

# MIL-PRF-49470 STANDARD PROFILE

M for 20% tol.

MIL-PRF-49470 (change K to M for 20% tolerance)						Cross Reference from 87106			
Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part Number (change K to M for 20% tolerance)	87106-xxx N-Lead		87106-xxx J-Lead		
					K Tol.	M Tol.	K Tol.	M Tol.	
<b>50V</b>									
M49470 X 01 105 K A *	1.0	5	.120 (3.05)	10%	HR S 1 01 BX 105 K 2 * 3	001	002	241	242
M49470 X 01 125 K A *	1.2	5	.120 (3.05)	10%	HR S 1 01 BX 125 K 2 * 3	003	004	243	244
M49470 X 01 155 K A *	1.5	5	.240 (6.10)	10%	HR S 2 01 BX 155 K 2 * 3	005	006	245	246
M49470 X 01 185 K A *	1.8	5	.240 (6.10)	10%	HR S 2 01 BX 185 K 2 * 3	007	008	247	248
M49470 X 01 225 K A *	2.2	5	.240 (6.10)	10%	HR S 2 01 BX 225 K 2 * 3	009	010	249	250
M49470 X 01 275 K A *	2.7	5	.360 (9.14)	10%	HR S 3 01 BX 275 K 2 * 3	011	012	251	252
M49470 X 01 335 K A *	3.3	5	.360 (9.14)	10%	HR S 3 01 BX 335 K 2 * 3	013	014	253	254
M49470 X 01 395 K A *	3.9	5	.480 (12.19)	10%	HR S 4 01 BX 395 K 2 * 3	015	016	255	256
M49470 X 01 475 K A *	4.7	5	.480 (12.19)	10%	HR S 4 01 BX 475 K 2 * 3	017	018	257	258
M49470 X 01 565 K A *	5.6	5	.650 (16.51)	10%	HR S 5 01 BX 565 K 2 * 3	019	020	259	260
M49470 X 01 685 K A *	6.8	4	.360 (9.14)	10%	HR S 3 05 BX 685 K 2 * 4	223	224	261	262
M49470 X 01 825 K A *	8.2	4	.360 (9.14)	10%	HR S 3 05 BX 825 K 2 * 4	021	022	263	264
M49470 X 01 106 K A *	10	4	.480 (12.19)	10%	HR S 4 05 BX 106 K 2 * 4	023	024	265	266
M49470 X 01 126 K A *	12	4	.480 (12.19)	10%	HR S 4 05 BX 126 K 2 * 4	025	026	267	268
M49470 X 01 156 K A *	15	4	.650 (16.51)	10%	HR S 5 05 BX 156 K 2 * 4	027	028	269	270
M49470 X 01 186 K A *	18	3	.240 (6.10)	10%	HR S 2 13 BX 186 K 2 * 10	029	030	271	272
M49470 X 01 226 K A *	22	3	.360 (9.14)	10%	HR S 3 13 BX 226 K 2 * 10	031	032	273	274
M49470 X 01 276 K A *	27	3	.360 (9.14)	10%	HR S 3 13 BX 276 K 2 * 10	033	034	275	276
M49470 X 01 336 K A *	33	3	.360 (9.14)	10%	HR S 3 13 BX 336 K 2 * 10	035	036	277	278
M49470 X 01 396 K A *	39	3	.480 (12.19)	10%	HR S 4 13 BX 396 K 2 * 10	037	038	279	280
M49470 X 01 476 K A *	47	3	.650 (16.51)	10%	HR S 5 13 BX 476 K 2 * 10	039	040	281	282
M49470 X 01 566 K A *	56	1	.360 (9.14)	10%	HR S 3 19 BX 566 K 2 * 20	225	226	283	284
M49470 X 01 686 K A *	68	1	.480 (12.19)	10%	HR S 4 19 BX 686 K 2 * 20	041	042	285	286
M49470 X 01 826 K A *	82	1	.480 (12.19)	10%	HR S 4 19 BX 826 K 2 * 20	043	044	287	288
M49470 X 01 107 K A *	100	1	.650 (16.51)	10%	HR S 5 19 BX 107 K 2 * 20	045	046	289	290
M49470 X 01 127 K A *	120	2	.480 (12.19)	10%	HR S 4 15 BX 127 K 2 * 15	227	228	291	292
M49470 X 01 157 K A *	150	2	.650 (16.51)	10%	HR S 5 15 BX 157 K 2 * 15	047	048	293	294
M49470 X 01 187 K A *	180	6	.480 (12.19)	10%	HR S 4 18 BX 187 K 2 * 20	049	050	295	296
M49470 X 01 227 K A *	220	6	.480 (12.19)	10%	HR S 4 18 BX 227 K 2 * 20	051	052	297	298
M49470 X 01 277 K A *	270	6	.650 (16.51)	10%	HR S 5 18 BX 277 K 2 * 20	053	054	299	300

