

MIL-PRF-49470 Standard Profile

50 Volts

MIL-PRF-49470	Cap μ F	Case	Height (A) inches (mm)	Cap Tolerance	Presidio Part Number	Cross Reference from 87106	
						87106-xxx N-Lead	87106-xxx J-Lead
M49470 X 01 105 K A *	1.0	5	.120 (3.05)	10%	HR S 1 01 BX 105 K 2 * 3	001	241
M49470 X 01 105 M A *	1.0	5	.120 (3.05)	20%	HR S 1 01 BX 105 M 2 * 3	002	242
M49470 X 01 125 K A *	1.2	5	.120 (3.05)	10%	HR S 1 01 BX 125 K 2 * 3	003	243
M49470 X 01 125 M A *	1.2	5	.120 (3.05)	20%	HR S 1 01 BX 125 M 2 * 3	004	244
M49470 X 01 155 K A *	1.5	5	.240 (6.10)	10%	HR S 2 01 BX 155 K 2 * 3	005	245
M49470 X 01 155 M A *	1.5	5	.240 (6.10)	20%	HR S 2 01 BX 155 M 2 * 3	006	246
M49470 X 01 185 K A *	1.8	5	.240 (6.10)	10%	HR S 2 01 BX 185 K 2 * 3	007	247
M49470 X 01 185 M A *	1.8	5	.240 (6.10)	20%	HR S 2 01 BX 185 M 2 * 3	008	248
M49470 X 01 225 K A *	2.2	5	.240 (6.10)	10%	HR S 2 01 BX 225 K 2 * 3	009	249
M49470 X 01 225 M A *	2.2	5	.240 (6.10)	20%	HR S 2 01 BX 225 M 2 * 3	010	250
M49470 X 01 275 K A *	2.7	5	.360 (9.14)	10%	HR S 3 01 BX 275 K 2 * 3	011	251
M49470 X 01 275 M A *	2.7	5	.360 (9.14)	20%	HR S 3 01 BX 275 M 2 * 3	012	252
M49470 X 01 335 K A *	3.3	5	.360 (9.14)	10%	HR S 3 01 BX 335 K 2 * 3	013	253
M49470 X 01 335 M A *	3.3	5	.360 (9.14)	20%	HR S 3 01 BX 335 M 2 * 3	014	254
M49470 X 01 395 K A *	3.9	5	.480 (12.19)	10%	HR S 4 01 BX 395 K 2 * 3	015	255
M49470 X 01 395 M A *	3.9	5	.480 (12.19)	20%	HR S 4 01 BX 395 M 2 * 3	016	256
M49470 X 01 475 K A *	4.7	5	.480 (12.19)	10%	HR S 4 01 BX 475 K 2 * 3	017	257
M49470 X 01 475 M A *	4.7	5	.480 (12.19)	20%	HR S 4 01 BX 475 M 2 * 3	018	258
M49470 X 01 565 K A *	5.6	5	.650 (16.51)	10%	HR S 5 01 BX 565 K 2 * 3	019	259
M49470 X 01 565 M A *	5.6	5	.650 (16.51)	20%	HR S 5 01 BX 565 M 2 * 3	020	260
M49470 X 01 685 K A *	6.8	4	.360 (9.14)	10%	HR S 3 05 BX 685 K 2 * 4	223	261
M49470 X 01 685 M A *	6.8	4	.360 (9.14)	20%	HR S 3 05 BX 685 M 2 * 4	224	262
M49470 X 01 825 K A *	8.2	4	.360 (9.14)	10%	HR S 3 05 BX 825 K 2 * 4	021	263
M49470 X 01 825 M A *	8.2	4	.360 (9.14)	20%	HR S 3 05 BX 825 M 2 * 4	022	264
M49470 X 01 106 K A *	10	4	.480 (12.19)	10%	HR S 4 05 BX 106 K 2 * 4	023	265
M49470 X 01 106 M A *	10	4	.480 (12.19)	20%	HR S 4 05 BX 106 M 2 * 4	024	266
M49470 X 01 126 K A *	12	4	.480 (12.19)	10%	HR S 4 05 BX 126 K 2 * 4	025	267
M49470 X 01 126 M A *	12	4	.480 (12.19)	20%	HR S 4 05 BX 126 M 2 * 4	026	268
M49470 X 01 156 K A *	15	4	.650 (16.51)	10%	HR S 5 05 BX 156 K 2 * 4	027	269
M49470 X 01 156 M A *	15	4	.650 (16.51)	20%	HR S 5 05 BX 156 M 2 * 4	028	270
M49470 X 01 186 K A *	18	3	.240 (6.10)	10%	HR S 2 13 BX 186 K 2 * 10	029	271
M49470 X 01 186 M A *	18	3	.240 (6.10)	20%	HR S 2 13 BX 186 M 2 * 10	030	272
M49470 X 01 226 K A *	22	3	.360 (9.14)	10%	HR S 3 13 BX 226 K 2 * 10	031	273
M49470 X 01 226 M A *	22	3	.360 (9.14)	20%	HR S 3 13 BX 226 M 2 * 10	032	274
M49470 X 01 276 K A *	27	3	.360 (9.14)	10%	HR S 3 13 BX 276 K 2 * 10	033	275
M49470 X 01 276 M A *	27	3	.360 (9.14)	20%	HR S 3 13 BX 276 M 2 * 10	034	276
M49470 X 01 336 K A *	33	3	.360 (9.14)	10%	HR S 3 13 BX 336 K 2 * 10	035	277



