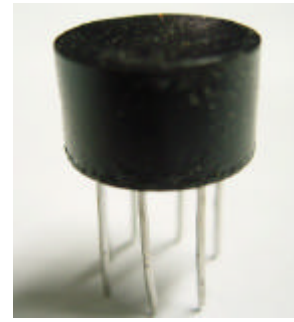


AUDIO TRANSFORMERS

1. Frequency response: 300Hz-75KHz at 1.0 milliwatt.
2. Maximum distortion: 5% at 0.050 W & 300Hz.
3. Weight: 5 grams max.
4. Built in accordance with MIL-PRF-27/357 specification.
5. Designation is TF5S21ZZ for transformers.
6. Dielectric Strength: All units tested at 200V RMS.
7. Insulation Resistance: Greater than 10,000 megaohms at 300VDC.
8. Operating Temperature: -55? to 130? .
9. Terminals: 1.00" +/-0.25" (lead dia 0.016" +/-0.001" for Plug-in).
10. Thermal Shock: 25 cycles, MIL-STD-202E, Test Method 107, Condition A-1.



Electrical Characteristics:

TABLE I

5T5621- XXX	PRIMARY IMPEDECE (OMHS)	SECONDARY IMPEDANCE (OMHS) SPLIT WINDINGS		PRIMARY UNBAL DC CURRENT (mA)	PRIMARY DC RESISTANCE (OHMS)	SECONDARY DC RESISTANCE (OHMS) Max		TURNS RATIO PRI/SEC		CIRCUIT DIAGRAM CONFIGURATION
		SERIES CONNECTION	PARALLEL CONNECTION			SERIES CONNECTION	PARALLEL CONNECTION	SECONDARY SERIES CONNECTION	SECONDARY PARALLEL CONNECTION	
002	20CT	20CT	5	30.0	2	2.8	0.7	1:1	2:1	A
003	32CT	32CT	8	23.0	3.3	4.5	1.13	1:1	2:1	A
004	40CT	40CT	10	21.0	3.7	5	1.25	1:1	2:1	A
005	48CT	16CT	4	19.0	3.75	3	0.75	1.73:1	3.46:1	A
006	50CT	50CT	12.5	19.0	5	7	1.75	1:1	2:1	A
007	80CT	32CT	8	15.0	7.6	4.3	1.13	1.58:1	3.16:1	A
008	100CT	40CT	10	13.0	10.8	5	1.25	1.58:1	3.16:1	A
009	100CT	100CT	25	13.0	10.8	12	3	1:1	2:1	A
010	120CT	12.8CT	3.2	12.0	9.3	2.2	0.55	3.06:1	6.12:1	A
011	120CT	60CT	15	12.0	9	7.2	1.8	1.41:1	2.83:1	A
012	120CT	120CT	30	12.0	11.6	13	3.3	1:1	2:1	A
013	150CT	12CT	3	11.0	11.2	2.2	0.55	3.54:1	7.08:1	A
014	150CT	50CT	12.5	11.0	13	6.8	1.7	1.73:1	3.46:1	A
015	150CT	100CT	25	11.0	13	11.8	3	1.22:1	2.45:1	A
016	150CT	150CT	37.5	11.0	13	18.3	4.6	1:1	2:1	A
017	150CT	600CT	150	11.0	13	75	19	1:2	1:1	A
018	200CT	200CT	50	10.0	19	21.3	5.4	1:1	2:1	A
019	300CT	12CT	3	8.0	24	1.7	.43	5:1	10:1	A
020	300CT	50CT	12.5	8.0	30	6.8	1.7	2.45:1	4.9:1	A
021	300CT	150CT	37.5	8.0	30	18	4.6	1.41:1	2.83:1	A
022	300CT	300CT	75	8.0	30	34	8.5	1:1	2:1	A
023	300CT	600CT	150	7.5	30	60	15	1.1:4:1	1.41:1	A
024	320CT	12.8CT	3.2	7.0	31	1.7	.43	5:1	10:1	A
025	400CT	40CT	10	7.0	41	4.5	1.13	3.16:1	6.23:1	A
026	400CT	120CT	30	7.0	41	12	3	1.83:1	3.65:1	A
027	400CT	200CT	50	7.0	41	21.3	5.4	1.41:1	2.83:1	A
028	400CT	400CT	100	7.0	41	37.5	9.4	1:1	2:1	A
029	400CT	1000CT	250	7.0	41	96	24	1:1.58	1.26:1	A
030	400CT	2000CT	500	7.0	41	212	53	1:2.24	1:1.12	A
031	400CT	4000CT	1000	7.0	41	375	94	1:3.16	1:1.58	A
032	500CT	12.8CT	3.2	6.0	48	1.7	.43	6.25:1	12.5:1	A
033	500CT	16CT	4	6.0	48	1.9	.5	5.6:1	11.2:1	A
034	500CT	50CT	12.5	6.0	39	6.8	1.7	3.16:1	6.32:1	A
035	500CT	150CT	37.5	6.0	48	18	4.6	1.83:1	3.65:1	A
036	500CT	500CT	125	6.0	48	54	13.5	1:1	2:1	A
037	500CT	500CT	---	6.0	48	68	---	1:1	---	B*
038	500CT	600CT	150	6.0	48	59	15	1:1.1	1.83:1	A
039	600CT	12.8CT	3.2	5.5	53	1.7	.43	6.85:1	13.7:1	A
040	600CT	30CT	7.5	5.5	53	4.2	1.1	4.47:1	8.94:1	A

