



Military Application Examples

Application	Product Type	Pictures	Gowanda Advantages
Military Systems	ER MLRF MLP T- level Approvals.		<ul style="list-style-type: none"> Multiple components with DLA approval. Robust design characteristics. Vertically integrated: Build most tooling, build or modify our own coil forms and mold application specific base designs.
Military Radio's	Custom RF transformers, surface mount conversions and Directional Couplers.		<ul style="list-style-type: none"> Application specific designs can be made in multiple configurations for SMD or thru hole applications. Specialty designed cap and insert so that component can be bolted to PCB. Specially designed for high vibration environment
Military Radio's and guidance systems	Air core springs.		<ul style="list-style-type: none"> Surface mount cap has excellent chemical resistance and is securely bonded to wire. Specialty metals winding capabilities.
Military Generators	Ruggedized Chokes up to 84 amps RMS.		<ul style="list-style-type: none"> Robust design. High current options and specialty windings designs available.
Military Flight Systems	Custom transformers and power chokes and Baluns.		<ul style="list-style-type: none"> Robust design. Application specific designs can be made in multiple configurations for SMD or thru hole applications.

Gowanda Design Focus:

- Common Mode Chokes: Potted, radial, surface mount.
- RF Inductors: Surface mount, axial leaded, shielded, wire wound chips, air coils.
- Power inductors: Surface mount, axial leaded, toroidal, high current drum core.

Gowanda Advantages:

- Environmental Lab Services available to support Mil standard approvals and specialty testing.
- High reliability products.
- Mil-PRF-83446 /4, /31, /32, /33, /36, /37, /39
- Mil-Prf-27 /367, /368, /369, /370, /371, Gowanda is the approved source for T-level product on 368, /370, /371
- Mil-Prf-39010 /1, /2, /3, /4, /5, /6, /7, /8, /9, /10
- Cap material is the material that covers the top of each part to make it easier to pick and place parts. It is tested and meets the out gassing requirements of ASTM E 595.
- AS9100 Quality System