

ELECTRONIC PACKAGING & FEEDTHRUS

Fabrication of Electronic Packages

Now you can turn the total production of your component packages over to Litron. We will machine and plate the housings, install feedthrus, ship them to you for population with microelectronic components, manufacture the lids and seal your packages with Litron's precision laser welding.

Precision Feedthru Placement and Testing

Following your specifications for leads, connectors and solder preforms, Litron will insert the feedthrus, ready for you to populate the enclosures with your components.

Production Services

- Complete computerized drawing, programming, cost estimating and CNC machining control
- All housings assembled using QQ-S-571E solders
- Machining of both packaging and lids
- Highest Quality Gold Plating
- Soldered Feedthrus
- Laser Welded Connectors
- Final Cleaning Process done with Vapor Degreaser
- Thermal Shock Testing

Testing and Compliance

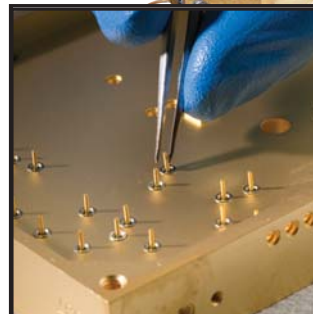
- Leak testing per MIL-PRF-38534E
- MIL-STD-883
- Metallographic weld analysis
- MIL-I-45208A, MIL-STD-45662 and MIL-Q-9858A

Packaging Materials Used

- Kovar
- Cold-Rolled Steel
- Copper
- Titanium
- Aluminum
- Stainless Steel
- Brass
- Phosphor Bronze

Machining Equipment

- Vapor Degreaser
- CNC Machining Stations
- BTU Reflow Oven
- Thermal Shocker for Environmental Testing



L I T R O N

1-866-LITRON-1

ISO 9001:2008 CERTIFIED

www.litron.com