

MIL-T-27E
SUPPLEMENT 1A
23 July 1985
SUPERSEDING
SUPPLEMENT 1
4 April 1985

MILITARY SPECIFICATION

TRANSFORMERS AND INDUCTORS (AUDIO, POWER, AND HIGH-POWER PULSE), GENERAL SPECIFICATION FOR

This supplement forms a part of Military
Specification MIL-T-27E, dated 4 April 1985.

PART I

MILITARY SPECIFICATION SHEETS

(SEE PART II FOR LISTING OF SPECIFICATION SHEETS ARRANGED BY FUNCTION.)

MIL-T-27/1	- Transformers, Audio Frequency, TF4R21YY and TF4S21YY.
MIL-T-27/2	- Transformers, Audio Frequency, TF4R21YY and TF4S21YY.
MIL-T-27/3	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/4	- Transformer, Audio Frequency, TF4R21AJ002.
MIL-T-27/5	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/6	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/7	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/8	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/9	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/10	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/11	- Transformer, Audio Frequency, TF4R21AJ.
MIL-T-27/18	- Transformer, Power, 5.76 VA, 60 Hz, TF5S03ZZ.
MIL-T-27/19	- Transformer, Power, 52 VA, 60 Hz, TF5S03ZZ.
MIL-T-27/25	- Transformer, Power, Step-Down, 3-Phase, Type TF4S03YY312
MIL-T-27/26	- Transformer, Power, 3.0 Volt-Amperes, 400 Hz, TF5T03ZZ313.
MIL-T-27/27	- Transformer, Power, Step-Down, TF5V03ZZ314
MIL-T-27/29	- Transformer, Audio Frequency, TF5R21ZZ315
MIL-T-27/30	- Transformer, Audio Frequency, TF4R21AJ316.
MIL-T-27/31	- Transformer, Power Step-Up, TF5V03ZZ317.
MIL-T-27/32	- Transformer, Audio Frequency, TF5V21ZZ318.
MIL-T-27/33	- Transformer, Power, Step-Up, TF5S03ZZ319.
MIL-T-27/36	- Transformer, Power, Stepdown and Step-Up, Type TF4R03HA322.
MIL-T-27/37	- Transformers, Power, 1.5 Volt-Amperes, 400 Hz, TF5S03ZZ400 to TF5S03ZZ443, Inclusive.
MIL-T-27/38	- Transformers, Power, 1.5 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF5S03ZZ444 to TF5S03ZZ487, Inclusive.
MIL-T-27/39	- Transformers, Power, 3 Volt-Amperes, 400 Hz, TF5S03ZZ488 to TF5S03ZZ531, Inclusive.
MIL-T-27/40	- Transformers, Power, 3 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF5S03ZZ532 to TF5S03ZZ575, Inclusive.
MIL-T-27/41	- Transformers, Power, 6 Volt-Amperes, 400 Hz, TF5S03ZZ576 to TF5S03ZZ619, Inclusive.
MIL-T-27/42	- Transformers, Power, 6 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF5S03ZZ620 to TF5S03ZZ663, Inclusive.
MIL-T-27/43	- Transformers, Power, 9 Volt-Amperes, 400 Hz, TF5S03ZZ664 to TF5S03ZZ707, Inclusive.
MIL-T-27/44	- Transformers, Power, 16 Volt-Amperes, 400 Hz, TF5S03ZZ708 to TF5S03ZZ751, Inclusive.
MIL-T-27/45	- Transformers, Power, 16 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF5S03ZZ752 to TF5S03ZZ795, Inclusive.
MIL-T-27/46	- Transformers, Power, 25 Volt-Amperes, 400 Hz, TF5S03ZZ796 to TF5S03ZZ839, Inclusive.
MIL-T-27/47	- Transformers, Power, 25 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF5S03ZZ840 to TF5S03ZZ883, Inclusive.
MIL-T-27/48	- Transformer, Power, 1.5 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/49	- Transformers, Power, 1.5 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/50	- Transformers, Power, 3 Volt-Amperes, 400 Hz, TF4S03YY.

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MIL-T-27/51	- Transformers, Power, 3 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/52	- Transformers, Power, 6 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/53	- Transformers, Power, 6 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/54	- Transformer, Power, 9.0 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/55	- Transformers, Power, 16 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/56	- Transformers, Power, 25 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/57	- Transformers, Power, 50 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/58	- Transformers, Power, 75 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/59	- Transformers, Power, 100 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/60	- Transformers, Power, 250 Volt-Amperes, 400 Hz, TF4S03YY.
MIL-T-27/61	- Transformers, Power, 16 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/62	- Transformers, Power, 25 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/63	- Transformers, Power, 50 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/64	- Transformers, Power, 75 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/65	- Transformers, Power, 100 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/66	- Transformers, Power, 250 Volt-Amperes, 400 Hz, Electrostatic Shielded, TF4S03YY.
MIL-T-27/67	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/68	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/69	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/70	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/71	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/72	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/73	- Transformer, Power, Stepdown, TF4R03AG890.
MIL-T-27/74	- Transformer, Audio Frequency, TF4R21AG891.
MIL-T-27/76	- Transformer, Audio Frequency, TF5R21ZZ.
MIL-T-27/77	- Transformer, Power, TF5T03ZZ894.
MIL-T-27/78	- Transformer, Audio Frequency, TF5R21ZZ895.
MIL-T-27/79	- Transformer, Audio Frequency, TF5S21ZZ896.
MIL-T-27/80	- Transformer, Power, Stepdown, TF5R03ZZ897.
MIL-T-27/82	- Transformer, Power, Stepdown, TF5V03ZZ899.
MIL-T-27/83	- Transformer, Power, Stepdown and Step-Up, TF5S03ZZ900.
MIL-T-27/84	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ901.
MIL-T-27/85	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ.
MIL-T-27/86	- Transformers and Inductors, (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ903.
MIL-T-27/88	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ905.
MIL-T-27/89	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5V04ZZ.
MIL-T-27/92	- Transformer, Saturable, TF5S40ZZ909.
MIL-T-27/96	- Transformer, Audio Frequency, Sub-Miniature, TF5R21ZZ915.
MIL-T-27/97	- Transformer, Audio Frequency, Sub-Miniature, TF5R21ZZ916.
MIL-T-27/98	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ.
MIL-T-27/99	- Transformer, Power, Step-Down, TF5S03ZZ918.
MIL-T-27/102	- Transformer, Power, Step-Down TF4R03KA921.
MIL-T-27/103	- Transformers, Audio Frequency, TF5R21ZZ.
MIL-T-27/111	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Audio, Type TF4U20YY930.
MIL-T-27/112	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Audio, Type TF5U20ZZ931.
MIL-T-27/113	- Transformer, Power, Step-Up, TF4R03MA932.
MIL-T-27/117	- Transformer, Power, Stepdown, TF5S03ZZ936.
MIL-T-27/118	- Transformer, Power, Stepdown, TF5S03ZZ937.
MIL-T-27/119	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, Type TF5S04ZZ938.

