

**Services:**

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

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

**Electrical & Mechanical Inspections**

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

**RF & Microwave Testing Expertise**

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

**Simulation Software and Designer Libraries****Environmental Testing**

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

**CONTACT OUR ENGINEERS  
FOR YOUR HIGH-RELIABILITY REQUIREMENTS**

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