TABLE I Continued...

5T5621- XXX	PRIMARY IMPEDENCE (OMHS)	SECONDARY IMPEDANCE (OMHS) SPLIT WINDINGS		PRIMARY UNBAL DC CURRENT (mA)	PRIMARY DC RESISTANCE (OHMS)	SECONDARY DC RESISTANCE (OHMS) Max		TURNS RATIO PRI/SEC		CIRCUIT DIAGRAM CONFIGURATION
		SERIES CONNECTION	PARALLEL CONNECTION			SERIES CONNECTION	PARALLEL CONNECTION	SECONDARY SERIES CONNECTION	SECONDARY PARALLEL CONNECTION	
041	600CT	48CT	12	5.5	53	6.8	1.7	3.54:1	7.07:1	A
042	600CT	200CT	50	5.5	53	21.3	5.3	1.73:1	3.46:1	A
043	600CT	600CT	150	5.5	57	79	20	1:1	2:1	A
044	600CT	600CT	---	5.5	53	75	---	1:1	---	B*
045	600CT	1200CT	300	5.5	53	105	26	1.14:1	1.41:1	A
046	640CT	12.8CT	3.2	5.5	66	1.7	.43	7.07:1	14.14:1	A
047	700CT	100CT	25	5.0	69	12	3	2.65:1	5.29:1	A
048	800CT	12.8CT	3.2	5.0	75	1.7	.43	7.9:1	15.8:1	A
049	800CT	48CT	12	5.0	75	6.8	1.7	4.08:1	8.16:1	A
050	800CT	800CT	200	5.0	75	105	26	1:1	2:1	A
051	900CT	600CT	150	4.5	79	75	19	1.22:1	2.45:1	A
052	1000CT	12CT	3	4.5	103	1.6	.4	9.13:1	18.3:1	A
053	1000CT	50CT	12.5	4.5	103	6.4	1.5	4.47:1	8.94:1	A
054	1000CT	1000CT	250	4.5	103	115	29	1:1	2:1	A
055	1060CT	12.8CT	3.2	4.0	108	1.7	.43	9.1:1	18.2:1	A
056	1200CT	12.8CT	3.2	4.0	113	1.7	.43	9.68:1	19.4:1	A
057	1200CT	500CT	125	4.0	113	54	13.5	1.55:1	3.1:1	A
058	1200CT	1200CT	300	4.0	113	126	31.6	1:1	2:1	A
059	1200CT	1200CT	---	4.0	111	125	---	1:1	---	B*
060	1500CT	12CT	3	3.5	126	1.6	.4	11.2:1	22.4:1	A
061	1500CT	500CT	126	3.5	126	68	17	1.73:1	3.46:1	A
062	1500CT	600CT	---	3.5	126	94	---	1.58:1	---	B*
063	1500CT	1500CT	---	3.5	126	176	---	1:1	---	B*
064	1600CT	12.8CT	3.2	3.5	130	1.7	.43	11.2:1	22.4:1	A
065	2000CT	8CT	2	3.0	210	1.2	.3	15.8:1	31.6:1	A
066	2000CT	2000CT	500	3.0	198	218	55	1:1	2:1	A
067	2000CT	2000CT	---	3.0	198	218	---	1:1	---	B*
068	2000CT	8000CT	2000	3.0	198	850	213	1:2	1:1	A
069	2500CT	2500CT	625	2.5	220	305	76	1:1	2:1	A
070	3000CT	3000CT	750	2.5	243	335	84	1:1	2:1	A
071	3000CT	3000CT	---	2.5	304	335	---	1:1	---	B*
072	3600CT	3600CT	900	2.5	330	366	92	1:1	2:1	A
073	4000CT	16CT	4	2.0	350	3	.75	15.8:1	31.6:1	A
074	4000CT	600CT	150	2.0	350	76	19	2.58:1	5.16:1	A
075	4000CT	1000CT	250	2.0	350	115	29	2:1	4:1	A
076	4000CT	8000CT	---	2.0	350	1062	---	1:1.41	---	B*
077	5000CT	500CT	125	2.0	350	67	17	3.16:1	6.23:1	A
078	5000CT	5000CT	1250	2.0	390	538	135	1:1	2:1	A
079	7500CT	50CT	12.5	1.5	600	7	1.75	12.2:1	24.5:1	A
080	7500CT	100CT	25	1.5	600	12	3	8.66:1	17.3:1	A
081	7500CT	600CT	150	1.5	600	78	19.5	3.54:1	7.07:1	A
082	7500CT	2500CT	625	1.5	600	305	77	1.73:1	3.46:1	A
083	7500CT	7500CT	---	1.5	750	88	---	1:1	---	B*
084	8000CT	12.8CT	3.2	1.5	750	1.7	.43	25:1	50:1	A
085	8000CT	1000CT	250	1.5	750	115	29	2.83:1	5.66:1	A
086	8000CT	1200CT	---	1.5	750	158	---	2.58:1	---	B*
087	9000CT	9000CT	---	1.4	796	110	---	1:1	---	B*
088	10,000CT	12.8CT	3.2	1.4	1048	1.7	.43	28:1	56:1	A
089	10,000CT	16CT	4	1.4	1048	3	.75	25:1	50:1	A
090	10,000CT	100CT	25	1.4	839	12	3	10:1	20:1	A

