



Services:

- Mil-Standard
- Custom Products
- Quality Certifications
- Environmental Testing
- RF Testing Capabilities
- Special Testing Capabilities

Johanson provides both Mil-Standard screening and COTS Ceramic Chip Capacitors, RF Passives, RF Inductors to High-Reliability applications globally.

In addition to manufacturing, our Camarillo facility has a complete High-Reliability department with in-house testing capabilities.

Analytical Testing:

- XRF Analysis
- SEM Inspection
- Solderability Testing
- Radiographic Inspection
- Destructive Physical Analysis (DPA)
- Acoustic Microscopy (Sonoscan) Inspection

Electrical & Mechanical Inspections:

- Hot IR Testing
- Full Data on Serialized Units
- Temperature Voltage Coefficient (TVC)
- Temperature Capacitance Coefficient (TCC)
- 100% Visual Inspection (Mil 883 Class K or S Options)
- 100% Electrical TesCap, DF, IR, DWV, Voltage Breakdown

RF & Microwave Testing Expertise:

- Vector Network Analyzer (VNA) Measurements
- Resonant Line Measurements for ESR at frequency

Modeling Software:

- Avago App CAD
- JTISoft

Designer Guides:

- S-Parameter Files
- AWR MWO
- Eagleware Gensys
- Keysight ADS
- Modelithics Microwave Global Models

Environmental Testing:

- Steam Age
- Life Testing
- Bend Testing
- Humidity Testing
- Wire Bond Testing
- Moisture Resistance
- Temperature Cycling
- HALT / HASS Testing
- Thermal Shock Testing
- Shock / Vibration Testing
- Resistance to Solder Heat
- Shear Test / Bond Pull Test
- Burn In / Voltage Conditioning
- Class H, K or S Element Evaluation

RESOURCE ► Contact Our Engineers for Your High-Reliability Requirements:

<https://www.johansontechnology.com/ask-a-question>

Military Aerospace High-Reliability:

<https://www.johansontechnology.com/products/military-aerospace-high-reliability/>