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MIL-T-27/120	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5S04ZZ939.
MIL-T-27/121	- Transformer, Power, TF5S03ZZ940.
MIL-T-27/122	- Transformer, Saturable, TF4S40ZZ941.
MIL-T-27/123	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5S04ZZ942.
MIL-T-27/124	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, High Q, TF5S20ZZ943.
MIL-T-27/125	- Transformer, Audio Frequency, TF5S21YY944.
MIL-T-27/126	- Transformer, Audio Frequency, TF5S21ZZ945.
MIL-T-27/127	- Transformer, Power, Stepdown, TF5S03ZZ.
MIL-T-27/129	- Transformer, Power, Stepdown, Step-Up, TF5S03ZZ948.
MIL-T-27/131	- Transformer, Power, Stepdown, TF4T03YY950.
MIL-T-27/134	- Transformer, Power, Step-Down, TF5V03ZZ.
MIL-T-27/135	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5T04ZZ954.
MIL-T-27/136	- Transformer, Power, Step-Up, TF5T03ZZ955.
MIL-T-27/137	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5V04ZZ956.
MIL-T-27/138	- Transformer, Power, Step-Down, 3-Phase TF4S03YY.
MIL-T-27/139	- Transformer, Power, 112 VA, Step-Up, TF5S03ZZ.
MIL-T-27/140	- Transformer, Power, Step-Down, TF4S03YY.
MIL-T-27/141	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/142	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Audio Frequency, TF5R20ZZ.
MIL-T-27/144	- Transformers, Audio Frequency, TF5R21ZZ.
MIL-T-27/145	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Variable, High Q, TF4R20YY.
MIL-T-27/146	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, High Q, TF5R20ZZ.
MIL-T-27/147	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio, High Q, TF4R20YY.
MIL-T-27/148	- Transformer, Power, Step-Down, TF4S03HA.
MIL-T-27/149	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/151	- Transformer, Power, Step-Down, TF4S03KB.
MIL-T-27/153	- Transformer, Power, Step-Down, TF4S03FB.
MIL-T-27/154	- Transformer, Power, Step-Down, TF4S03EB.
MIL-T-27/155	- Transformer, Power, Step-Down, TF4S03EA.
MIL-T-27/156	- Transformer, Power, Step-Down, TF4S03AJ.
MIL-T-27/157	- Transformer, Power, Step-Down, TF4S03FA.
MIL-T-27/158	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/159	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/160	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/161	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio Frequency, High Q, TF5R20ZZ.
MIL-T-27/162	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio Frequency, High Q, TF4S20YY.
MIL-T-27/163	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio Frequency, High Q, TF5R20ZZ.
MIL-T-27/164	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, High Q, TF5R20ZZ.
MIL-T-27/165	- Transformers, Audio Frequency, TF5R21ZZ.
MIL-T-27/166	- Transformers, Audio Frequency, TF4R21YY.
MIL-T-27/167	- Transformers, Audio Frequency, TF5R21ZZ.
MIL-T-27/168	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, High Q, TF5R20ZZ.
MIL-T-27/170	- Transformer, Audio Frequency, TF5R21ZZ.
MIL-T-27/171	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF4S04.
MIL-T-27/172	- Transformers, Audio Frequency, Sub-Miniature, TF5R21ZZ.
MIL-T-27/173	- Transformers, Audio Frequency, Micro-Miniature, TF5R21ZZ.
MIL-T-27/174	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF4S04.

