



ISO 9001:2008 CERTIFIED / ITAR REGISTERED

**MANUFACTURER OF ELECTRONIC TRANSFORMERS
CUSTOM DESIGN AND BUILD TO PRINT**

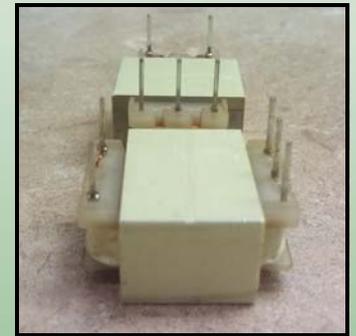
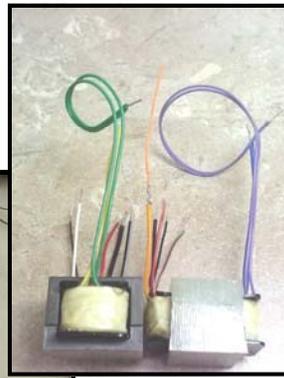
FOR USE IN MILITARY, COMMERCIAL AND AEROSPACE APPLICATIONS



**"WHEN YOU NEEDED IT YESTERDAY"
Contact FUSE Electronics today!**

TRANSFORMERS

- AUDIO
- CHOKES
- CURRENT
- INDUCTORS
- LOAD BOXES
- MAGNETIC AMPLIFIER
- MODULE
- POWER
- PULSE
- RF CHOKE
- SCOTT-T
- STEP UP



TYPICAL MOUNTING TYPES

- Through Hole
- Surface Mount
- Bracket/Channels
- Threaded Studs
- Inserts

TYPICAL TERMINATION TYPES

- Flying Leads
- Pins
- Lugs
- Connectors



LOAD BOXES

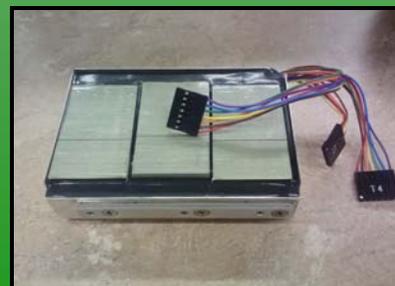
When testing SCOTT-T transformers, or any system which uses synchro or resolver signals, it is desirable to test the system with a load. If the end use device is not available, this can be problematic. Our engineering team has designed a static simulator to use in place of real world loads. Our load boxes can be made to simulate any 2 phase or 3 phase load.

VALUE ADDED TRANSFORMER ASSEMBLIES

We deliver complete assemblies integrated with our magnetic components or with components per your specifications.

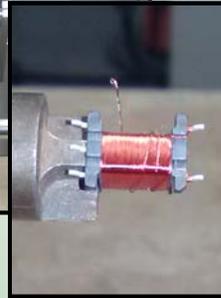
CONTRACT ASSEMBLY AND MANUFACTURING SERVICES AVAILABLE.

REVERSE ENGINEERING SERVICES



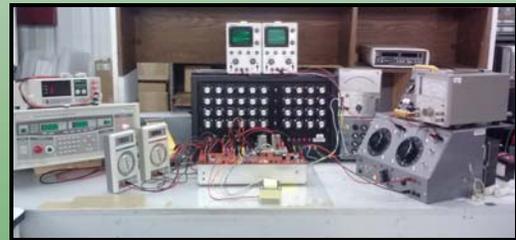
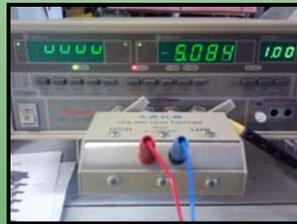
General Capabilities

- Typical transformer size limits: 20 pounds and 1KVA
- Bobbin Winding: #10AWG to #52AWG, Core sizes from EI-094 to EI-3, and all ferrites.
- Toroid Winding from .23" OD to 3"OD
- Soldering to J-STD-001, lead and lead free.
- Finishing: Grades 4, 5, and 6 per MIL-PRF-27
- Low and high volume production
- Machine Shop capabilities available for in-house tooling.



Electrical Testing Capabilities per MIL-PRF-27 and MIL-STD-202

- DC resistance
- Turns Ratio at 60Hz, 400Hz, 1KHz, 2KHz, 2.5KHz, and 5KHz with 1PPM accuracy.
- Insulation Resistance to 5KVDC
- Dielectric Withstand (HIPOT) to 5KVAC
- Inductance to 200KHz
- Exciting current
- Corona



Environmental Testing Capabilities per MIL-PRF-27 and MIL-STD-202

- Thermal Shock: -65°C to + 150°C
- Burn In Testing
- Life Testing
- Marking Permanence
- Solderability
- Other testing available-please inquire





WOMAN-OWNED SMALL BUSINESS



**Patricia
Mancinelli**



**Susanne
Lewis**

Our 30 years of vast experience in the transformer manufacturing business has established our ability to design and manufacture high reliability magnetics at favorable prices and quick turn around.

OUR MISSION:

To achieve total customer satisfaction in quality, delivery and cost through continuous improvement and customer interaction.



ALL PRODUCTS PROUDLY MADE IN THE USA

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