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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, 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, 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, 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, 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.

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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

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POWER TRANSFORMERS (SINGLE PHASE)

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

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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
400 Hz, continued				
180	57.5, 99.7, 115	12.6, 12.6 CT	2, 2	1
220	107	49 CT, 6.35	.01, 15.9	2
221	"	49 CT, 10, 5.3	.01, .6, 1.63	1
222	"	49 CT, 5.68	.01, 27.8	1
223	"	49 CT, 5.5, 8.45	.01, 22.5, 16.4	2
224	"	49 CT, 8.24, 5.76	.01, 2.14, 30	1
131	108,120,132	66	1.8	1
281	110,115,120	14.8 CT	4	1
325	115	2 to 15	.33 to 2	9
7[illegible]	"	3, 3	.006, .006	1
350	"	5 to 115 CT	3 to .13	10
351	"	"	5 to .21	10
352	"	"	10 to .43	10
338	"	5 to 138 CT	.4 to .014	26
339	"	5 to 220 CT	1.2 to .027	30
340	"	"	3 to .068	30
341	"	"	4.8 to 1.09	30
342	"	"	16 to .364	30
343	"	"	35 to .79	30
275	"	6 CT to 115 CT	5 to .26	35
276	"	"	15 to 1.3	58
37,38,48,49	"	6 CT to 300 CT	.25 to .005	88,88, 88,88
39,40,50,51	"	"	.5 to .01	88,88, 88,88
41,42,52,53	"	"	1 to .02	88,88, 88,88
43,54	"	"	1.5 to .03	88,88
44,45,55,61	"	"	2.67 to .053	88,88 44,44
46,47,56,62	"	"	4.17 to .083	88,88 44,44
57,63	"	"	8.333 to .167	44,44

MIL-T-27 Specification sheet	Primary voltage (volts, rms)	Secondary voltage (volts, rms)	Secondary current (amperes, rms)	Number of parts
400 Hz, continued				
353	115	7 to 115 CT	10 to .65	9
354	"	10 to 115 CT	10 to .87	8
332	"	10 to 120 CT (5 to 60 SP)	.7 to .058 (1.4 to .116)	10
333	"	"	1 to .083 (2 to .166)	10
334	"	"	2.5 to .208 (5 to .416)	10
335	"	"	4 to .41 (8 to .82)	10
336	"	"	12 to 1 (24 to 2)	10
337	"	"	15 to 1.25 (30 to 2.5)	10
58,64	"	10 CT to 300 CT	7.5 to .25	38,38
227	"	11.7, 13.1	.05, .1	1
59,65	"	12 CT to 300 CT	8.33 to .33	36,36
187	"	12.5	11.2	1
60,66	"	26 CT to 300 CT	9.62 to .83	27,27
324	"	34.5 CT, 34.5 CT 37.2 CT	.05, .05, .05	1
225	"	37 CT	.015	1
118	"	40 CT	.078	1
80	"	46 CT, 12	1, .3	1
26	"	57.5	.052	1
77	"	115	.45	1
269	"	115	.5	1
256	"	129.5	3.2	1
188	"	1000 CT, 650 CT, 1000 CT, 700 CT	.04, .125, .04, .00225	1
129	115,47,76,10	77.5 CT, 168 CT, 66 CT, 10.2, 2	.12, .029, .035, .2, .001	1
134	120	28.6	.385	1
204	120(380 to 420 Hz)	5, 1100 CT, 980 CT, 6.4	4, .36, .035, 3	1

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

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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	

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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

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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

