

# 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.

## Electrical Specifications (@25C)

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

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

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

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

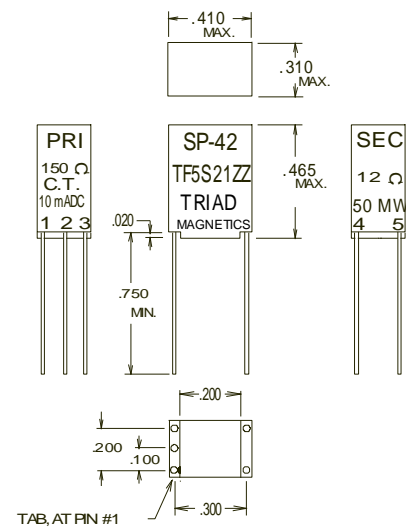
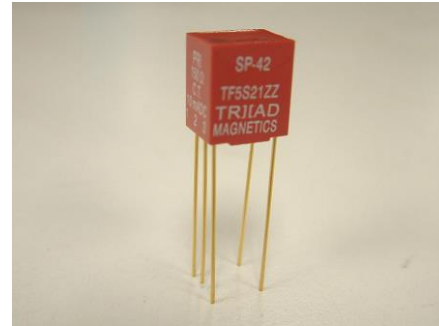
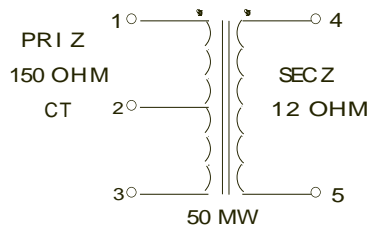
**Frequency Response:** ± 2.0 DB, at 300 Hz to 100K Hz

**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. UL94 V-0 rated 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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