

# Audio Transformer MIL-T-27E High Reliability: "Red Spec" Series

## **SP-51**

#### **Description:**

Triad's high reliability audio transformers provide the durability and precision required in today's demanding designs. These transformers are available for a wide variety of applications.

### **Electrical Specifications (@25C)**

| Power | <b>Matching Impedance</b> |           | Max. Ma DC | DC Resi | Overall   |          |
|-------|---------------------------|-----------|------------|---------|-----------|----------|
| level | Primary                   | Secondary | Unbalance  | D.:     | Secondary | Turns    |
| (mW)  |                           |           | in Primary | Primary |           | Ratio    |
| 50    | 900 CT                    | 600       | 4.0        | 104.0   | 96.0      | 1.22:1.0 |

Operating Temperature: -40C° to 85C°

Storage Temperature: -40C° to 85C°

Humidity: Storage Humidity: 10 to 95% RH, non-condensing

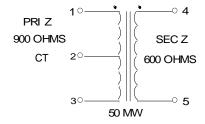
Frequency Response: ± 2.0 DB, at 300 Hz to 100K Hz

Pri-Sec Hipot test (Pri-Sec): 1,000 VRMS for 1 sec.

Working voltage: 150VDC

#### **Construction:**

Plug-in terminals are precision spaced to provide fixed mounting centers. Epoxy molded case includes a .020" recess for ease of solder inspection. Leads are made of high strength Nickel alloy, gold plated and are .020" in diameter.



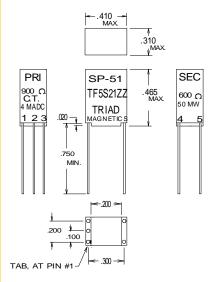
**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version. For soldering and washing information please see http://www.triadmagnetics.com/faq.html

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