

SYLVANIA TUBES — AVERAGE CHARACTERISTICS

Type	Construction		Emitter		Note (1) (*) Capacitances in μf .			Use	Plate Volts	Negative Grid Volts	Screen Volts	Plate Current Ma.	Screen Current Ma.	Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Ohms Load for Stated Power Output	Power Output Milli-watts	Type	
	Bulb Size or Style	Class	Basing Diag.	Type	Volts	Amps.	Cgp.													Cin.
3CE5	T-5½	Pentode	7BD	Cathode	3.15X	.600	0.030*	6.5*	1.9*	Characteristics Same as Type 6CE5 (3CE5 Designed for Series String TV Receivers). Characteristics Same as Type 6CF6 (3CF6 Designed for Series String TV Receiver).									1,400	3CE5
3CF6	T-5½	Pentode	7CM	Cathode	3.15X	.600	0.030*	6.3*	1.9*	Characteristics Same as Type 6CE5 (3CE5 Designed for Series String TV Receivers). Characteristics Same as Type 6CF6 (3CF6 Designed for Series String TV Receiver).									1,400	3CF6
3CS6	T-5½	Heptode	7CH-0-0	Cathode	3.15X	0.600	0.05*	5.5*	7.5*	Characteristics Same as Type 6CS6. (3CS6 Designed for Series String TV Receivers).									1,400	3CS6
3D6	Lock-in	Beam Amp.	6BA-L-0	Filament	2.8	.110	.30	7.5	6.5	Characteristics Same as Type 6D6T6 (3D6T6 Designed for Series String TV Receivers).									1,400	3D6
3DT6	T-5½	Pentode	7EN	Cathode	3.15X	.600	0.030*	6.5*	1.9*	Characteristics Same as Type 6D6T6 (3D6T6 Designed for Series String TV Receivers).									1,400	3DT6
3E5	T-5½	Pentode	6BX-0-0	Filament	1.4	.050	0.030*	6.5*	1.9*	Characteristics Same as Type 6E5 (3E5 Designed for Series String TV Receivers).									1,400	3E5
3E6	Lock-in	Pentode	7CJ-L-5	Filament	2.8	.025	0.030*	6.3*	1.9*	Characteristics Same as Type 6E6 (3E6 Designed for Series String TV Receivers).									1,400	3E6
3LE4	Lock-in	Pentode	6BA-L-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6LE4 (3LE4 Designed for Series String TV Receivers).									1,400	3LE4
3LF4	Lock-in	Beam Amp.	6BA-L-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6LF4 (3LF4 Designed for Series String TV Receivers).									1,400	3LF4
3Q4	T-5½	Pentode	7BA-0-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6Q4 (3Q4 Designed for Series String TV Receivers).									1,400	3Q4
3Q5GT	I-9	Beam Amp.	7AP-0-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6Q5GT (3Q5GT Designed for Series String TV Receivers).									1,400	3Q5GT
3S4	T-5½	Pentode	7BA-0-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6S4 (3S4 Designed for Series String TV Receivers).									1,400	3S4
3V4	T-5½	Pentode	6BX-0-0	Filament	1.4	0.10	0.07m	5.5	7.5	Characteristics Same as Type 6V4 (3V4 Designed for Series String TV Receivers).									1,400	3V4
4A6G	SI-12	Duotriode	8L-0-0	Filament	4.0	0.19	0.07m	5.5	7.5	Characteristics Same as Type 4A6G (3A6G Designed for Series String TV Receivers).									1,400	4A6G
4B8	T-6½	Duotriode	9AJ-0-9	Cathode	4.2X	0.600	1.4	2.5	1.3	Characteristics Same as Type 4B8 (3B8 Designed for Series String TV Receivers).									1,000	4B8
4BQ7A	T-6½	Duotriode	9AJ-0-9	Cathode	4.2X	0.600	1.15	2.85	1.35	Characteristics Same as Type 4BQ7A (4BQ7A Designed for Series String TV Receivers).									1,000	4BQ7A
4B88	T-6½	Duotriode	9AJ	Cathode	4.5X	.600	1.15	2.6	1.2	Characteristics Same as Type 4B88 (4B88 Designed for Series String TV Receivers).									1,000	4B88
4BX8	T-6½	Duotriode	9AJ	Cathode	4.5X	0.6	1.4	4.9	2.6	Characteristics Same as Type 4BX8 (4BX8 Designed for Series String TV Receivers).									1,000	4BX8
