MAGNETIC HID BALLASTS

Capacitor Specifications *HID Non-PCB Capacitors*

Mfd.	Voltage	Capacitor Part Number[1,2]	Dia/Oval	Height	Ballast family where used
5	300	7C050L30RA	1.25	2.25	71A02x0, 5037, 5081, 5137, 78x1 (60 Hz)
6	300	7C060L30RA	1.25	2.75	71A5181, 78R1
7	300	7C070L30RA	1.25	2.75	71A1580, 50x7 (50 Hz. only), 79x1 (60 Hz)
7.5	400	7C075M40	1.50	2.90	Bi-Level, 71A5283
8	300	7C080L30RA	1.25	2.75	71A20x0, 52x0, 52x2 (60 Hz. only), 5237, 5281
8.4	300	7C084L33R	1.25	2.90	71A79x1 (50 Hz)
10	300	7C100M30RA	1.65	2.75	71A25x1 (60 Hz), 50Y1, 52Y1, 52Y2, 5337, 5340-T, 5383, 53Y3, 80x1 (60 Hz)
10	400	7C100M40R	1.40	3.75	71A55x0 (60 Hz)
11	400	7C110M40	1.65	3.75	71A55x3
12	300	7C120M30RA	1.65	2.75	71A25x1 (50 Hz), 29D1, 50x1 (50 Hz), 53x0 (60Hz, except 5340-T), 5637, 80x1 (50 Hz)
12	450	MD1204-100	1.75	2.90	71A55x0 (50 Hz)
13	525	MD1300-100	1.75	3.90	71A57E6
14	120	7C140L12RA	1.25	2.25	71A7707
14	300	7C140M30RA	1.65	2.75	71A04x0, 29R0, 52x1 (50 Hz), 52x2 (50 Hz), 5437, 5737, 81x2 (60 Hz)
15	330	7C150M33	1.65	2.75	71A56x2, 56x3
15	400	7C150P40R	1.75	3.75	71A57x0 (60 Hz), 57x1
16	300	7C160M30RA	1.65	2.75	71A05F0, 54x0, 54x2, 80x0
16	400	7C160P40	1.75	3.75	71A81x0, 07x0
16	525	MD1606-100	1.75	3.90	71A57x4, 82x0
16	525	MD1606-100	1.75	3.90	71A43x0
17	400	7C170P40	1.75	3.75	71A55x4, 5634, 57x2
17	550	MD1701-000	1.75	3.90	71A83x0
17.5	300	7C175M30RA	1.65	3.75	71A0590, 30x2, 53N0, 5837, 81x2 (50 Hz)
18	400	7C180P40R	1.75	3.75	56x3 (50 Hz), 71A57x0 (50 Hz), 89x4
20	120	7C200M12RA	1.25	2.75	71A0201, 7705, 7807
20	330	7C200P33R	1.75	3.75	71A57x2 (50 Hz), 53MO, 5880, 5937, 6037, 6137, 79xO, 81R6, 8146, 8176, 8196
20	450	MD2006-100	1.75	3.90	71A60x6
21	400	7C210P40R	1.75	4.80	71A58x2 (60 Hz)
21	525	MD2100-030	1.75	3.90	71A59x4, 60x4 (60 Hz), 6334, 64x8
22	240	7C220M24RA	1.65	2.75	71A54A3
22.5	300	7C225P30RA	1.65	3.75	71A35x2 (60 Hz), 5486, 6337
22.5	345	7C225P40	1.75	3.75	71A59x3
24	300	7C240P30RA	1.65	3.75	71A79x6, 89x1
24	400	7C240P40R	1.75	4.80	71A58x2 (50 Hz), 60x1 (60 Hz), 63x2
24	480	MD2409-000	1.75	3.90	71A84x0, 65x3 (60 Hz), 65x1
24	480	MD2409-100	1.75	3.90	71A50x0, 60N1, 65x2 (60 Hz), 65x0
25.5	400	7C225P40	1.75	4.80	71A59x3 (50 Hz)
26	330	7C260P33R	1.75	4.80	71A60x2 (60 Hz), 61E6
26	330	7C260S33R	2.00	4.80	Alternative to 7C260P33R
26	540	MD2602-030	1.75	5.30	71A69x0 (Uses one 17 mfd-540V and one 26 mfd-540V capacitor in parallel), 87x3 (60 Hz)
26	540	MD2602-100	1.75	5.30	71A60M2, 65x2 (50 Hz), 65x3 (50 Hz only)
26.5	400	7C265P40R	1.75	4.80	71A63x3 (60 Hz)
27.5	240	7C275P24RAT1	1.75	3.75	71A79J9
28	120	7C280M12RA	1.65	2.75	71A5005, 5105, 7805, 7907
28	300	7C280P30RA	1.75	3.75	71A35R2, 54x2 (50 Hz), 79x8, 82x6, 89x0
28	400	7C280S40	2.00	4.80	71A64x0, 64x2 (60 Hz)
28	580	MD1408-230	1.50	3.90	71A87x3 (50 Hz only, uses two 14mfd-580 volt capacitors in parallel)
30	345	7C300S34	1.75	4.80	71A60N2
32	525	MD3202-100	2.00	3.75	71A67x2 (60 Hz)
34	240	7C340P24RA	1.65	3.75	71A80x8
35	240	7C350P24RA	1.65	3.75	71A54M2, 80x6, 82x1 (60 Hz)
35	300	7C350P30RA	1.65	4.75	71A40x1 (60 Hz)
36	120	7C360M12RA	1.65	2.75	71A5205, 8007, 50Y5
40	300	7C400P30RA	1.75	4.75	71A40R1, 65E6 (two in series), 82x1 (50 Hz only), 65Y6 (two in series)
45	120	7C450P12RA	1.65	2.75	71A8005
45	300	7C450P30RA	1.75	4.75	71A65M6, 83x1
48	300	7C480P30RA	1.75	4.75	71A84x6, 85x6
52	240	7C520P24RA	1.75	3.75	71A8156, 81E6
52	280	7C520S28RA	2.00	4.00	Bi-Level
55	120	7C550P12RA	1.65	3.75	71A8107
55	240	7C550P24RA	1.75	3.75	71A81x8, 84x3 (60 Hz)
58	240	7C580P24RA	1.75	3.75	71A8593
60	240	7C600P24RA	1.75	3.75	71A99x2, 71A9968
64	280	7C640S28RA	2.00	5.00	71A84x3 (50 Hz), 85x5
66	280	7C660S28RA	2.00	5.00	71A9942, 71A9943
75	280	7C750S28RA	2.00	5.00	71A86x5

1. "R" suffix denotes capacitors with a discharge resistor where required by UL.
2. MD_ denotes 90° Oil Filled, 7C_ denotes 105° Dry Film with leads.