

(015L) Rating of Early Japanese Transmitting Tetrodes and Pentodes (Air Cooled)																							
Tube Type	Rating									Class C Operation									Dimension		Equivalent Type	Maker	Note
	Cathode			Anode		Screen	Gm mS	μ G1-G2	f max MHz	Voltage				Current		Power							
	Type	Ef V	If A	Max Ep kV	Max Diss W	Max Diss W				Anode kV	G3 V	Screen V	Grid V	Anode mA	Screen mA	Drive W	In W	Out W	Length mm	Max Dia mm			
D-812	T	10	6	2	250	30	1.5	7	18	2	N/A	500	—	—	—	—	500	275	310	140	UV-812	F	Tetrode
D-813	T	7.5	3.25	1	40	8	1.6	5	10	1	N/A	250	—	—	—	—	80	40	190	54	UV-813	F	Tetrode
D-814	T	10	3.25	1.2	75	10	1.4	4.5	15	1.2	N/A	300	—	—	—	—	125	50	230	62	UV-814	—	Tetrode
D-815	T	11	12	2	500	35	5	5.5	15	2	N/A	500	—	—	—	—	1200	700	460	140	UV-815	—	Tetrode
D-816D	T	10	2.5	1.2	60	8	1.3	5	15	1.2	N/A	300	—	—	—	—	90	45	195	60	UX-860	—	Tetrode
D-860	T	10	3.25	2	100	20	1.35	8	18	2	N/A	500	—	—	—	—	200	100	210	95	—	—	Tetrode
D-860C	T	10	3.25	—	200	—	1.3	280	10	2	N/A	400	—	125	—	—	250	125	210	90	UV-861	—	Tetrode
D-861	T	11	10	3	500	60	2.4	10	18	3	N/A	750	—	—	—	—	1200	700	435	175	UX-865	—	Tetrode
D-865	T	7.5	2	0.5	15	3	0.78	2.8	15	0.5	N/A	125	—	—	—	—	25	12.5	150	51	—	—	Tetrode
D-865B	T	7.5	1.2	0.5	20	—	0.68	75	—	0.5	N/A	125	—	40	—	—	20	10	150	54	—	—	Tetrode
D-865E	T	7.5	2	0.5	20	4	0.5	1.5	15	0.5	N/A	250	—	80	—	—	40	20	150	54	—	—	Tetrode
E-510A	T	10	1.25	1	20	6	2.7	—	10	1	0	250	—	—	—	—	40	25	160	53	—	F	Pentode
E-510B	FO	6	1.05	0.5	15	5	2.5	—	10	0.5	0	200	—	—	—	—	30	15	160	53	—	F	Pentode
E-511	T	7.5	3	—	50	—	3.8	—	10	1	0	300	-20	51	—	—	100	60	215	65	—	F	Pentode
E-511B	T	7.5	3	1	40	12	3.2	7.5	10	1	0	300	—	—	—	—	80	40	215	65	—	F	Pentode
E-1052	T	7.5	1.25	0.5	12	6	2.25	—	15	—	—	—	—	—	—	—	—	—	190	50	—	F	Pentode
E-1054	T	10	2.5	1	40	12	3.2	—	15	1	0	200	—	—	—	—	75	50	165	53	—	F	Pentode
E-1054C	T	10(N)	2.5	1.25	45	10	2.8	5	30	1	0	300	-100	100	20	0.45	100	55	165	55	—	F	Pentode
E-1054N	T	5	2x2	1	50	15	3.4	—	15	1	0	300	—	—	—	—	100	55	165	53	—	F	Pentode
E-1056	T	10	6.5	1.5	150	30	7	—	15	1.5	50	250	—	—	—	—	350	250	230	75	—	F	Pentode
E-1083	T	10	6	2	150	40	1.1	—	10	2	0	500	—	—	—	—	300	200	300	110	—	F	Pentode
E-1085	T	10	5	2	125	30	4	16	20	2	0	500	-90	160	45	1.5	320	200	230	67	—	F	Pentode
E-2053B	T	10	3.25	0.6	50	10	4	8	15	0.5	30	200	-200	120	35	0.3	—	30	—	—	—	F	Pentode
E-2055	T	10	4	1.5	80	20	5	—	20	1.5	50	350	—	—	—	—	270	170	140	57	—	F	Pentode
E-2055N	T	10	2x2	1.5	80	20	5	—	20	1.5	50	350	—	—	—	—	270	170	150	57	—	F	Pentode
E-2057	T	10	6.5	2	150	30	5.5	10	20	1.5	50	300	-150	250	50	1.5	375	225	165	78	—	F	Pentode
E-2057N	T	10	2x3.25	1.5	150	30	5.5	10	20	1.5	50	300	—	—	—	—	375	225	170	75	—	F	Pentode
E-2059	T	10	8	2	200	50	8	—	20	1.5	0	350	—	—	—	—	500	360	190	80	—	F	Pentode
E-2059N	T	12	2x4	2	200	50	8	—	20	1.5	0	350	—	—	—	—	500	360	180	80	—	F	Pentode
E-2062	T	11	13	2	350	70	13	—	20	2	50	500	—	—	—	—	1100	750	260	120	—	F	Pentode
E-2062N	T	12	2x6.5	2	350	70	13	—	20	2	50	500	—	—	—	—	1100	750	260	120	—	F	Pentode
E-2064B	T	12	20	3	600	90	7	7	20	3	0	—	—	—	—	—	1800	1200	300	150	—	F	Pentode
E-2064N	T	12	2x10	3	600	90	7	7	20	3	0	400	—	—	—	—	1800	1200	300	150	—	F	Pentode
E-2066A	T	12	40	3	1000	200	10	—	20	3	100	750	—	—	—	—	3000	2000	480	180	—	F	Pentode
E-2066N	T	12	2x20	3	1000	200	10	—	20	3	100	750	—	—	—	—	3000	2000	480	180	—	F	Pentode

