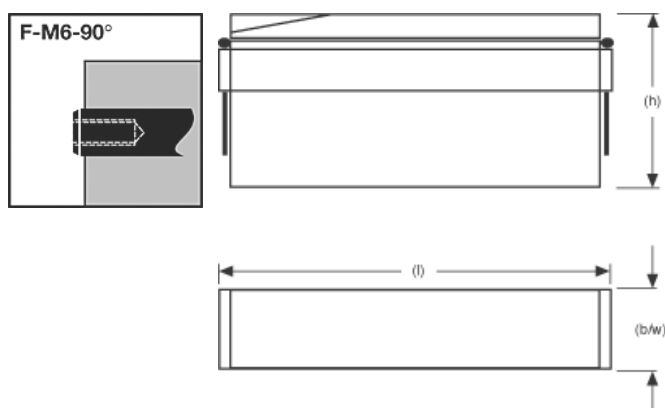


Marathon – M12V105FT data sheet

Terminal: Drawing:



Specifications:

Part numbers not valid for North America, use type for ordering!

Discharge figures are also valid for **UL 94 V0** version. Change "H" to "V" in the part number.

Example

Standard NAMF120105 **H** M0FA

UL 94 V0 NAMF120105 **V** M0FA

[Switch to: Discharge at 25 °C/inches/lb](#)

Exide type designation	Nom. Voltage V	Nom. capacity C ₁₀ 1.80 Vpc 20° C Ah	Nom. capacity C ₈ 1.75 Vpc 25° C Ah	Nom. capacity C ₁ 1.60 Vpc 20° C Ah	Length (l) max. mm	Width (b/w) max. mm	Height (h1) max. mm	Weight approx. kg	Internal resistance mOhm	Terminal
M12V105FT	12	100	104	71.3	511	110	238	35.8	5.7	F-M6-90°

Constant-current discharge in A @ 20 °C

Part number	Vpc	15 min	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h	24 h
NAMF120105HM0FA	1.94	121	79.9	52.4	38.3	30.6	22.3	17.9	14.9	12.6	9.74	7.96	4.20	3.60
NAMF120105HM0FA	1.92	132	86.0	55.8	40.6	32.3	23.5	18.7	15.8	13.4	10.3	8.42	4.50	3.79
NAMF120105HM0FA	1.90	141	91.6	59.4	42.9	34.1	24.6	19.6	16.4	14.1	10.9	8.90	4.70	3.97
NAMF120105HM0FA	1.87	153	97.9	62.6	45.1	35.7	25.8	20.4	17.0	14.7	11.4	9.34	4.90	4.17
NAMF120105HM0FA	1.85	154	101	64.7	46.5	36.9	26.5	21.0	17.5	15.1	11.7	9.59	5.20	4.32
NAMF120105HM0FA	1.83	163	104	66.3	47.6	37.7	27.1	21.4	17.9	15.4	12.0	9.79	5.20	4.40
NAMF120105HM0FA	1.80	179	109	68.3	49.0	38.7	27.8	21.9	18.3	15.7	12.2	10.0	5.30	4.48
NAMF120105HM0FA	1.78	184	112	69.3	49.7	39.2	28.1	22.2	18.5	15.9	12.4	10.1	5.30	4.53
NAMF120105HM0FA	1.75	190	115	70.0	50.2	39.7	28.5	22.5	18.7	16.1	12.6	10.2	5.40	4.55
NAMF120105HM0FA	1.73	192	116	70.5	50.6	40.0	28.6	22.6	18.8	16.1	12.7	10.3	5.40	4.56
NAMF120105HM0FA	1.70	195	118	71.2	51.1	40.4	28.8	22.7	18.9	16.2	12.7	10.3	5.40	4.58
NAMF120105HM0FA	1.67	199	119	72.0	51.6	40.7	29.0	22.8	19.0	16.3	12.8	10.4	5.40	4.59
NAMF120105HM0FA	1.65	200	120	72.6	52.0	41.0	29.2	22.9	19.0	16.3	12.9	10.4	5.40	4.60

Constant-power discharge in W/block @ 20 °C

Part number	Vpc	15 min	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	8 h	10 h	24 h
NAMF120105HM0FA	1.94	1250	968	612	443	352	255	203	170	112	91.8	41.9
NAMF120105HM0FA	1.92	1526	1025	651	470	373	269	213	180	118	97.0	44.2
NAMF120105HM0FA	1.90	1642	1085	690	497	393	283	224	187	125	102	46.4

NAMF120105HM0FA	1.87	1771	1144	722	519	410	295	233	194	130	106	48.3
NAMF120105HM0FA	1.85	1782	1185	743	533	422	303	239	199	134	109	49.6
NAMF120105HM0FA	1.83	1863	1216	760	545	431	309	244	203	137	112	50.3
NAMF120105HM0FA	1.80	1983	1249	780	558	441	316	249	207	140	114	51.2
NAMF120105HM0FA	1.78	2037	1272	789	565	446	319	252	210	142	115	51.7
NAMF120105HM0FA	1.75	2116	1292	796	570	450	322	254	211	143	116	52.0
NAMF120105HM0FA	1.73	2126	1304	800	572	451	323	255	212	144	117	52.1
NAMF120105HM0FA	1.70	2142	1312	803	575	453	324	256	213	144	117	52.2
NAMF120105HM0FA	1.67	2158	1321	806	577	455	325	257	213	145	117	52.4
NAMF120105HM0FA	1.65	2169	1326	809	579	456	326	257	214	145	118	52.5