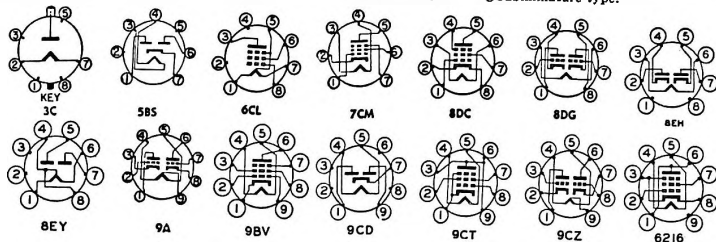


Tube Type	Classification by Construction	Base Connections	Outline Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
6184	UHF Twin Diode	8EH	T-X	Htr	6.3	0.15	Tube Voltage Drop: Φ 5.0 v at 8.0 ma				
6193	High-Frequency Twin Triode	8DG	3-3	Htr	6.3	0.3	250	—	2.75	2.20	1.46
6195	Beam Power Amplifier	6CL	T-X	Fil	$\left\{ \begin{array}{l} 1.25 \\ 2.5 \text{ DC} \end{array} \right\}$	$\left\{ \begin{array}{l} 0.22 \\ 0.11 \end{array} \right\}$	180	150	2.4	1.3	0.045
6197	Sharp-Cutoff Power Amplifier Pentode	9BV	6-3	Htr	6.3	0.65	300	250	—	—	—
6201	High-Frequency Twin Triode (Special 12AT7)	9A	6-2	Htr	$\left\{ \begin{array}{l} 12.6 \\ 6.3 \end{array} \right\}$	$\left\{ \begin{array}{l} 0.15 \\ 0.3 \end{array} \right\}$	300	—	2.5 Δ	$\left\{ \begin{array}{l} 0.45 \\ 0.38 \end{array} \right\} \Delta$	1.6 Δ
6202	Full-Wave High-Vacuum Rectifier	5BS	5-3	Htr	6.3	0.6	Tube Voltage Drop: Φ 22 v at 50 ma d-c				
6203	Full-Wave High-Vacuum Rectifier	9CD	6-3	Htr	6.3	0.9	Tube Voltage Drop: Φ 22 v at 70 ma d-c				
6205	Sharp-Cutoff RF Pentode	8DC	3-1	Htr	6.3	0.15	165	155	4.2	3.4	0.015 Φ
6206	Semi-Remote-Cutoff RF Pentode	8DC	3-1	Htr	6.3	0.15	165	155	4.2	3.4	0.015 Φ
6211	Medium-Mu Twin Triode	9A	6-2	Htr	$\left\{ \begin{array}{l} 12.6 \\ 6.3 \end{array} \right\}$	$\left\{ \begin{array}{l} 0.15 \\ 0.3 \end{array} \right\}$	200	—	2.9 Δ	$\left\{ \begin{array}{l} 0.54 \\ 0.46 \end{array} \right\} \Delta$	2.22 Δ
6215	Half-Wave High-Voltage Rectifier	3C	T-X	Fil	1.25	0.2	Tube Voltage Drop: 56 v at 2.0 ma d-c				
6216	Beam Power Amplifier	6216	6-3	Htr	6.3	1.2	300	200	12.3 Δ	6.7 Δ	0.37 Φ Δ
6247	High-Mu Triode	6247	3-2	Htr	6.3	0.2	275	—	—	—	—
6265	Sharp-Cutoff RF Pentode (Special 6BH6)	7CM	5-2	Htr	6.3	0.175	300	150	5.2 Δ	4.4 Δ	0.004 Φ Δ
6287	Beam Power Amplifier	9CT	T-X	Htr	6.3	0.6	275	275	8.0 Δ	9.0 Δ	1.1 Φ Δ
6305	Half-Wave High-Voltage Rectifier	6305	T-X	Htr	4.0	0.5	—	—	—	—	—
6325	Full-Wave High-Vacuum Rectifier	6325	T-X	Htr	6.3	2.7	—	—	—	—	—
6360	Medium-Mu Twin Triode	9CZ	6-3	Htr	$\left\{ \begin{array}{l} 6.3 \\ 12.6 \end{array} \right\}$	$\left\{ \begin{array}{l} 0.61 \\ 0.3 \end{array} \right\}$	300	—	3.6 Δ	0.6 Δ	3.2 Δ
6352	Temperature-Limited Twin Diode	8EY	3-2	Fil	3.0 AC	0.36	Max filament voltage $\square$ = 4.0 a-c Max plate voltage $\square$ = 250 d-c Max plate current $\square$ = 1.1 ma Φ				

Metal tubes are shown in bold-face type, miniature tubes in italics.