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MIL-T-27/175	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Audio Frequency, High Q, TF4R20YY.
MIL-T-27/176	- Transformer, Audio Frequency, TF5R21ZZ.
MIL-T-27/179	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/180	- Transformer, Power, Step-Down, TF4S03FA.
MIL-T-27/181	- Transformer, Power, Step-Down and Step-Up, TF4S03FA.
MIL-T-27/183	- Transformer, Power, Step-Down and Step-Up, TF4S03JA.
MIL-T-27/184	- Transformer, Power, Step-Down, TF4S03AH.
MIL-T-27/185	- Transformer, (Chopper, Input), TF4R21YY.
MIL-T-27/187	- Transformer, Power, Step-Down, Autotransformer, TF5T03ZZ.
MIL-T-27/188	- Transformer, Power, Step-Up, TF5S03ZZ.
MIL-T-27/189	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/190	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/191	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/192	- Transformer, Power, Stepdown, TF5S03ZZ.
MIL-T-27/193	- Transformers, Power, Stepdown, TF5S03ZZ and TF5T03ZZ.
MIL-T-27/194	- Transformer, Power, Stepdown and Step-Up, TF5S03ZZ and TF5T03ZZ.
MIL-T-27/195	- Transformer, Power, Stepdown, TF5S03ZZ.
MIL-T-27/197	- Transformer, Audio Frequency, TF4R21YY.
MIL-T-27/199	- Transformer, Power, Step-Up and Step-Down, Electrostatically Shielded, TF5T03ZZ.
MIL-T-27/200	- Transformer, Audio Frequency, TF4R21YY.
MIL-T-27/201	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/202	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/204	- Transformer, Power, Step-Up and Step-Down, TF4U03YY.
MIL-T-27/205	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Audio Frequency, High Q, TF4R20YY.
MIL-T-27/207	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5V04ZZ.
MIL-T-27/208	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/209	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF4R04FA.
MIL-T-27/210	- Transformer, Power, 0.5 VA, TF5T03ZZ.
MIL-T-27/211	- Transformer, Power, 15 VA, TF5T03ZZ.
MIL-T-27/212	- Transformer, Power, 50 VA, TF5T03ZZ.
MIL-T-27/213	- Transformer, Power, Step-Up, 178 Volt-Amperes, TF5T03ZZ.
MIL-T-27/214	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio Frequency, TF5S20ZZ.
MIL-T-27/215	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Audio Frequency, TF5S20ZZ.
MIL-T-27/218	- Transformer, Pulse, High-Power, TF4S36YY.
MIL-T-27/219	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor Charging, TF4S37YY.
MIL-T-27/220	- Transformers, Power, Step-Down TF5T03ZZ.
MIL-T-27/221	- Transformer, Power, Step-Down, TF5T03ZZ.
MIL-T-27/222	- Transformer, Power, Step-Down, TF5T03ZZ.
MIL-T-27/223	- Transformers, Power, Step-Down, TF5T03ZZ.
MIL-T-27/224	- Transformer, Power, Step-Down, TF5T03ZZ.
MIL-T-27/225	- Transformer, Power, Step-Down, TF5T03ZZ.
MIL-T-27/226	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5T04ZZ.
MIL-T-27/227	- Transformer, Power, Step-Down TF5T03ZZ.
MIL-T-27/229	- Transformer and Inductor (Audio, Power, and High-Power Pulse), Inductor, Power, TF5T04ZZ.
MIL-T-27/230	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5T04ZZ.
MIL-T-27/231	- Transformer, Saturable, TF5S40ZZ.
MIL-T-27/232	- Transformer, Saturable, TF5S40ZZ.
MIL-T-27/233	- Transformers, and Inductors (Audio, Power and High-Power Pulse), Inductor, Charging TF5S37ZZ.

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MIL-T-27/234	- Transformers, and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/235	- Transformer, Power, Isolation, Shielded, TF4R03YY.
MIL-T-27/240	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Audio Frequency, High Q, TF5R20ZZ.
MIL-T-27/241	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Audio Frequency, High Q, TF5R20ZZ.
MIL-T-27/247	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/255	- Transformer, Power, Step-Down, TF5T03ZZ.
MIL-T-27/256	- Transformer, Power, Isolation, TF5T03ZZ.
MIL-T-27/259	- Transformers and Inductors, (Audio, Power and High-Power Pulse), Inductor, Power (60 VA) TF5T04ZZ.
MIL-T-27/260	- Transformer, Power, TF5T03ZZ.
MIL-T-27/261	- Transformers and Inductors, (Audio, Power and High-Power Pulse), Inductor, Power (100 VA), TF5T04ZZ.
MIL-T-27/262	- Transformer, Power, Step-Down, TF5V03ZZ.
MIL-T-27/263	- Transformer, Audio Frequency, TF5R21ZZ.
MIL-T-27/265	- Transformer, Power, Step-Up and Step-Down, TF5S03ZZ.
MIL-T-27/266	- Transformer, Power, Step-Up, TF5S03ZZ.
DoD-T-27/267	- Transformer, Power, 7 VA, TF5S03ZZ, METRIC.
MIL-T-27/268	- Transformer, Power, TF4V03JA.
MIL-T-27/269	- Transformer, Power, TF5V03ZZ.
MIL-T-27/270	- Transformer, Power, 0.6 VA, 10/15 kHz, TF5V03ZZ.
DoD-T-27/271	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power (9.6 VA), TF5S04ZZ, METRIC.
DoD-T-27/272	- Transformer, Power, Step-Down, 3-Phase, 50 Hz, TF5S03ZZ, METRIC.
MIL-T-27/275	- Transformer, Power, 30 VA, 400 Hz, TF4S03YY.
MIL-T-27/276	- Transformer, Power, 150 VA, 400 Hz, TF4S03YY.
MIL-T-27/277	- Transformers, Audio Frequency, Sub-Miniature, TF5R21ZZ.
MIL-T-27/279	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF4R03AJ.
MIL-T-27/280	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power TF5S04ZZ.
MIL-T-27/281	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/282	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power, TF5V04ZZ.
MIL-T-27/283	- Transformer, Audio Frequency, TF5S21ZZ.
MIL-T-27/284	- Transformer, Power, Step-Down, TF5V03ZZ and TF5S03ZZ.
MIL-T-27/285	- Transformers and Inductors (Audio, Power, and High Power Pulse), Inductors, Audio Frequency, High Q, TF5R20ZZ.
MIL-T-27/286	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductors, Power, TF5R04ZZ.
MIL-T-27/287	- Transformers and Inductors, (Audio, Power and High-Power Pulse), Inductors, Power, TF5S04ZZ.
MIL-T-27/288	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductors, Power, TF5S04ZZ.
MIL-T-27/289	- Transformers and Inductors, (Audio, Power and High-Power Pulse), Inductors, Power, TF5S04ZZ.
MIL-T-27/290	- Transformer, Audio Frequency, TF5S21ZZ.
MIL-T-27/291	- Transformer, Power, Step-Down, TF5S03ZZ.
MIL-T-27/293	- Transformer, Power, Step-Down, TF5R03ZZ.
MIL-T-27/295	- Transformer, Power Step-Down, TF5R03ZZ.
MIL-T-27/296	- Transformer, Power, Step-Down, TF5V03ZZ.
MIL-T-27/298	- Transformers and Inductors (Audio, Power, and High-Power Pulse), Inductor, Power, TF5R04ZZ.
MIL-T-27/300	- Transformers, Power, Stepdown, TF4R03.
MIL-T-27/301	- Transformers, Power, Stepdown and Stepup, TF4R03.
MIL-T-27/302	- Transformers, Power, Stepup, TF4R03.
MIL-T-27/303	- Transformers and Inductors (Audio, Power and High Power Pulse) Inductor, Power TF5S04ZZ.
MIL-T-27/304	- Transformers and Inductors (Audio, Power and High Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/305	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power TF5S04ZZ.
MIL-T-27/306	- Transformer, Saturable, TF5S40ZZ.
MIL-T-27/307	- Transformer, Audio Frequency, TF4S21AJ.

