

SYLVANIA TUBES — AVERAGE CHARACTERISTICS

Type	Construction		Emitter		Note (1) (*) Capacitances in $\mu\mu\text{f}$.			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	Baseing Desig.	Type	Volts	Amps.	Cgp.													Cin.	Couf.
1291	Lock-in	Triode	4AA-L-0	Filament	1.4	.11	1.7	1.7	3.0	90	0	5.9	13.25	120 Mc. Oscillator Rg = 10,000 Ohms.	15	.....	.....	1291
1294	Now Known as Type 1R4									90	0	.....	.....	.....	.....	.....	.....	1293
1299	Now Known as Type 3D6									.....	.....	.....	.....	.....	.....	.....	.....	1294
1612	Metal	Heptode	7I-1-0	Cathode	6.3	0.30	.....	7.5	11.0	.....	.....	.....	.....	.....	.....	.....	.....	1299
1626	ST-12	Triode	6Q-0-0	Cathode	12.6	.25	4.4*	3.2*	3.4	250	70	.....	.....	.....	.....	.....	.....	1612
1626	T-9	Electron Ray	7AL-0-0	Cathode	12.6	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1616
2050	ST-12	Gas Tetrode	6BS-0-0	Cathode	6.3	0.60	0.26*	4.2*	3.6*	400	5.0	100	.....	.....	.....	.....	4,000	1626
2051	ST-12	Gas Tetrode	6BS-0-0	Cathode	6.3	0.6	0.26*	4.2*	3.6*	220	4.0	0	75	.....	.....	.....	.....	1699
5517/CK1013	T-5½	Gas Diode	5-BU	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2050
5590	T-5½	Pentode	7BD-0-0	Cathode	6.3	0.15	0.01	3.40	2.90	2800 Max. Peak Inverse V., 50 Ma. Max. Peak Current, 6 Ma. Avg. Current D-C, Avg. Tube Drop = 100.	90	820	1.4	300,000	2,000	600	.....	5517/CK1013
5591	T-5½	Pentode	7BD-0-0	Cathode	6.3	0.15	0.01	3.90	2.85	190	7.5	2.5	340,000	5,000	1,700	.....	5590	
5608-A	ST-14	Duotriode	7B-0-0	Cathode	2.5	2.0	.....	.....	.....	150	330	7.0	480,000	4,300	1,800	.....	5591	
5633 (3)	T-3	Pentode	5633	Cathode	6.3	0.15	0.01m	4.0	2.8	300	5	.....	14,000	2,900	31.5	.....	5608-A	
5634 (3)	T-3	Pentode	5633	Cathode	6.3	0.15	0.01m	4.4	2.8	100	150	100	200,000	3,400	.....	.....	5633 (3)	
5635 (3)	T-3	Duotriode	8DC-0-0	Cathode	6.3	0.45	1.2	2.6	1.6	100	150	100	240,000	3,500	.....	.....	5634 (3)	
5636 (3)	T-3	Pentode	8DC-0-0	Cathode	6.3	0.02	0.15m	4.0	3.4	100	150	100	10,000	3,800	38	.....	5635 (3)	
5637 (3)	T-3	Triode	8DK-0-0	Cathode	6.3	0.15	1.3	2.8	3.2	100	150	100	320,000	1,280	.....	.....	5636 (3)	
5638 (3)	T-3	Pentode	5638	Cathode	6.3	0.15	0.19	4.0	6.5	100	820	1.4	26,000	2,700	70	.....	5637 (3)	
5639 (3)	T-3	Pentode	8DL-0-0	Cathode	6.3	0.45	0.10m	9.5	7.5	100	270	100	150,000	3,300	.....	.....	5638 (3)	
5640 (3)	T-3	Pentode	8DL-0-0	Cathode	6.3	0.45	0.09	9.0	6.5	150	100	100	50,000	9,000	.....	.....	5639 (3)	
5641 (3)	T-3	Diode	6CJ-0-0	Cathode	6.3	0.45	.....	.....	.....	100	270	100	15,000	5,000	.....	3,000	1,250	5640 (3)
5642	T-3	Diode	5642	Filament	1.25	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5641 (3)
5643 (3)	T-3	Gas Tetrode	8DD-0-0	Cathode	6.3	0.15	0.1	1.7	1.6	150	5	A-C	0	90	.....	.....	.....	5642
5644 (3)	T-3	Gas Diode	4CN-0-0	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5643 (3)
5645 (3)	T-2	Triode	5646	Cathode	6.3	0.15	1.2	2.4	3.4	100	560	.....	7,400	2,700	90	.....	.....	5644 (3)
5646 (3)	T-2	Triode	5646	Cathode	6.3	0.15	1.2	2.4	3.4	100	820	.....	29,000	2,400	70	.....	.....	5645 (3)
5647 (3)	T-1	Diode	5647	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5646 (3)
5651	T-5½	Gas Diode	5BO-0-0	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5647 (3)
5654 BMSW (3)	T-5½	Pentode	7BD-0-2&7	Cathode	6.3	0.175	0.02m	4.0	2.9	120	200	120	340,000	5,000	.....	.....	.....	5651
5670 (3)	T-6½	Duotriode	8CJ-0-5	Cathode	6.3	0.35	1.1	2.2	1.0	150	240	.....	6,370	5,500	35	.....	.....	5654 BMSW (3)
5679	Lock-in	Duotriode	7CX-L-5	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5670 (3)
5686 (3)	T-6½	Pentode	9G-0-0	Cathode	6.3	0.35	0.08m	6.5	8.5	.....	.....	.....	.....	.....	.....	.....	.....	5679
5687	T-6½	Duotriode	9H-0-0	Cathode	6.3	0.90	3.8*	4.0*	0.45*	250	12.5	250	.....	3,100	.....	9,000	2,700	5686 (3)
5691 (3)	T-9	Duotriode	8BD-0-0	Cathode	6.3	0.6	3.6*	2.4*	2.3*	250	12.5	.....	.....	4,000	5,900	16	.....	5687
5692 (3)	T-9	Duotriode	8BD-0-0	Cathode	6.3	0.6	3.6*	2.7*	2.6*	180	7.0	.....	.....	4,400	8,100	17	.....	5691 (3)
5693 (3)	Metal	Pentode	8N-1-0	Cathode	6.3	0.3	0.005m	5.8	6.8	.....	.....	.....	.....	9,100	2,900	20	.....	5692 (3)
5694 (3)	ST-14	Duotriode	8CS-0-0	Cathode	6.3	0.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5693 (3)
5702	T-3	Pentode	5702	Cathode	6.3	0.2	0.03m	4.4	3.5	.....	.....	.....	.....	1,650	.....	.....	.....	5694 (3)
5703	T-3	Triode	5703	Cathode	6.3	0.2	1.15	2.7	2.1	120	300	190	7.5	2.5	3,100	35	.....	5694 (3)
5704	T-2	Diode	5704	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5702
5718 (3)	T-3	Triode	8DK-0-0	Cathode	6.3	0.15	1.3	2.4	2.4	150 Volts RMS Plate, 9 Ma. D-C Output Current.	100	150	.....	.....	.....	.....	.....	5703
5719 (3)	T-2	Triode	8DK-0-0	Cathode	6.3	0.15	0.8	1.9	2.2	100	150	.....	.....	4,650	5,800	27	.....	5704
5722	T-5½	Diode	5CB-0-0	Filament	4.9	1.6	.....	.....	.....	.....	.....	.....	.....	4,150	6,500	27	.....	5718 (3)
5725 (3)	T-5½	Pentode	7BD-0-0	Cathode	6.3	0.175	0.01	3.9	3.0	.....	.....	.....	.....	30,500	2,300	70	.....	5719 (3)
5726/6L5W (3)	T-5½	Duotriode	6BT-0-6	Cathode	6.3	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5722
5731	Acom	Triode	5BC-0-0	Cathode	6.3	0.15	1.3*	1.0*	0.4*	117 Volts RMS Plate, 9 Ma. D-C Output Current Per Plate.	90	2	120	3.5	3,200	.....	.....	5725 (3)
5744	T-3	Triode	5744	Cathode	6.3	0.2	0.8	2.7	2.4	.....	.....	.....	.....	.....	.....	.....	.....	5726/6L5W (3)
5749/6BA6W (3)	T-5½	Pentode	7BK-0-2	Cathode	6.3	0.300	0.0035m	5.5	5.5	.....	.....	.....	.....	.....	.....	.....	.....	5731
5751 (3)	T-6½	Duotriode	9A-0-0	Cathode	6.3	.35	1.4*	1.4*	1.4*	.....	.....	.....	.....	.....	.....	.....	.....	5744
5783	T-3	Gas Diode	5783	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5749/6BA6W (3)