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M49470 X 01 336 M A *	33	3	.360 (9.14)	20%	HR S 3 13 BX 336 M 2 * 10	036	278
M49470 X 01 396 K A *	39	3	.480 (12.19)	10%	HR S 4 13 BX 396 K 2 * 10	037	279
M49470 X 01 396 M A *	39	3	.480 (12.19)	20%	HR S 4 13 BX 396 M 2 * 10	038	280
M49470 X 01 476 K A *	47	3	.650 (16.51)	10%	HR S 5 13 BX 476 K 2 * 10	039	281
M49470 X 01 476 M A *	47	3	.650 (16.51)	20%	HR S 5 13 BX 476 M 2 * 10	040	282
M49470 X 01 566 K A *	56	1	.360 (9.14)	10%	HR S 3 19 BX 566 K 2 * 20	225	283
M49470 X 01 566 M A *	56	1	.360 (9.14)	20%	HR S 3 19 BX 566 M 2 * 20	226	284
M49470 X 01 686 K A *	68	1	.480 (12.19)	10%	HR S 4 19 BX 686 K 2 * 20	041	285
M49470 X 01 686 M A *	68	1	.480 (12.19)	20%	HR S 4 19 BX 686 M 2 * 20	042	286
M49470 X 01 826 K A *	82	1	.480 (12.19)	10%	HR S 4 19 BX 826 K 2 * 20	043	287
M49470 X 01 826 M A *	82	1	.480 (12.19)	20%	HR S 4 19 BX 826 M 2 * 20	044	288
M49470 X 01 107 K A *	100	1	.650 (16.51)	10%	HR S 5 19 BX 107 K 2 * 20	045	289
M49470 X 01 107 M A *	100	1	.650 (16.51)	20%	HR S 5 19 BX 107 M 2 * 20	046	290
M49470 X 01 127 K A *	120	2	.480 (12.19)	10%	HR S 4 15 BX 127 K 2 * 15	227	291
M49470 X 01 127 M A *	120	2	.480 (12.19)	20%	HR S 4 15 BX 127 M 2 * 15	228	292
M49470 X 01 157 K A *	150	2	.650 (16.51)	10%	HR S 5 15 BX 157 K 2 * 15	047	293
M49470 X 01 157 M A *	150	2	.650 (16.51)	20%	HR S 5 15 BX 157 M 2 * 15	048	294
M49470 X 01 187 K A *	180	6	.480 (12.19)	10%	HR S 4 18 BX 187 K 2 * 20	049	295
M49470 X 01 187 M A *	180	6	.480 (12.19)	20%	HR S 4 18 BX 187 M 2 * 20	050	296
M49470 X 01 227 K A *	220	6	.480 (12.19)	10%	HR S 4 18 BX 227 K 2 * 20	051	297
M49470 X 01 227 M A *	220	6	.480 (12.19)	20%	HR S 4 18 BX 227 M 2 * 20	052	298
M49470 X 01 277 K A *	270	6	.650 (16.51)	10%	HR S 5 18 BX 277 K 2 * 20	053	299
M49470 X 01 277 M A *	270	6	.650 (16.51)	20%	HR S 5 18 BX 277 M 2 * 20	054	300

Note 1: Asterisk (*) refers to lead style N through K; consult factory or DSCC website for qualification status.

Note 2: BP 5% tolerance available; consult factory.

MIL-PRF-49470 Part Number

<u>M49470</u>	<u>X</u>	<u>01</u>	<u>105</u>	<u>K</u>	<u>A</u>	<u>N</u>
Performance Specification Indicating MIL-PRF-49470 (for T Level parts substitute "T" for "M" in the above)	Characteristic (1.2.1.1)	Performance Specification Sheet Number Indicating MIL-PRF-49470/1	Capacitance Value (1.2.1.2)	J = 5% (BP only) K = 10% M = 20% Capacitance Tolerance (1.2.1.3)	Rated Voltage (1.2.1.4)	Lead Configuration (1.2.1.5)

