrial applications and the discipline required to deliver high performance and highly reliable products.

IN HOUSE TESTING

- Fine Leak Testing - Helium per MIL-STD-202, Method 112
- Gross Leak Testing per MIL-STD-202, Method 112
- Random Vibration per MIL-STD-202, Method 214A
- Sinusoidal Vibration per MIL-STD-202, Method 201 and 204
- Mechanical Shock per MIL-STD-202, Method 213
- Thermal Shock per MIL-STD-202, Method 107
- Terminal Strength per MIL-STD-202, Method 211
- PIND (Particle Impact Noise Detection) per MIL-STD-202, Method 217
- Other Miscellaneous Testing including: Life, Immersion, Humidity, Barometric Pressure, Solderability
- Dielectric Withstanding Voltage, Insulation Resistance

PRODUCTION CAPABILITIES

- Low Phase Noise Testing
- Aluminum wire bonding
- In-house Crystal Processing
- World-class FOD Control
- Laser Weld

WORKMANSHIP STANDARDS

- In-house J-STD-001 Certified Trainer
- J-STD-001 Class 2 & 3

FULL DC and RF TESTING

- RF Testing 100 kHz to 40 GHz
- In-house Power Testing

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