

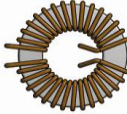







Medical Application Examples

Application	Product Type	Pictures
Implantable Medical	Custom 0603 and 0805 Chips and Oscillator coil (center tapped inductor)	
MRI systems and equipment associated with MRI systems	Wire wound, Non-Magnetic SMG1812, SMG3013, SMG5025, and SMG8527 surface mount, 10MG, and 15MG axial leaded.	
	Wire wound, Non-Magnetic Custom defibrillator transformer.	
	Micro Coax Air Core	
Detection equipment for Nursing Homes	Custom transformers	
Cosmetic Equipment	Custom surface mount SMRF 3013	



Gowanda Advantages:

- Gowanda MG components are used in the medical imaging equipment and equipment that is used in close proximity to MRI equipment. Free of all materials that can be attracted to a magnet. We accomplish this by reading the permeability of the component:
 - Standard Molding Material 1.00018 μ r (relative perm)
 - Material used on our MG's 100003 μ r or less
 - Controlled toroid 1.02764 μ r
- Modular clean room capability

- Medical grade cap material is specifically designed for medical applications and is the material that covers the top of each part to make it easier to pick and place parts.
- Gowanda designs application specific inductors and transformers to meet your needs.
- Ability to process magnet and special metal wire gauges from #10 - #49 AWG
- Our Manufacturing technology group available to produce application specific tooling and equipment for specialized customer product requirements
- ISO 13485 Certified

Gowanda Design Focus:

- Standard off the shelf and application specific designs to meet customers specific requirements