

## SP- 70

### 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 level (mW) | Matching Impedance |           | Max. Ma DC Unbalance in Primary | DC Resistance ( $\Omega$ ) |           | Overall Turns Ratio |
|------------------|--------------------|-----------|---------------------------------|----------------------------|-----------|---------------------|
|                  | Primary            | Secondary |                                 | Primary                    | Secondary |                     |
| 50               | 600                | 600       | 3.0                             | 72.0                       | 92.0      | 1.0:1.0             |

**Operating Temperature:** -40C° to 85C°

**Storage Temperature:** -40C° to 85C°

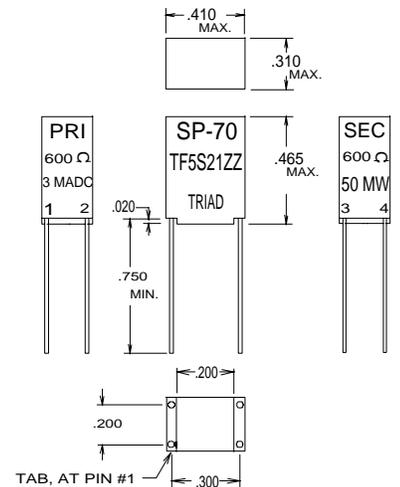
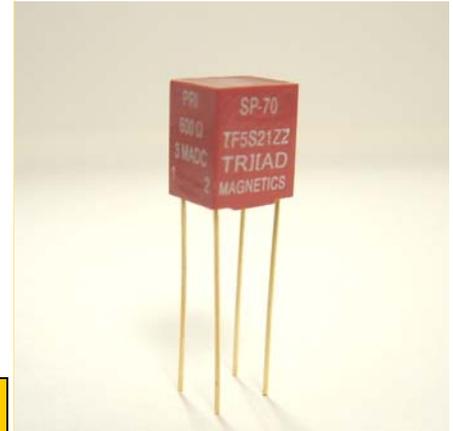
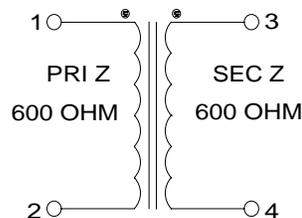
**Frequency Response:**  $\pm 2.0$  DB, at 300 Hz to 100K Hz

**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.