Characteristics Same as Type 6L7.
 Characteristics Same as Type 6E5.
 For Relay Operation Limit Time to 30 Secs.
 1 Amp. Peak Current, 8 Volts Tube Drop.
 For Relay Operation Limit Time to 30 Secs.
 375 Ma. Peak Current, 8 Volts Tube Drop.
 2800 Max. Peak Inverse V., 50 Ma. Max. Peak Current, 6 Ma. Avg. Current D-C, Avg. Tube Drop = 100.
 117 A-C Volts Per Plate, RMS, 45 Ma. D-C Output. Condenser Input to Filter.
 235 A-C Volts Per Plate, RMS, 45 Ma. D-C Output. Condenser Input to Filter.
 Pulse Type Rectifier for Television Service, 10,000 Volts Peak Inverse.
 (Grid Bias Voltage 180°. Out of Phase with Anode Voltage)
 Voltage Regulator with Starting Voltage at 130, Operating Voltage 95, Operating Current 5 to 25 Ma.
 Amplifier
 100 560
 100 820
 100 820
 117 Volts RMS Plate, 9 Ma. D-C Output.
 Detector
 117 Volts RMS Plate, 9 Ma. D-C Output.
 Volt Ref.
 Starting Voltage = 115 Volts Max. Operating Voltage = 92 Volts Max. Operating Current = 3.5 Ma. Max. 5651
 R-F Amp. 120 200
 H-F Amp. # 150 240
 Characteristics Same as Type 7A6. For VTVM Use.
 Amplifier
 250 12.5 250 37 5.0
 250 12.5 250 12 1.0
 180 7.0 250 22 2.3
 250 2 250 9 6.5
 250 3 100 3.0 0.85
 250 294 5 7
 R-F Amp. 120 300
 H-F Osc. 120 220
 VHF Det. 150 Volts RMS Plate, 9 Ma. D-C Output Current.
 Amplifier
 100 150
 150 180
 150 680
 200
 Amplifier
 120 2
 120 5.2 3.5
 117 Volts RMS Plate, 9 Ma. D-C Output Current Per Plate.
 A-F Amp. 90 2.5 14,700
 135 3.75 13,200
 180 5 12,500
 180 35 (Class C Operation)
 250 500
 100 68
 100 10.8
 250 68
 100 11.0
 4.4 950,000
 4.2 1.0 Meg.
 Characteristics Same as Type 12AX7. For Reliable Operation.
 Voltage Regulator with Starting Voltage at 115 Volts, Operating Voltage 85. Operating Current 1.5 to 3.5 Ma.