Tube Type	Rating									Class C Operation									Dimension		Equivalent Type	Maker	Note
	Cathode			Anode		Screen	Gm mS	μ G1-G2	f max MHz	Voltage				Current		Power							
	Type	Ef V	If A	Max Ep kV	Max Diss W	Max Diss W				Anode kV	G3 V	Screen V	Grid V	Anode mA	Screen mA	Drive W	In W	Out W	Length mm	Max Dia mm			
K-6022	HO	6.3	1.25	0.6	20	3	7	4.5	60	0.6	N/A	150	-58	112	9	0.2	—	52	94	44	—	F	Beam Power
MB-526-A	T	10	3.25	2	100	20	1.35	8	—	2	N/A	300	-150	—	—	—	200	100	210	120	UX-860	—	Tetrode
MB-528-A	T	10	6	2	250	30	1.5	7	—	2	N/A	500	-200	—	—	—	500	250	310	200	UV-812	N	Tetrode
MB-533-A	FO	2.5	1.5	0.25	75	3	2	8	—	0.25	0	120	-30	—	—	—	10	5.5	130	50	UY-47A	N	Pentode
MB-586-A	T	10	1.25	0.5	20	3	2	4	—	0.5	40	200	-80	—	—	—	50	30	—	—	E-2053	N	Pentode
MC-527-A	T	10	3.25	1.2	75	7	1.25	4	—	1.2	N/A	300	-80	—	—	—	150	70	230	62	UV-814	N	Tetrode
MC-534-A	T	7.5	2	0.5	20	3	0.78	3	—	0.5	N/A	125	-80	—	—	—	25	10	150	55	UV-865	N	Tetrode
MC-538-C	HO	6.3	1	0.5	10	4	2	7	30	0.5	0	200	-90	—	—	—	25	14	142	51	UT-802	N	Pentode
MC-539-D	T	7.5	4.5	1.25	75	15	3.3	5	—	1.25	0	250	-100	—	—	—	180	120	198	69	—	N	Pentode
MC-543-B	HO	5	1.05	0.6	25	7	3.5	8	—	0.6	0	300	-60	—	—	—	45	30	150	50	—	N	Pentode
MC-555-A	T	10	5	2	150	35	3	9	—	2	0	400	-100	—	—	—	300	200	250	60	—	N	Pentode
MC-557-A	T	10	3.25	0.75	60	6	1.6	3	—	1	N/A	250	-100	—	—	—	120	65	180	60	—	N	Tetrode
MC-565-B	HO	6	1.05	0.5	15	5	3.4	7	—	0.5	0	200	-60	—	—	—	30	15	160	53	UY-510B	N	Pentode
MC-569-D	T	10	24	3	800	250	5	5	—	3	0	750	-300	—	—	—	2100	1500	310	150	—	N	Pentode
MC-577-A	T	7.5	3	1.25	55	12	3.35	6	—	1.25	50	300	-100	—	—	—	125	80	200	58	UY-550	N	Pentode