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MIL-T-27/308	- Transformers and Inductors (Audio, Power and High-Power Pulse), Inductor, Power TF4S04YY.
MIL-T-27/309	- Transformer, Saturable, TF5S40ZZ.
MIL-T-27/310	- Transformers and Inductors (Audio, Power and High Power Pulse), Inductor, Power, TF5S04ZZ.
MIL-T-27/311	- Transformer, Power, Step-Up, TF4V03YY.
MIL-T-27/312	- Transformer, Power 5 VA, 60 Hz, TF4S03YY.
MIL-T-27/313	- Transformer, Power, 10 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/314	- Transformer, Power, 15 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/315	- Transformer, Power, 20 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/316	- Transformer, Power, 30 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/317	- Transformer, Power, 40 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/318	- Transformer, Power, 80 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/319	- Transformer, Power, 120 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/320	- Transformer, Power, 160 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/321	- Transformer, Power, 200 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/322	- Transformer, Power, 300 Volt-Amperes, 60 Hz, TF4S03YY.
MIL-T-27/323	- Transformer, Audio Frequency, Telephone Interconnect, TF5R21ZZ.
MIL-T-27/324	- Transformer, Power, Step-Down, TF5R03ZZ.
MIL-T-27/325	- Transformer, Power, TF5S03ZZ.
MIL-T-27/326	- Transformer, Power, 5 VA, 60 Hz, TF4S03EB.
MIL-T-27/327	- Transformers, Power, 15 VA, 60 Hz, TF4S03FA.
MIL-T-27/328	- Transformers, Power, 30 VA, 60 Hz, TF4S03GA.
MIL-T-27/329	- Transformers, Power, 60 VA, 60 Hz, TF4S03HA.
MIL-T-27/330	- Transformers, Power, 100 VA to 140 VA, 60 Hz, TF4S03JA.
MIL-T-27/331	- Transformers, Power, 160 VA and 170 VA, TF4S03KA.
MIL-T-27/332	- Transformers, Power, 7 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/333	- Transformers, Power, 10 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/334	- Transformers, Power, 25 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/335	- Transformers, Power, 50 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/336	- Transformers, Power, 120 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/337	- Transformers, Power, 150 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/338	- Transformers, Power, 2 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/339	- Transformers, Power, 6 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/340	- Transformers, Power, 15 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/341	- Transformers, Power, 24 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/342	- Transformers, Power, 80 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/343	- Transformers, Power, 175 Voltamperes, 400 Hz, TF5S03ZZ.
MIL-T-27/344	- Transformers, Power, 90 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/345	- Transformers, Power, 120 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/346	- Transformers, Power, 150 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/347	- Transformers, Power, 200 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/348	- Transformers, Power, 270 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/349	- Transformers, Power, 375 Voltamperes, 3-Phase, Type TF5S03YY.
MIL-T-27/350	- Transformers, Power, 15 Volt-Amperes, 400 Hz, TF5S03ZZ.
MIL-T-27/351	- Transformers, Power, 25 Volt-Amperes, 400 Hz, TF5S03ZZ.
MIL-T-27/352	- Transformers, Power, 50 Volt-Amperes, 400 Hz, TF5S03ZZ.
MIL-T-27/353	- Transformers, Power, 75 Volt-Amperes, 400 Hz, TF5S03ZZ.
MIL-T-27/354	- Transformers, Power, 100 Volt-Amperes, 400 Hz, TF5S03ZZ.
MIL-T-27/355	- Transformer, Power, TF5S03ZZ.
MIL-T-27/356	- Transformers and Inductors (Audio, Power and High-Power Pulse) Inductors, Power, TF5S04ZZ.
MIL-T-27/357	- Transformers, Audio Frequency, Ultra-Miniature, TF5R21ZZ.
MIL-T-27/358	- Transformers, Audio Frequency, Sub-Miniature, TF5R21ZZ.
MIL-T-27/359	- Transformers, Audio Frequency, Ultra-Miniature, TF5R21ZZ.
MIL-T-27/360	- Transformers, Power, 15 VA, 60 Hz, Electrostatic Shielded, TF4S03FA.
MIL-T-27/361	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/362	- Transformers, Audio Frequency, TF5S21ZZ.
MIL-T-27/363	- Transformers, Audio Frequency, TF5S21ZZ.