4BZ7	T-6½	Duotriode	9AJ-0-9	Cathode	4.2X	0.600	1.15	2.5	1.35	Characteristics Same as Type 4BZ7 (4BZ7 Designed for Series String TV Receivers).									1,000	4BZ7
4BZ8	T-6½	Duotriode	9AJ-0-9	Cathode	4.2X	0.600	1.15	2.5	1.35	Characteristics Same as Type 4BZ8 (4BZ8 Designed for Series String TV Receivers).									1,000	4BZ8
4CX7	T-6½	Duotriode	9FC-0-2	Cathode	4.2X	.600	1.2	2.4	1.3	Characteristics Same as Type 4CX7 (4CX7 Designed for Series String TV Receivers).									1,000	4CX7
5A6	T-6½	Pentode	9L-0-0	Filament	5.0	.230	0.10	8.5	9.5	Characteristics Same as Type 5A6 (3A6 Designed for Series String TV Receivers).									2,800	5A6
5AM8	T-6½	Diode Pent.	9CY-0-0	Cathode	4.7X	0.600	0.015	6.0	3.4	Characteristics Same as Type 5AM8 (5AM8 Designed for Series String TV Receivers).									3,100	5AM8
5AN8	T-6½	Tri. Pentode	9DA-0-9	Cathode	4.7X	0.600	0.04m*	7.0*	2.3*	Characteristics Same as Type 5AN8 (5AN8 Designed for Series String TV Receivers).									3,100	5AN8
5AQ5	T-5½	Beam Amp.	7BZ-0-0	Cathode	4.7X	0.600	0.4*	8.0*	8.5*	Characteristics Same as Type 5AQ5 (5AQ5 Designed for Series String TV Receivers).									3,100	5AQ5
5AT8	T-6½	Tri. Pentode	9DW-0-0	Cathode	4.7X	0.600	0.016m	4.7	1.0	Characteristics Same as Type 5AT8 (5AT8 Designed for Series String TV Receivers).									3,100	5AT8
5AV8	T-6½	Tri. Pentode	9DZ-0-7	Cathode	4.7X	0.600	0.04m*	7.0*	2.3*	Characteristics Same as Type 5AV8 (5AV8 Designed for Series String TV Receivers).									3,100	5AV8
5AW4	T-12	Duotriode	5T-0-0	Filament	5.0	4.0	0.030*	6.5*	1.9*	450 A.C. Volts Per Plate, R.M.S. 250 Ma. Output Current with Cap. Input to Filter. Peak Current = 750 Ma. Per Plate. 5AW4									3,100	5AW4
5AX4GT	T-9	Duotriode	5T-0-0	Filament	5.0	2.95	0.030*	6.5*	1.9*	350 A.C. Volts Per Plate, R.M.S. 150 Ma. D.C. Output Current. Condenser Input to Filter. 500 A.C. Volts Per Plate, R.M.S. 150 Ma. D.C. Output Current. Choke Input to Filter. 5AX4GT									3,100	5AX4GT
5AZ4	Lock-in	Duotriode	5T-L-0	Filament	5.0	2.0	0.030*	6.5*	1.9*	Characteristics Same as Type 5AZ4 (3AZ4 Designed for Series String TV Receivers).									3,100	5AZ4
5B8	T-6½	Tri. Pentode	9EC-0-1	Cathode	4.7X	0.600	0.05m*	6.0*	2.6*	Characteristics Same as Type 5B8 (5B8 Designed for Series String TV Receivers).									3,100	5B8
5BE8	T-6½	Tri. Pentode	9EG-0-3	Cathode	4.7X	0.600	0.04m*	4.4*	2.6*	Characteristics Same as Type 5BE8 (5BE8 Designed for Series String TV Receivers).									3,100	5BE8
5BK7A	T-6½	Duotriode	9AJ-0-9	Cathode	4.7X	0.600	1.8	3.0	1.0	Characteristics Same as Type 5BK7A (5BK7A Designed for Series String TV Receivers).									3,100	5BK7A

(1) Values are given shielded unless marked with (*).
 (2) Converter tube capacitances given are signal grid to plate;
 RF Input, Mixer Output.
 For tubes with 40 volts RMS applied to each grid.
 (3) Has special mechanical and/or life characteristics.
 § With Average Power Input of 300 Mw. Grid to Grid.
 ¶ For tubes with 40 volts RMS applied to each grid.
 * Pentode Operation.
 † Plate to Plate.
 ‡ Conversion Transconductance.
 § Approximate.
 ¶ Triode Operation.
 ** Triode Operation.

* Applied through 20,000 ohms.
 † Per Tube or Section.
 ‡ Conversion Transconductance.
 § Approximate.
 ¶ Triode Operation.
 ** Triode Operation.