



Transformer and Power Examples

Application	Product Type	Pictures	Gowanda Advantages
Space Explorer and Satellite applications	Complex custom transformer Pot Core Transformer		<ul style="list-style-type: none"> Robust design characteristics. Internal tooling to create our own coilforms, potting cases or to mold application specific base designs.
Military and service radio's	Custom RF transformers, surface mount conversions		<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
Power Supplies, reduction of AC line interference and DC noise suppression.	Toroids		<ul style="list-style-type: none"> Custom inductance values available Specially designed for high temperature applications Various types available
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.
Flight and Transportation Systems	Custom transformers and power chokes and Baluns.		<ul style="list-style-type: none"> Application specific designs can be made in multiple configurations for SMD or thru hole applications.
Power Inductors, Energy Storage and Power line filtering	SMD, power inductors and chokes		<ul style="list-style-type: none"> Custom values and close tolerances available Various types and lead configurations available

Gowanda Design Focus:

- Power inductors: Surface mount, axial leaded, toroidal, high current drum core.
- Transformers Application specific 0.3W to 1kW.

Gowanda Advantages:

- Application specific toroid designs from -55°C to +260°C
- Epoxy Encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- Winding periphery wrapped to secure winding and lead positioning