MIL-T-27E
SUPPLEMENT 1A

MILITARY STANDARDS

- * MS16403 - Transformer, Power, Step-Down and Step-Up, Type TF4RX03JB221.
- * MS16450 - Transformer, Power, Step-Down, Type TF4RX02HA203.
- * MS16465 - Inductor, Power, Type TF4RX04FA207.
- * MS16469 - Inductor, Power, Type TF4RX04KB211.
- * MS16471 - Transformer, Power, Step-Down, Type TF4SX01GA209.
- * MS16472 - Transformer, Power, Step-Down, Type TF4SX01FA208.
- * MS16473 - Transformer, Power, Step-Down, Type TF4SX01EA207.
- * MS16474 - Transformer, Power, Step-Down, Type TF4SX01EB206.
- * MS75001 - Inductor, Power, Type TF4RX04MA010.
- * MS75002 - Inductor, Power, Type TF4RX04MA012.
- * MS75003 - Inductor, Power, Type TF4RX04YY013.
- * MS90009 - Inductor, Power, Type TF4R04FA.
- * MS90013 - Inductor, Power, Type TF4RX04HA005.
- * MS90027 - Transformer, Power, Step-Down and Step-Up, Type TF4RX03JB002.

* INACTIVE FOR NEW DESIGN

POWER TRANSFORMERS (SINGLE PHASE)

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts	MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
50/60 Hz					50 to 440 Hz				
151	105/115/210/220	5	10	1	102	120	31.5, 30.6, 22.4 65.4, 112	.8, .7, 1.9, .3, .6	1
326	115	5 to 60 CT (10 to 120 SP)	1 to .08 (.5 to .04)	10	60 Hz				
327	"	"	3 to .24 (1.5 to .12)	10	293	8.15	1.88	.328	1
328	"	"	6 to .48 (3 to .24)	10	295	15	4, 4	.035, .035	1
329	"	"	12 to .96 (6 to .48)	10	296	44, 44	32, 32	.5, .5	1
330	"	"	20 to 2.32 (10 to 1.16)	10	300	105/115/125	2.5	3, 10	3
312	"	5 to 138 CT	1.0 to .036	26	301	"	5 to 900	.15 to 8	3
313	"	5 to 220 CT	2.0 to .045	30	300	"	5	3, 10	3
314	"	5 to 275 CT	3.0 to .055	32	300	"	6.3	2, 5, 10, 20	4
315	"	5 to 350 CT	4.0 to .057	34	36	"	6.3/5, 6.3, 400 CT	2, 3, .07	1
316	"	5 to 486 CT	6.0 to .062	37	302	"	700, 1100, 1600	.25	3
317	"	5 to 486 CT	8.0 to .082	37	127	110	42.4 CT, 7.78	.100, .225	1
318	"	5 to 486 CT	16 to .164	37	181	115	6.3 CT, 450 CT	2, .03	1
319	"	6.3 to 486 CT	19 to .246	36	183	"	6.3, 5.670, 600 CT	5, 2, .15, .165	1
331	"	8 to 60 CT (16 to 120 SP)	20 to 2.82 (10 to 1.41)	8	18	"	48 CT	.12	1
320	"	8.0 to 486 CT	20 to .329	35	140, 141	"	50	2	1, 1
321	"	10 to 486 CT	20 to .411	34	19	"	52 CT	1	1
322	"	16 to 486 CT	18.7 to .618	31	268	"	115	1	1
157	"	8.25 to 13.44	.4, .4	1	113	115, 120, 126, 132	4860 CT	.0283	1
184	"	7.76 to 13.44	.02	1	380 to 1000 Hz				
156	"	8.25 to 13.44	.07	1	202	105/115	6.3 CT	5.5	1
148	"	8.25 to 13.44	1	1	158	105/115	6.3 CT	10	1
154	"	20 CT	.3	1	201	105/115	6.3 CT	25	1
155	"	20 CT	.6	1	400 Hz				
235	"	115	.435 to 8.7	5	27	11.8	6, 6	.0006, .0006	1
153	115/220	6.3 CT	2	1	82	26	3.8 CT	.002	1
360	115	12.6 (series) 6.3 (parallel)	1.19 (series) 2.38 (parallel)	1	33	28	140 CT		1

PART II
TRANSFORMERSMIL-T-27E
SUPPLEMENT 1A

POWER TRANSFORMERS (SINGLE PHASE) - CONTINUED.

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts	MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
400 Hz, continued					400 Hz, continued				
180	57.5, 99.7, 115	12.6, 12.6 CT	2, 2	1	353	115	7 to 115 CT	10 to .65	9
220	107	49 CT, 6.35	.01, 15.9	2	354	"	10 to 115 CT	10 to .87	8
221	"	49 CT, 10, 5.3	.01, .6, 1.63	1	332	"	10 to 120 CT (5 to 60 SP)	.7 to .058 (1.4 to .116)	10
222	"	49 CT, 5.68	.01, 27.8	1	333	"	"	1 to .083 (2 to .166)	10
223	"	49 CT, 5.5, 8.45	.01, 22.5, 16.4	2	334	"	"	2.5 to .208 (5 to .416)	10
224	"	49 CT, 8.24, 5.76	.01, 2.14, 30	1	335	"	"	4 to .41 (8 to .82)	10
131	108, 120, 132	66	1.8	1	336	"	"	12 to 1 (24 to 2)	10
281	110, 115, 120	14.8 CT	4	1	337	"	"	15 to 1.25 (30 to 2.5)	10
325	115	2 to 15	.33 to 2	9	58, 64	"	10 CT to 300 CT	7.5 to .25	38, 38
72	"	3, 3	.006, .006	1	227	"	11.7, 13.1	.05, .1	1
350	"	5 to 115 CT	3 to .13	10	59, 65	"	12 CT to 300 CT	8.33 to .33	36, 36
351	"	"	5 to .21	10	187	"	12.5	11.2	1
352	"	"	10 to .43	10	60, 66	"	26 CT to 300 CT	9.62 to .83	27, 27
338	"	5 to 138 CT	.4 to .014	26	324	"	34.5 CT, 34.5 CT 37.2 CT	.05, .05, .05	1
339	"	5 to 220 CT	1.2 to .027	30	225	"	37 CT	.015	1
340	"	"	3 to .068	30	118	"	40 CT	.078	1
341	"	"	4.8 to 1.09	30	80	"	46 CT, 12	1, .3	1
342	"	"	16 to .364	30	26	"	57.5	.052	1
343	"	"	35 to .79	30	77	"	115	.45	1
275	"	6 CT to 115 CT	5 to .26	35	269	"	115	.5	1
276	"	"	15 to 1.3	58	256	"	129.5	3.2	1
37, 38, 48, 49	"	6 CT to 300 CT	.25 to .005	88, 88, 88, 88	188	"	1000 CT, 650 CT, 1000 CT, 700 CT	.04, .125, .04, .00225	1
39, 40, 50, 51	"	"	.5 to .01	88, 88, 88, 88	129	115, 47, 76, 10	77.5 CT, 168 CT, 66 CT, 10.2, 2	.12, .029, .035, .2, .001	1
41, 42, 52, 53	"	"	1 to .02	88, 88, 88, 88	134	120	28.6	.385	1
43, 54	"	"	1.5 to .03	88, 88	204	120 (380 to 420 Hz)	5, 1100 CT, 980 CT, 6.4	4, .36, .035, 3	1
44, 45, 55, 61	"	"	2.67 to .053	88, 88, 44, 44					
46, 47, 56, 62	"	"	4.17 to .083	88, 88					
57, 63	"	"	8.333 to .167	44, 44					

