



Microwave / Telecommunication Application

Application	Product Type	Pictures	Gowanda Advantages
Test Equipment	Mostly surface mount SM3, SML32, and SMRF1812, close tolerance, standard tolerance and horizontal SMD bases available		<ul style="list-style-type: none"> Over molding the coil form promotes consistent dimensions for automation. Lead flattening process done in 2 stages to prevent damage to core. Molded flanges promote excellent vertical centering. SMRF1812S Shielded RF Inductors
Transmission Line Simulators	Air Coils and Chip Coils CC0603, CC0805 & CC1008		<ul style="list-style-type: none"> UV Cap has excellent chemical resistance and securely bonded to component. Tested and meets the out gassing requirements of ASTM E 595. Medical grade Gold plated terminal prevents oxidation of nickel and provides excellent solderability. Air coils in various wire types, configurations and SMD cap
High Frequency Amplifiers & Bias T's	Conicals, C050FL, C100SM, C100FL, C225SM, C225FL, and C550FL		<ul style="list-style-type: none"> One piece core & post for consistent mounting. 34° angle for C100SMNL & 100SMNR. 31° angle for C225SM Tested and meets the outgassing requirements of ASTM E 595. Thermal set epoxy mold bases. Gold plated copper wire with nickel barrier.

Gowanda Design Focus:

- RF Inductors: Surface mount, axial leaded, shielded, wire wound chips, air coils.
- High reliability, application specific components

Gowanda Advantages:

- Gowanda designs application specific inductors and transformers to meet your needs.
- Tested and meets the out gassing requirements of ASTM E 595. One piece core & post for consistent mounting.
- Medical grade cap is available.
- Molded flanges protecting coil winding during soldering and excellent vertical centering.
- Vertically integrated: Build most tooling, build or modify our own coil forms and mold application specific base designs.
- Environmentally tested for robustivity
- ISO9001 / AS9100 Quality Systems