

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

### **SP-42**

### **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.

# SP-42 TFSS2!ZZ TRIIAD MAGNETICS

### Electrical Specifications (@25C)

| Power | Matching Impedance |           | Max. Ma DC | DC Resistance (Ω) |           | Overall  |
|-------|--------------------|-----------|------------|-------------------|-----------|----------|
| level | Primary            | Secondary | Unbalance  | Primary           | Secondary | Turns    |
| (mW)  |                    |           | in Primary | Timary            |           | Ratio    |
| 50    | 150 CT             | 12        | 10.0       | 18.0              | 2.7       | 3.54:1.0 |

Frequency Response:  $\pm$  2.0 DB, at 300 Hz to 100K Hz

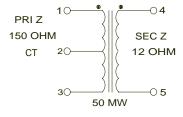
Pri-Sec Hipot test (Pri-Sec): 1,000 VRMS for 1 sec.

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 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

\*Upon printing, this document is considered "uncontrolled". Specifications are subjected to change without notice. Please contact Triad Magnetics' website for the most current version.