PART II
TRANSFORMERS - ContinuedMIL-T-27E
SUPPLEMENT 1A

POWER TRANSFORMERS (SINGLE PHASE) - CONTINUED.

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts	MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
400 Hz, continued					3,000 Hz, continued				
210	250	1	.5	1	213	54 CT PEAK	95 to 95 PK, 280 to 320 PK	.2, 1.2	2
211	250	30	.5	1	3,300 Hz				
212	250	250, 25	.2, .01	1	139	83, 102	9300	.01	1
500 Hz					266	83, 92.5, 102	9300	.01	1
262	18	5.5	.253	1	3,700 Hz (sq. wave)				
800 Hz					265	56	9.6, 8, 4250	.5, 2.5, .0015	1
136	.022	8 CT	.01	1	4,000 Hz				
260	21.8 CT	26	3.85	1	311	13	18, 45	.18, .45	1
1,200 Hz					5,000 Hz				
199	48 CT	125.52 CT, 72.72 CT, 37.2 CT	.725, 1.1, 2.1	1	255	56 CT	7 CT	3	1
1,000 Hz					7,700 Hz				
355	28	4.5, 4.5, 4.5	450 micro- amperes	1	195	40	8.1	.04	1
1,500 to 2,000 Hz					194	60	19.5, 14, 62.8, 37.6	.6, .3, .013, .09	2
117	150, 23, 23, (Sq. wave)	23	.6	1	192	60	8.6, 8.6	.3, .006	1
3,000 Hz					8,000 Hz				
99	4.75, 7.125, 14.25 (Sq. wave)	225 mV, 600 mV, 675 mV, 750 mV	.1	1	83	34 CT	33.1 CT, 46 CT, 26.3 CT, 10.9 CT, 22.6 CT	.03, .04, .1, .4, .1	1

PART II
TRANSFORMERS - ContinuedMIL-T-27E
SUPPLEMENT 1A

MIL-T-27E
SUPPLEMENT 1A

PART II

TRANSFORMERS - CONTINUED

POWER TRANSFORMERS (SINGLE PHASE) - CONTINUED.

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
10,000 Hz				
193	50	5, 8.06	.011, .3	2
10,000 to 15,000 Hz				
270	.03	6.1	.195	1
12,500 Hz				
31	3.2	6.4	.002	1
20,000 Hz				
267	13.1 CT	1.85, 9.3, 31.5, 198, 1176	.005, .01, .002, .002, .005	1
291	52	37.5 (8 sep. windings)	.001	1
Miscellaneous (sq. wave)				
121	(1) 150 and 20 5,000 Hz	28 and 28 18 and 18 18 from full wave rectifier	6 and 2 4 and 4 35	1
	(2) .1 @ 60 Hz	1.5	1.5	
	(3) 16 @ 5 kHz	3.16	1	

MIL-T-27E
SUPPLEMENT 1A

PART II

TRANSFORMERS - CONTINUED

POWER TRANSFORMERS (THREE PHASE)

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
50/60 Hz				
272	220	10.95, 10.95, 15.69	.041, 2.04, .163	1
400 Hz				
25	115	42, 42	.9, .9	1
344	115, 200	5 to 200	6 to .15	7
345	"	"	8 to .2	7
346	"	"	10 to .25	7
347	"	"	13.34 to .34	7
348	"	12 to 200	7.5 to .45	6
349	"	12 to 200	10.42 to .63	6
138	226	14	40	1

SATURABLE TRANSFORMERS

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
1,500 Hz				
122	49.5	3.62, 3.62	.362, .071	1
2,500 Hz				
231	39	.5 CT	.100	1
8,000 Hz				
92	42	5.15	.022	1

MIL-T-27E
SUPPLEMENT 1A

PART II

TRANSFORMERS - CONTINUED

SATURABLE TRANSFORMERS - CONTINUED

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
20,000 Hz (sq. wave)				
232	30	---	3	1
306	36	---	1.0	1
309	40 peak	7.6 peak CT	1.0	1

HIGH POWER PULSE TRANSFORMERS

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
218	2100 peak @ 3300 pulses/s	15,000 peak	16 peak	1