TABLE I Continued...

5T5621-XXX	PRIMARY IMPEDENCE (OMHS)	SECONDARY IMPEDANCE (OMHS) SPLIT WINDINGS		PRIMARY UNBAL DC CURRENT (mA)	PRIMARY DC RESISTANCE (OHMS)	SECONDARY DC RESISTANCE (OHMS) Max		TURNS RATIO PRI/SEC		CIRCUIT DIAGRAM CONFIGURATION
		SERIES CONNECTION	PARALLEL CONNECTION			SERIES CONNECTION	PARALLEL CONNECTION	SECONDARY SERIES CONNECTION	SECONDARY PARALLEL CONNECTION	
091	10,000CT	200CT	50	1.4	839	27	6.7	7.07:1	14.14:1	A
092	10,000CT	500CT	125	1.4	850	67	17	4.47:1	8.94:1	A
093	10,000CT	600CT	150	1.4	850	74	18.5	4.08:1	8.16:1	A
094	10,000CT	1000CT	250	1.4	850	115	29	3.16:1	6.32:1	A
095	10,000CT	1200CT	300	1.4	850	158	39.5	2.89:1	5.77:1	A
096	10,000CT	1500CT	375	1.4	850	177	44	2.58:1	5.16:1	A
097	10,000CT	2000CT	500	1.4	850	255	64	2.24:1	4.47:1	A
098	10,000CT	5000CT	1250	1.4	850	630	158	1.41:1	2.83:1	A
099	10,000CT	7500CT	1875	1.4	850	772	193	1.15:1	2.3:1	A
100	10,000CT	10,000CT	2500	1.4	866	1215	304	1:1	2:1	A
101	10,000CT	10,000CT	---	1.4	1060	1215	---	1:1	---	B*
102	15,000CT	400CT	100	1.0	1305	47	12	6.12:1	12.24:1	A
103	15,000CT	500CT	125	1.0	1305	53	13	5.48:1	10.96:1	A
104	15,000CT	600CT	150	1.0	1305	72.5	18	5:1	10:1	A
105	15,000CT	10,000CT	2500	1.0	1305	1215	304	1.22:1	2.45:1	A
106	15,000CT	15,000CT	---	1.0	1305	1800	---	1:1	---	B*
107	15,000CT	15,000CT	3750	1.0	1305	1800	450	1:1	2:1	A
108	16,000CT	1000CT	250	1.0	1343	115	29	4:1	8:1	A
109	20,000CT	500CT	125	1.0	1560	68	17	6.33:1	12.65:1	A
110	20,000CT	600CT	150	1.0	1560	75	19	5.7:1	11.55:1	A
111	20,000CT	800CT	200	1.0	1560	108	27	5:1	10:1	A
112	20,000CT	1000CT	250	1.0	1560	121	30.5	4.47:1	8.4:1	A
113	20,000CT	5000CT	1250	1.0	1560	672	168	2:1	4:1	A
114	20,000CT	10,000CT	2500	1.0	1560	1520	380	1.41:1	2.83:1	A

* Includes electrostatic shield. Shield terminal shall be 4. Voltage ratio shall be 2 to 1 at 20KHz.

Mechanical Dimensions:

