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Inductive Technologies -- Capabilities

From Design to High Volume Manufacturing:

- Frequencies from 50/60 Hz up to mid MHz range.
- Plain self-leaded wound cores, Through-hole and Surface Mount (including tape & reel) are available for most products.
- Open coils as well as complicated encapsulations with seal tests and vacuum capabilities.
- We wind on: Toroids, Pot/RS/DS/RM/EP/PQ/E/U/EC/ETD/Bobbin and EI Cores etc.
- Silicon steel, Ferrite, IronPowder, Composite, Nickel, Kool-Mu?, HighFlux and MPP are among the materials used in our process.
- UL recognized Class B and higher temperature class insulation systems available.

TOROID WINDING:

Winding:

- Slider machines
- Belt machines
- Gear-winding
- Minitor winding
- Pull winders

Sizes:

- OD up to 4.00"
- ID from 0.040"
- Wires sizes from 46 AWG up to 12 AWG
- Single wires, as well as multi-flair, litz, and triple insulated wires.

BOBBIN WINDING:

Winding:

- Precision
- High Speed
- Multi Spindle

Sizes:

- Any bobbin type, up to 4" (100 mm)
- Wire sizes from 46 AWG up to 10 AWG
- Line frequency transformers up to 20VA

OTHER PRODUCTS THAT WE MAKE:

- | | | | |
|------------------------------|-------------------------------|--------------------------|--------------------------|
| • SMPS Transformers | • Impedance Matching | • Current Transformers | • Pulse transformers |
| • Variable/Tunable Inductors | • Common Mode Chokes | • Power chokes | • Slug/Hash/rod cores |
| • Toroidal Inductors | • Surface Mount transformers | • Pot Core Inductors | • Flyback transformers |
| • Buck Inductors | • Differential Mode inductors | • Air Coils | • Solenoid Windings |
| • Power transformers <20 VA | • Data Coils | • Isolation Transformers | • Wide Band transformers |

TESTING CAPABILITIES:

- Precision analyzers and testing equipment for the most critical applications.
- Among our instrument line-up is HP, Wayne-Kerr, Fluke, Voltech, and Boonton.
- Our instruments are calibrated and traceable to National Standards.

With our manufacturing facilities in the US and Costa Rica we can meet your fast delivery requirements as well as offer competitive pricing in small to medium volumes.

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