AUDIO TRANSFORMERS

MIL-T-27 Specification sheet	Power rating mW (milliwatt)	Frequency range Hz (Hertz)	Primary impedance Ω (ohms)	Secondary impedance Ω (ohms)	Number of parts	MIL-T-27 Specification sheet	Power rating mW (milliwatt)	Frequency range Hz (Hertz)	Primary impedance Ω (ohms)	Secondary impedance Ω (ohms)	Number of parts
30	6	10 to 20 K	50 to 600	50 to 600	1	4	2 W	"	600 CT, 150 SP	16, 8, 4	2
197	4 to 10,000	30 to 20 K	20 to 30 K	4 to 100 K	11	5	15 dBm	"	600 CT, 150 SP	135 KCT	2
359	.07 + 02 W	50 to 30 K	20 to 135,000	2 to 50,000	147	6	15 dBm	"	600 CT, 150 SP	600 CT, 150 SP	2
185 1/	60, 1.6	60 to 400	10 KCT, 2.5 KCT	50 K	1	7	2 W	"	4800, 7600	600 CT, 150 SP	2
67	500	60 to 10 K	250 CT to 10 KCT	4 to 10 KCT	11	8	2 W	"	4800, 7600	16, 8, 4	2
79	6 W	60 to 10 K	10 KCT	600 CT	1	9	2 W	"	15 KCT	600 CT, 150 SP	2
68	500	100 to 8 K	250 CT to 10 KCT	4 to 25 KCT	12	10	1 W	"	24 KCT	600 CT, 150 SP	2
74	10	100 to 10 K	100 K	50 KCT	1	11	500	"	60 KCT	600 CT, 150 SP	2
358	.04 + 01 W	150 to 20 K	20 to 250,000	8 to 80,000	154	200	50, 100	300 to 20 K	125 to 20 K	50 to 5000	4
200	20	150 to 10 K	50	62.5 K	1	76	25 to 100	"	1 KCT to 200 KCT	50 to 12 KCT	7
247	2	200 to 10 K	600 CT to 10 KCT	3.2 to 10 KCT	11	96	100	"	1200	3.2	1
78	631	200 to 15 K	4 KCT	600 CT	1	263	25	"	200 KCT	1 KCT	1
165	10 to 250	200 to 20 K	3.2 to 100 K	3.2 to 100 K	18	290	100	"	1125 CT	9K, 9K	1
69	500	200 to 20 K	250 CT to 25 KCT	4 to 25 KCT	15	172	25 to 500	"	80 to 200 K	3.2 to 20 K	50
70	60 to 150	200 to 50 K 200 to 15 K (for dash no. 01)	600 CT to 100 KCT	4 to 25 KCT	12	167	5 to 2500	"	50 to 200 K	3.2 to 90 K	42
1	2 W	250 to 5 K	600	8	2	361	600	300 to 75 K	150 CT to 15 KCT	150 SP to 10 KSP 600 CT to 10 KCT	10
2	2 W	250 to 5 K	4 K	8	2	71	10 to 30	300 to 100 K	600 CT to 100 KCT	4 to 25 KCT	12
166	3 to 250	50 to 20 K	50 to 20 K	8 to 1 M	19	72	10 to 50	300 to 100 K, 300 to 40 K (for dash no. -01)	600 to 100 K	60 to 10 K	9
170	1	300 to 3400	600	1200 CT	1	173	40 to 80	300 to 250 K	150 to 25 K	12 to 10 K	13
263	15	300 to 4 K	600	600 CT	1	357	.1 to .6 W	300 to 75 K	20 to 100,000	8 to 40,000	141
323	10	300 to 4 K	600 CT, 600 SP	600 CT, 600 SP	4	284	25	360 to 440	200 K	25 K	2
307	7	300 to 4 K	500	600 SP	1	362	100 to 1000	150 to 75 K	150 CT to 100 KCT	150 SP to 10 KSP 600 CT to 10 KCT	12
323	5	300 to 4 K	600	600	1	363	100 to 2000	50 to 30 K	150 CT to 100 KCT	150 SP to 10 KSP 600 CT to 10 KCT	12
200	10 to 100	300 to 10 K	500 to 30 K	50 to 90 K	9						
3	15 dBm	300 to 10 K	10 KCT	22.5 KCT, 90 KCT	2						

1/ Chopper. Audio transformer.

MIL-T-27E
SUPPLEMENT 1A
PART 11
TRANSFORMERS - Continued

MIL-T-27E
SUPPLEMENT 1A

PART II

TRANSFORMERS - CONTINUED

AUDIO TRANSFORMERS - CONTINUED

MIL-T-27 Specification sheet	Power rating mW (milliwatt)	Frequency range Hz (Hertz)	Primary impedance Ω (ohms)	Secondary impedance Ω (ohms)	Number of parts
144	60 to 600	400 to 100 K	80 to 20 K	3.2 to 10 K	22
97	125	"	2000 CT	8000	2
103	50 to 500	"	80 CT to 12.5 KCT	32 SP to 12 KCT	16
277	125	"	150 CT	150 CT	1
176	750	10 K	35	143 CT	1
32	3.6	10 K	200	200	1
125	.001 μ W	10 K to 20 K	15	100 K	1
29	---	18 K	---	---	1
126	3.5 mW	1 M	0	4 K	1

MIL-T-27E
SUPPLEMENT 1A

PART II
INDUCTORS

AUDIO INDUCTORS

MIL-T-27 Specification sheet	Inductance range mH (millihenries)	DC current A (amperes)	DC resistance Ω (ohms)	Number of parts
215	.05 to 4000	.03 to .0007	.64 to 2295	24
214	.05 to 250		1.89 to 435	19
241	.6 to 40 @ 1 kHz	.09 to .011	1.9 to 132	8
146	1 to 100 @ 1 kHz	60 to 6	1.4 to 132	6
240	3 to 120 @ 1 kHz	.05 to .008	4.8 to 186	8
124	5 @ 1 kHz	.028	7	1
145	6 to 1500 @ 1 kHz	.1 to .01	.5 to 141	7
205	7 to 35 K @ 500, 1 kHz	.25 to .003	.6 to 3200	20
142	10 to 2000 @ 1 kHz	.07 to .005	2.5 to 500	7
112	10 @ 400 Hz	.050	.5	1
111	10 @ 400 Hz	.050	.5	1
147	10 to 60 K @ 400, 500 Hz	.4 to .004	.3 to 1670	14
161	50 to 5 K @ 1 kHz	.025 to .003	27 to 2500	10
285	100 to 750 @ 1 kHz	.007 to .0025	70 to 540	6
163	100 to 10 K @ 400 Hz	.06 to .006	4.2 to 440	6
168	100 to 1 K @ 1 kHz	.055 to .016	14 to 130	5

MIL-T-27E
SUPPLEMENT 1A

PART II

INDUCTORS - CONTINUED

AUDIO INDUCTORS - CONTINUED

MIL-T-27 Specification sheet	Inductance range mH (millihenries)	DC current A (amperes)	DC resistance Ω (ohms)	Number of parts
164	150 to 60 K \emptyset 400, 1 kHz	.012 to .0002	33 to 5160	11
175	250 to 2500 K \emptyset 60 Hz	0	5 to 13 K	6
162	500 to 600 K \emptyset 60 Hz	.05 to .0002	21 to 5720	5
145	4000 to 150 K \emptyset 60 Hz	.007 to .0015	360 to 15.6	5
168	2 K to 100 K \emptyset 400 Hz	.008 to .0011	130 to 8550	6

CHARGING INDUCTORS

MIL-T-27 Specification sheet	Inductance range H (henries)	Current rating A (amperes)	DC resistance Ω (ohms)	Number of parts
233	1.2 mH \emptyset 1 kHz	.18	.51	1
219	.2 H \emptyset 1 kHz to 40 kHz	.5	12.3	1

POWER INDUCTORS

MIL-T-27 Specification sheet	Inductance range H (henries)	DC current A (amperes)	DC resistance Ω (ohms)	Number of parts	MIL-T-27 Specification sheet	Inductance range H (henries)	DC current A (amperes)	DC resistance Ω (ohms)	Number of parts
287	8 μ H to 1.25 mH @ 10 kHz	1.2 to 15	.7 to .005	7	286	30 μ H to 5 mH @ 20 kHz	3.0 to .25	.14 to 5.6	8
288	20 μ H to 3 mH @ 10 kHz	1.2 to 15	1.2 to .008	9	271	140 μ H @ 50 Hz	9.6	.028	1
304	22 μ H @ 10 kHz	2.5	.02	1	280	210 μ H @ 1 kHz	0	.025	1
119	25 μ H @ 20 kHz	35	.004	1	190	250 μ H	.75	2	1
230	30 μ H	5	.01	1	271	280 μ H @ 130 kHz	9.6	.028	1
84	40 μ H @ 20 kHz	1.5	.045	1	207	300 μ H to 800 μ H @ 400 Hz	.4 to 2.0	1.0 to .5	3
191	40 μ H to 60 μ H @ 16 kHz	4.8	.03	1	85	370 μ H to 506 μ H @ 10 kHz	1	.07	1
137	48.5 μ H @ 2400 Hz	4.05	.045	1	89	450 μ H, 450 μ H @ 400 Hz	.5, .5	.2, .2	1
208	50 μ H @ 1 kHz	2	.25	1	303	600 μ H @ 1 kHz	2.5	2	1
86	50 μ H @ 10 kHz	.5	.25	1	123	1 mH	3	.124	1
229	60 μ H @ 10 kHz	6	.005	1	234	1 mH @ 1 kHz	1.5	.36	1
135	60 μ H @ 10 kHz	0	.025	1	261	1.35 mH @ 800 Hz	3.85	.2	1
289	60 μ H to 10 mH @ 10 kHz	1.1 to 13.6	2.1 to .014	8	98	1.5 mH @ 1 kHz	2	.41	1
226	62 μ H	16	.005	1	171	1.6 mH to 180 mH (series) .4 mH to 45 mH (parallel) @ 60 Hz	.035 to 30	.52 to .68	8
88	72 μ H @ 10 kHz	1	.3	1	259	2.2 mH @ 800 Hz	2.35	.15	1
137	75 μ H	2.7	.045	1	308	3.7 mH @ 1 kHz	10	.08	1
305	75 μ H @ 1 kHz	8	.025	1	98	3.9 mH @ 1 kHz	0	.41	1
282	80 μ H @ 20 kHz	5	.05	1	356	.040 mH to 20 mH at 10 kHz	3.28 to .06	54 to .04	63
310	100 μ H @ 1 kHz	30	.007	1					
280	115 μ H @ 1 kHz	10	.025	1					
120	120 μ H @ 2.4 kHz	1.5	.0584	1					

PART II
INDUCTORS - ContinuedMIL-T-27E
SUPPLEMENT 1A

MIL-T-27E
SUPPLEMENT 1A

INDUCTORS - CONTINUED

POWER INDUCTORS - CONTINUED

MIL-T-27 Specification sheet	Inductance range H (henries)	DC current A (amperes)	DC resistance Ω (ohms)	Number of parts
160	1 H @ 60 Hz	.2	69	1
179	1 H @ 60 Hz	.325	44	1
159	1.25 H @ 60 Hz	.1	120	1
149	1.5 H @ 60 Hz	.045	225	1
189	1.5 H @ 16 kHz	1.5	1.6	1
279	4 H @ 60 Hz	.08	150	1
209	4 H @ 120 Hz (parallel)	.16	160	1
174	5.5 to 20 H @ 60 Hz	.010 to .40	48 to 925	9
209	16 H @ 120 Hz (series)	.08	645	1
298	25 H @ 60 Hz	.04	600	1

Agent:
DLA - ESPreparing activity:
Army - ER

(Project 5950-0652)