

TRIAD

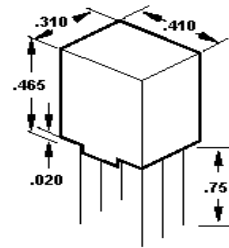
M A G N E T I C S

AUDIO TRANSFORMERS MIL-T-27E

DESCRIPTION : TRIAD high reliability audio transformers from provide the durability & 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 & constructed to meet the rigid requirements of MIL-T-27E. These transformers feature an epoxy molded case, gold plated leads & exceptional operation from 300 Hz to 100 kHz.

SPECIFICATIONS: Frequency Response Ranges: 300 Hz to 100 Hz

80044 REV E



RED SPEC PRINTED CIRCUIT AUDIO TRANSFORMERS

CT=Center Tap S = Split Secondary

TYPE NO.	MIL TYPE NO.	POWER LEVEL IN mW	MATCHING IMPEDANCE		MAX. MA DC UNBALANCED IN PRIMARY	DC RESISTANCE		OVERALL TURNS RATIO	FIGURE NO.
			PRIMARY	SECONDARY		PRIMARY	SECONDARY		
SP-4	TF5S21ZZ	10	200,000 CT	1,000 CT	0	5300.0	100.0	14.1:1.0	3
SP-5	TF5S21ZZ	25	50,000 CT	1,000 CT	0	3,800.0	75.0	7.1:1.0	3
SP-13	TF5S21ZZ	40	25,000 CT/20,000 CT	1,000/800 CT	0.5	1,700.0	115.0	5.0:1.0	3
SP-20	TF5S21ZZ	50	10,000 CT	1,200 CT	1	1,050.0	200.0	2.88:1.0	3
SP-21	TF5S21ZZ	50	10,000 CT	2,000 CT	1	1,050.0	330.0	2.24:1.0	3
SP-22	TF5S21ZZ	50	10,000	2,000 CT/500S	1	1,050.0	146.0/168.0S	4.48:1.0:1.0	4
SP-29	TF5S21ZZ	50	10,000 CT	500 CT	1	1,050.0	80.0	4.47:1.0	3
SP-33	TF5S21ZZ	50	1,000	50	3	145.0	8.0	4.4:1.0	1
SP-42	TF5S21ZZ	50	150 CT	12	10	18.0	2.7	3.54:1.0	2
SP-48	TF5S21ZZ	50	7,500 CT	12	1	796.0	2.9	25.0:1.0	2
SP-49	TF5S21ZZ	50	300 CT	600	7	41.0	98.0	1.0:1.42	2
SP-50	TF5S21ZZ	50	500 CT	600	3	67.0	98.0	1.0:1.1	2
SP-51	TF5S21ZZ	50	900 CT	600	4	104.0	96.0	1.22:1.0	2
SP-52	TF5S21ZZ	50	1,500 CT	600	3	168.0	92.0	1.58:1.0	2
SP-66	TF5S21ZZ	50	10,000 CT	10,000 CT	1	1,000.0	1,300.0	1.0:1.0	3

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			PRIMARY	SECONDARY		PRIMARY	SECONDARY		
SP-67	TF5S21ZZ	50	600 CT	600 CT	3	72.0	92.0	1.0:1.0	3
SP-68	TF5S21ZZ	50	10,000	10,000 CT/2,500S	1	1,000.0	565.0/650.0S	2.1:1.0	4
SP-69	TF5S21ZZ	50	600	600 CT/150S	3	72.0	40.0/45.0S	2.0:1.0:1.0	4
SP-70	TF5S21ZZ	50	600	600	3	72.0	92.0	1.0:1.0	1
SP-128	TF5S20ZZ	-	0.1H	-	5.0	15.0	-	-	5
SP-310	SHIELD ONLY	-	-	-	-	-	-	-	-

CT = Center Tap S = Split Secondary

TECHNICAL NOTES:

1. Plug-in terminals are precision spaced to provide fixed mounting centers.
2. Red Spec transformers are hi-pot tested @ 1,000 VRMS.
3. 150 VDC working voltage
4. Red Spec transformers feature small footprint base dimensions of .310 by .410 inch.
5. "." Refers to polarity
6. Pin numbers are stamped on case.

