



**Triad Magnetics**

460 Harley Knox Blvd

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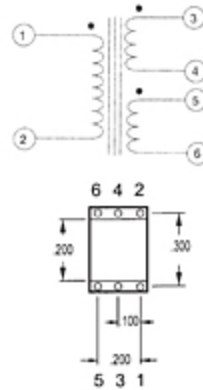
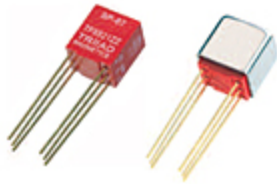
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## Item # SP-69, Mil-T-27E Red Spec Printed Circuit Audio Transformers

Triad 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. The line of Red Spec audio transformers is designed and constructed to meet the rigid requirements of MIL-T-27E. These transformers feature an epoxy molded case, gold plated leads and exceptional operation from 300 Hz to 100 kHz.



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Specifications

**Frequency Response Range** 300 Hz to 100 kHz

**Mil Type Number** TF5S21ZZ

**Power Level** 50 mW

<b>Matching Impedance (Primary)</b>	600 Ohm
<b>Matching Impedance (Secondary)</b>	150 ohm Split Secondary 600 Ohm Center Tap
<b>Max. Primary Unbalanced DC Current</b>	3.0 mA
<b>DC Resistance (Primary)</b>	72.0 Ohm
<b>DC Resistance (Secondary)</b>	45.0 ohm Split Secondary 40.0 Ohm
<b>Overall Turns Ratio</b>	2.0:1.0:1.0
<b>Industry Standards</b>	Mil-T-27E
<b>Transformer Contact Type</b>	Center Tap Split Secondary
<b>Primary Impedance</b>	600 Ohm
<b>Secondary Impedance</b>	150 Ohm 600 Ohm
<b>Features</b>	Epoxy Molded Case Exceptional Operation from 300 Hz to 100 kHz Gold Plated Leads

## Technical Notes

1. Plug-in terminals are precision spaced to provide fixed mounting centers.
2. Red Spec transformers are hi-pot tested at 1,000 VRMS.
3. 150 VDC working voltage.
4. Red Spec transformers feature small footprint base dimensions of 0.310 by 0.410 inch.
5. Pin diameter = 0.020 inch.