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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
30	6	10 to 20 K	50 to 600	50 to 600	1
197	4 to 10,000	30 to 20 K	20 to 30 K	4 to 100 K	11
359	.07 * 02 W	50 to 30 K	20 to 135,000	2 to 50,000	147
185 1/	60, 1.6	60 to 400	10 KCT, 2.5 KCT	50 K	1
67	500	60 to 10 K	250 CT to 10 KCT	4 to 10 KCT	11
79	6 W	60 to 10 K	10 KCT	600 CT	1
68	500	100 to 8 K	250 CT to 10 KCT	4 to 25 KCT	12
74	10	100 to 10 K	100 K	50 KCT	1
358	.04 * 01 W	150 to 20 K	20 to 250,000	8 to 80,000	154
200	20	150 to 10 K	50	62.5 K	1
247	2	200 to 10 K	600 CT to 10 KCT	3.2 to 10 KCT	11
78	631	200 to 15 K	4 KCT	600 CT	1
165	10 to 250	200 to 20 K	3.2 to 100 K	3.2 to 100 K	18
69	500	200 to 20 K	250 CT to 25 KCT	4 to 25 KCT	15
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
1	2 W	250 to 5 K	600	8	2
2	2 W	250 to 5 K	4 K	8	2
166	3 to 250	50 to 20 K	50 to 20 K	8 to 1 M	19
170	1	300 to 3400	600	1200 CT	1
263	15	300 to 4 K	600	600 CT	1
323	10	300 to 4 K	600 CT, 600 SP	600 CT, 600 SP	4
307	7	300 to 4 K	600	600 SP	1
323	5	300 to 4 K	600	600	1
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
4	2 W	"	600 CT, 150 SP	16, 8, 4	2
5	15 dBm	"	600 CT, 150 SP	135 KCT	2
6	15 dBm	"	600 CT, 150 SP	600 CT, 150 SP	2
7	2 W	"	4800, 7600	600 CT, 150 SP	2
8	2 W	"	4800, 7600	16, 8, 4	2
9	2 W	"	15 KCT	600 CT, 150 SP	2
10	1 W	"	24 KCT	600 CT, 150 SP	2
11	500	"	60 KCT	600 CT, 150 SP	2
200	50, 100	300 to 20 K	125 to 20 K	50 to 5000	4
76	25 to 100	"	1 KCT to 200 KCT	50 to 12 KCT	7
96	100	"	1200	3.2	1
263	25	"	200 KCT	1 KCT	1
290	100	"	1125 CT	9K, 9K	1
172	25 to 500	"	80 to 200 K	3.2 to 20 K	50
167	5 to 2500	"	50 to 200 K	3.2 to 90 K	42
361	600	300 to 75 K	150 CT to 15 KCT	150 SP to 10 KSP 600 CT to 10 KCT	10
71	10 to 30	300 to 100 K	600 CT to 100 KCT	4 to 25 KCT	12
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
173	40 to 80	300 to 250 K	150 to 25 K	12 to 10 K	13
357	.1 to .6 W	300 to 75 K	20 to 100,000	8 to 40,000	141
284	25	360 to 440	200 K	25 K	2
362	100 to 1000	150 to 75 K	150 CT to 100 KCT	150 SP to 10 KSP 600 CT to 10 KCT	12
363	100 to 2000	50 to 30 K	150 CT to 100 KCT	150 SP to 10 KSP 600 CT to 10 KCT	12

1/ Chopper, Audio transformer.

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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 µW	10 K to 20 K	15	100 K	1
29	---	18 K	---	---	1
126	3.5 mW	1 M	0	4 K	1

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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

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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 @ 400, 1 kHz	.012 to .0002	33 to 5160	11
175	250 to 2500 K @ 60 Hz	0	5 to 13 K	6
162	500 to 600 K @ 60 Hz	.05 to .0002	21 to 5720	5
145	4000 to 150 K @ 60 Hz	.007 to .0015	360 to 15.6	5
168	2 K to 100 K @ 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 @ 1 kHz	.18	.51	1
219	.2 H @ 1 kHz to 40 kHz	.5	12.3	1

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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 µH to 1.25 mH @ 10 kHz	1.2 to 15	.7 to .005	7	286	30 µH to 5 mH @ 20 kHz	3.0 to .25	.14 to 5.6	8
288	20 µH to 3 mH @ 10 kHz	1.2 to 15	1.2 to .008	9	271	140 µH @ 50 Hz	9.6	.028	1
304	22 µH @ 10 kHz	2.5	.02	1	280	210 µH @ 1 kHz	0	.025	1
119	25 µH @ 20 kHz	35	.004	1	190	250 µH	.75	2	1
230	30 µH	5	.01	1	271	280 µH @ 130 kHz	9.6	.028	1
84	40 µH @ 20 kHz	1.5	.045	1	207	300 µH to 800 µH @ 400 Hz	.4 to 2.0	1.0 to .5	3
191	40 µH to 60 µH @ 16 kHz	4.8	.03	1	85	370 µH to 506 µH @ 10 kHz	1	.07	1
137	48.5 µH @ 2400 Hz	4.05	.045	1	89	450 µH, 450 µH @ 400 Hz	.5, .5	.2, .2	1
208	50 µH @ 1 kHz	2	.25	1	303	600 µH @ 1 kHz	2.5	2	1
86	50 µH @ 10 kHz	.5	.25	1	123	1 mH	3	.124	1
229	60 µH @ 10 kHz	6	.005	1	234	1 mH @ 1 kHz	1.5	.36	1
135	60 µH @ 10 kHz	0	.025	1	261	1.35 mH @ 800 Hz	3.85	.2	1
289	60 µH 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 µH	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 µH @ 10 kHz	1	.3	1					
137	75 µH	2.7	.045	1					
305	75 µH @ 1 kHz	8	.025	1	259	2.2 mH @ 800 Hz	2.35	.15	1
282	80 µH @ 20 kHz	5	.05	1	308	3.7 mH @ 1 kHz	10	.08	1
310	100 µH @ 1 kHz	30	.007	1	98	3.9 mH @ 1 kHz	0	.41	1
280	115 µH @ 1 kHz	10	.025	1	356	.040 mH to 20 mH at 10 kHz	3.28 to .06	54 to .04	63
120	120 µH @ 2.4 kHz	1.5	.0584	1					

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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 - ES

Preparing activity:
Army - ER

(Project 5950-0652)