MC-578-A	HO	5.5	0.95	0.25	10	5	2.75	5	—	0.25	20	100	-60	—	—	—	17	10	115	40	—	N	Pentode
MC-580-A	T	10	24	3	800	250	5	5	20	3	—	750	-350	—	—	—	2000	1200	320	150	—	N	Pentode
MC-581-A	T	10	16	2.5	500	60	7	4	—	2.5	50	500	-250	—	—	—	1180	800	240	120	—	N	Pentode
MC-582-A	T	10	10	2	300	40	5	4	20	2	50	400	-200	—	—	—	800	500	210	95	—	N	Pentode
MC-584-A	T	10	3.25	1.5	80	15	3.5	4	—	1.5	50	300	-150	—	—	—	225	150	140	55	—	N	Pentode
MC-585-A	T	10	2	1	40	5	2.5	4	20	1	40	250	-100	—	—	—	120	83	115	45	—	N	Pentode
MC-598-A	HO	5	0.55	0.25	15	5	2.5	5	—	0.25	20	100	-100	—	—	—	12.5	7	105	40	—	N	Pentode
MC-599-A	T	10	6.5	1.5	150	30	4.5	9	—	1.5	30	300	-200	—	—	—	350	200	165	74	—	N	Pentode
MO-529-A	T	11	10	3	500	60	2.4	10	—	3	N/A	750	-300	—	—	—	1000	500	435	252	UV-861	N	Tetrode
MO-546-C	T	6	10	1	200	50	5	10	—	2	0	200	-100	—	—	—	420	250	330	136	—	N	Pentode
P-220	T	12(N)	4.25	2	230	30	4.5	6.5	30	2	0	500	-120	240	30	1.6	—	330	210	83	—	F,H,T	Pentode
P-250	T	12(N)	8.5	2.5	420	70	8	6.5	25	2	0	500	-180	500	55	4.5	—	600	230	123	—	F,H,N	Pentode
P-250A	T	12(N)	8.5	3.3	420	70	8	6.5	25	3	0	500	-200	480	40	3.8	—	1000	230	123	—	F,H,N	Pentode
P-503A	T	10	1.25	0.75	20	6	2.2	—	25	0.75	0	300	-100	67	—	—	50	30	115	39	—	H,T	Pentode
P-520A	T	6(2-ph)	4.25	2	230	30	4.5	6.5	25	2	50	500	-180	250	40	1.6	500	330	205	90	—	T	Pentode
P-535	T	12(N)	2	1.25	45	10	2.8	5	30	1	0	300	-100	100	21	0.45	—	55	130	45	—	F,T	Pentode
P-535-A	T	12	2.5	1.25	45	10	2.8	4.5	30	1	40	250	-100	110	22	0.3	—	75	140	45	—	T	Pentode
P-555	T	10	3.25	1.5	75	15	3.8	—	30	1.5	100	350	-100	120	—	—	180	110	160	58n	—	T	Pentode
P-556A	T	6	2x10	—	420	100	—	—	25	2	0	500	-250	500	—	—	1000	600	280	110	—	T	Pentode

