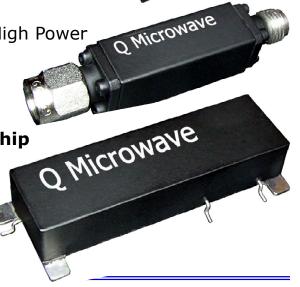


- Frequency Ranges from 20 MHz to 20+ GHz
- Lumped Element, Combline Cavity, & Ceramic Resonator Designs
 - Qualified Lumped Element Designs 885 MHz to 7 GHz
 - Qualified Combline Cavity Designs 7 GHz to 17 GHz
- Custom Packaging Solutions
 - Hermetic & Non-Hermetic Packaging
 - Formed Lead, Micro-Strip, Surface Mount, & SMA / SMP Connector Interfaces
- Specialized Testing Capability
 - Phase & Amplitude Matching, Phase Noise, High Power
- Dedicated Program Management
- Segregated Hi-Rel Production Lab
- J-STD-001E S-Level Compliant Workmanship
- Reliability IAW MIL-HDBK-217F
- Full Environmental Screening
 IAW MIL-PRF-38534 / MIL-STD-883



∂ WictoMa∧s

Mickomane

AS 9100C & ISO-9001:2008 Certified

- Documented Quality System & Manual
- Formal Failure Analysis, & Closed Loop Corrective Action Systems
- Ongoing Integrated Training Programs (J-STD-001 Certified)

Micro-Strip / Formed Lead / Surface Mount Interfaces

Q, Impedance, and Phase & Amplitude Matching

Tuning for Improved Filter Performance within Customer Circuit,

= "Drop-in", Integration - Ready Product

Hermetic & Non-Hermetic Packaging

- Solder (Indium / Sn62 / Sn96) Sealing
- Seam Sealing
- Laser Sealing
- Fine & Gross Seal Testing IAW MIL-STD-202, Method 112, Conditions C & D

Drawing from Established & Existing Expertise (50+ Years RF Design Experience), Adding those Features Unique to Hi-Rel Applications

- Processes Identification, Control, & Approval
- Complete Parts, Materials, & Documentation Traceability
- XRF Screening for Prohibited Materials (Sn / Cd / Zn)
- Qualification Testing IAW MIL-PRF-38534, Class K (Tailored to Passive Devices)
- Deliverable Data Requirements & Long Term Records Storage

Dedicated Program Management, 30+ Years Experience in Hi-Rel / Space-Borne Applications

Parts & Materials Control

- All Parts & Materials Traceable to Manufacturer Documentation
- All Non-Metallic Materials Selected from NASA Preferred Low-Outgassing Database
- Single Layer Parallel Plate Capacitive Substrates Standardized & Procured to MIL-PRF
 -38534, C.3.7 Tailored