 Φ Subminiature type.

Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Milli-ampers	Screen Milli-ampers	R _p , Ohms	G _m , μ hos	μ Factor	Load for Rated Output, Ohms	Power Output, Watts	Tube Type
Full-Wave Rectifier	Max d-c output current = 20 ma; max peak inverse voltage = 450 volts; max rms supply voltage per plate = 200 volts; max peak current per plate = 50 ma										6184 Φ
Class A Amplifier Φ	180 90	—	1.0 0.50	11.5 4.5	—	8,500 9,000	6,500 5,800	55 50	—	—	6193 Φ
Class A Amplifier	125	125	7.5	9.0	1.5	120,000	2,100	—	—	—	6195 Φ
Class A Amplifier	250	150	3.0	30	7.0	90,000	11,000	—	—	—	6197
Class A Amplifier Φ	250 100	—	R _k = 200 R _k = 270	10 3.3	—	10,900 14,300	5,500 4,000	60 57	—	—	6201
Full-Wave Rectifier	Max d-c output current = 50 ma; max peak inverse voltage = 1250 volts; rms supply voltage per plate = 325 volts; max peak current per plate = 200 ma										6202
Full-Wave Rectifier	Max d-c output current = 70 ma; max peak inverse voltage = 1250 volts; rms supply voltage per plate = 325 volts; max peak current per plate = 270 ma										6203
Class A Amplifier	100	100	R _k = 150	7.5	2.4	260,000	5,000	—	—	—	6205 Φ
Class A Amplifier	100	100	R _k = 120	7.2	2.2	260,000	4,500	—	—	—	6206 Φ
Class A Amplifier Φ (Frequency Halter)	100 150 150	— — —	R _k = 470 0 10 Φ	4.6 4.8* 0.1	—	7,500 R _{k1} = 47,000 ohms R _{k1} = 47,000 ohms	3,600	27	—	—	6211
Half-Wave Rectifier	Max d-c output current = 1.0 ma; max peak inverse voltage = 18,000 volts; max peak current = 8.0 ma										6215
Class A Amplifier Filter Reactor	200 100	100 100	6.0 3.0	47 $\uparrow$ 72	2.0 $\uparrow$ 3.0	38,000 18,500	8,800 12,800	— R _{k1} = 0.1 meg	4,500	3.8	6216
Class A Amplifier	250	—	R _k = 500	4.2	—	22,600	2,650	60	—	—	6247 Φ
Class A Amplifier	250	150	R _k = 100	7.4	2.9	1,000,000	4,600	—	—	—	6265
Class A Amplifier	250	250	12.5	46 $\uparrow$	5.0 $\uparrow$	55,000	4,100	—	6,000	4.5	6287
Half-Wave Rectifier	Max d-c output current = 5 ma; max peak inverse voltage = 12,500 volts; max rms supply voltage = 5500 volts; max peak current = 40 ma										6305
Full-Wave Rectifier	Max d-c output current $\square$ = 250 ma; max peak inverse voltage $\square$ = 2200 volts; rms supply voltage per plate $\square$ = 780 volts; max peak current per plate $\square$ = 550 ma										6325
Class A Amplifier Φ	150	—	5.0	11	—	3,900	4,600	18	—	—	6360
Control Service	Plate voltage = 250 d-c thru 1 meg; plate current = 50 μ A Φ										6352 Φ

Φ Per section.
 $\square$ Absolute maximum rating.
 Δ Without external shield.
 $\uparrow$ Section 1.
 $\downarrow$ Section 2.
 $\dagger$ Approximate.
 $\dagger$ Maximum.
 $\dagger$ Plate supply voltage.
 $\dagger$ Minimum.
 $\dagger$ Zero Signal.
 Φ For both sections.