Tube Type	Rating									Class C Operation									Dimension		Equivalent Type	Maker	Note
	Cathode			Anode		Screen	Gm mS	μ G1-G2	f max MHz	Voltage				Current		Power							
	Type	Ef V	If A	Max Ep kV	Max Diss W	Max Diss W				Anode kV	G3 V	Screen V	Grid V	Anode mA	Screen mA	Drive W	In W	Out W	Length mm	Max Dia mm			
P-560	T	10	5	2	125	30	4	6	30	2	60	400	-200	160	25	0.7	320	200	170	65	—	T	Pentode
P-560A	T	6(2-ph)	3.85	1.5	100	20	2.8	6	30	1.5	50	400	-150	170	25	1	—	160	160	75	—	T	Pentode
P-575	T	11	15	—	450	60	9	—	25	2.5	80	500	-200	560	—	—	1400	950	280	150	—	T	Pentode
P-580	T	12	17	3	650	75	11	—	25	3	50	500	-250	670	—	—	2000	1350	290	160	—	T	Pentode
P-580A	T	12	2x12	3	800	150	6.5	—	25	3	50	800	-300	670	—	—	2100	1400	330	200	—	T	Pentode
UV-812	T	10	6	2.5	250	30	1.5	7	18	2	N/A	400	-250	235	35	13	500	250	325	143	—	F,H,T	Tetrode
UV-813	T	7.5	3.25	1.25	40	8	1.5	5	10	1	N/A	250	-120	75	13	2.5	—	40	190	56	—	F	Tetrode
UV-814	T	10	3.25	1.4	75	10	1.4	4.5	15	1.2	N/A	300	-150	115	20	6	—	75	230	64	—	F	Tetrode
UV-814	T	10	3.25	1.2	75	10	1.9	—	15	1.2	—	300	—	105	—	—	125	50	230	62	—	T	Pentode ?
UV-815	T	11	12	2	500	35	5	5.5	15	2	N/A	500	—	—	—	—	1200	700	460	140	—	F	Tetrode
UV-861	T	11	10	3	500	60	2.4	10	18	3	N/A	600	-300	345	55	25	—	600	435	175	—	F,H,T	Tetrode
UV-912	T	10	6	2	300	—	1.55	170	—	2	N/A	400	—	250	—	—	500	250	310	140	—	J	Tetrode
UV-914	T	10	3.25	1.2	100	—	1.25	140	—	1.2	N/A	300	—	105	—	—	125	50	230	62	—	J	Tetrode
UV-961	T	11	10	3	600	—	1.9	270	—	3	N/A	600	—	400	—	—	1200	750	435	175	—	J	Tetrode
UX-860	T	10	3.25	2.2	100	20	1.35	8	18	2	N/A	300	-150	95	23	6	—	100	210	98	—	F,H,T	Tetrode
UX-865	T	7.5	2	—	—	—	—	—	—	—	N/A	—	—	—	—	—	—	—	—	—	—	F	Tetrode
UX-865E	T	7.5	2	0.6	20	4	0.5	1.5	15	0.5	N/A	250	-250	70	10	5	—	20	150	52	—	F	Tetrode
UX-952	T	10	3.25	2	100	—	1.6	12	—	—	N/A	—	—	—	—	—	—	—	210	95	—	J	Tetrode
UX-960	T	10	3.25	2	200	—	1.3	280	—	2	N/A	400	—	125	—	—	250	125	210	95	—	J	Tetrode
UX-961	T	11	10	3	400	—	—	—	—	—	N/A	—	—	—	—	—	—	750	435	175	—	J	Tetrode
UX-965	T	7.5	2	0.5	20	—	0.78	72	—	0.5	N/A	125	—	50	—	—	25	12.5	150	55	—	J	Tetrode
UY-807A	HO	6.3	0.9	0.6	25	3.5	6.05	7.5	60	0.6	N/A	250	-50	100	9	0.22	60	35	142	50	Sim. to 807	T	Beam Power
UY-807B	HO	12	0.45	0.6	25	3.5	6	7.5	60	0.6	N/A	250	-50	100	9	0.22	60	35	115	39	Sim. to 807	T	Beam Power

Notes:

1) Copied from "History of Electron Tubes (1994)" Reference Book: Unpublished (Japanese version only)

2) "Maker": F: Fujitsu, H: Hitachi, J: JRC, N: NEC, T: Toshiba

3) "Type of Cathode": No description in original list. W for pure Tungsten, T for Thoriated Tungsten, but FO and HO are not sure ---- Ed.

4) There are 3 digit figures seen in several " μ G1-G2" which is extremely strange. But left as is because there is no way to verify it ---- Ed.