
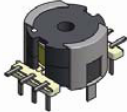
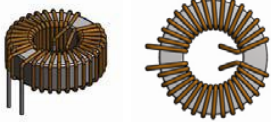
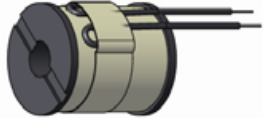





## Space Application Examples

Application	Product Type	Pictures
<b>“MAVEN”</b> Mars Atmosphere & Volatile Evolution	Complex custom transformer	
<b>“LADEE”</b> Lunar Atmosphere & Dust Explorer	Pot Core Transformer	
<b>“GOES”</b> Geostationary Operational Environmental Satellites	Common Mode Choke	
<b>“TSIS”</b> Total Solar Irradiance Sensor	Valve coil that opens the camera door to view the sun.	
<b>“ORION”</b> Shuttle Replacement	MLP5025T & MLRF0603	

### Gowanda Design Focus:

- Mil-STD-981
- Provides uniform requirements for RF and power devices that are used in critical space applications and mission-essential ground support applications.
- The specific or applicable requirements are determined by the Customer and Gowanda Engineering.
- Gowanda Engineering compiles the acceptance test plan and procedures in conformance with Mil-Std-981 and submits for customer approval.
- The part specification can be initiated by Gowanda and customer approved, or the customer can control with their document.

### Gowanda Advantages:

- NASA Standard 8739.3 w/change 5, Level B solder instructor
- Gowanda designs application specific inductors and transformers to meet your needs.
- Vertically integrated: Build most tooling, build or modify our own coilforms and mold application specific base designs.
- Environmental Lab in house to support design of testing.
- Cap material is the material that covers the top of each part to make it easier to pick and place parts. This material is tested and meets the out gassing requirements of ASTM E 595.
- AS9100 Quality System
- Large offering of QPL products
- Mil-Prf-27 /367, /368, /369, /370, /371, Gowanda is the only approved source for its T-level product