						K Tol.	M Tol.	K Tol.	M Tol.
<b>100V</b>									
M49470 X 01 684 K B *	.68	5	.120 (3.05)	10%	HR S 1 01 BX 684 K 3 * 3	055	056	301	302
M49470 X 01 824 K B *	.82	5	.240 (6.10)	10%	HR S 2 01 BX 824 K 3 * 3	057	058	303	304
M49470 X 01 105 K B *	1.0	5	.240 (6.10)	10%	HR S 2 01 BX 105 K 3 * 3	059	060	305	306
M49470 X 01 125 K B *	1.2	5	.240 (6.10)	10%	HR S 2 01 BX 125 K 3 * 3	061	062	307	308
M49470 X 01 155 K B *	1.5	5	.360 (9.14)	10%	HR S 3 01 BX 155 K 3 * 3	063	063	309	310
M49470 X 01 185 K B *	1.8	5	.360 (9.14)	10%	HR S 3 01 BX 185 K 3 * 3	065	066	311	312
M49470 X 01 225 K B *	2.2	5	.480 (12.19)	10%	HR S 4 01 BX 225 K 3 * 3	067	068	313	314
M49470 X 01 275 K B *	2.7	5	.480 (12.19)	10%	HR S 4 01 BX 275 K 3 * 3	069	070	315	316
M49470 X 01 335 K B *	3.3	5	.650 (16.51)	10%	HR S 5 01 BX 335 K 3 * 3	071	072	317	318
M49470 X 01 395 K B *	3.9	4	.360 (9.14)	10%	HR S 3 05 BX 395 K 3 * 4	073	074	319	320
M49470 X 01 475 K B *	4.7	4	.360 (9.14)	10%	HR S 3 05 BX 475 K 3 * 4	075	076	321	322
M49470 X 01 565 K B *	5.6	4	.480 (12.19)	10%	HR S 4 05 BX 565 K 3 * 4	077	078	323	324
M49470 X 01 685 K B *	6.8	4	.480 (12.19)	10%	HR S 4 05 BX 685 K 3 * 4	079	080	325	326
M49470 X 01 825 K B *	8.2	4	.650 (16.51)	10%	HR S 5 05 BX 825 K 3 * 4	081	082	327	328
M49470 X 01 106 K B *	10	3	.240 (6.10)	10%	HR S 2 13 BX 106 K 3 * 10	229	230	329	330
M49470 X 01 126 K B *	12	3	.240 (6.10)	10%	HR S 2 13 BX 126 K 3 * 10	083	084	331	332
M49470 X 01 156 K B *	15	3	.360 (9.14)	10%	HR S 3 13 BX 156 K 3 * 10	085	086	333	334
M49470 X 01 186 K B *	18	3	.360 (9.14)	10%	HR S 3 13 BX 186 K 3 * 10	087	088	335	336
M49470 X 01 226 K B *	22	3	.480 (12.19)	10%	HR S 4 13 BX 226 K 3 * 10	089	090	337	338
M49470 X 01 276 K B *	27	3	.650 (16.51)	10%	HR S 5 13 BX 276 K 3 * 10	091	092	339	340
M49470 X 01 336 K B *	33	1	.360 (9.14)	10%	HR S 3 19 BX 336 K 3 * 20	093	094	341	342
M49470 X 01 396 K B *	39	1	.480 (12.19)	10%	HR S 4 19 BX 396 K 3 * 20	095	096	343	344
M49470 X 01 476 K B *	47	1	.480 (12.19)	10%	HR S 4 19 BX 476 K 3 * 20	097	098	345	346
M49470 X 01 566 K B *	56	1	.650 (16.51)	10%	HR S 5 19 BX 566 K 3 * 20	099	100	347	348
M49470 X 01 686 K B *	68	2	.480 (12.19)	10%	HR S 4 15 BX 686 K 3 * 15	101	102	349	350
M49470 X 01 826 K B *	82	2	.650 (16.51)	10%	HR S 5 15 BX 826 K 3 * 15	103	104	351	352
M49470 X 01 107 K B *	100	6	.360 (9.14)	10%	HR S 3 18 BX 107 K 3 * 20	105	106	353	354
M49470 X 01 127 K B *	120	6	.360 (9.14)	10%	HR S 3 18 BX 127 K 3 * 20	107	108	355	356
M49470 X 01 157 K B *	150	6	.480 (12.19)	10%	HR S 4 18 BX 157 K 3 * 20	109	110	357	358
M49470 X 01 187 K B *	180	6	.650 (16.51)	10%	HR S 5 18 BX 187 K 3 * 20	111	112	359	360

**Note 1:** Asterisk (\*) refers to lead style N through K; consult factory or DSCC website for qualification status.  
**Note 2:** Parts can also be ordered with 20% cap tolerance; include "M" in the Presidio part number. Example: HR S 1 01 BX 105 M 2 \* 3  
**Note 3:** BP 5% tolerance available; consult factory

## MIL-PRF-49470 P/N

<b>M49470</b>	<b>X</b>	<b>01</b>	<b>105</b>	<b>K</b>	<b>A</b>	<b>N</b>
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% K = 10% M = 20% Capacitance Tolerance (1.2.1.3)	Rated Voltage (1.2.1.4)	Lead Configuration (1.2.1.5)

Call for 5% tol. (BP only)



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# MIL-PRF-49470 STANDARD PROFILE

M for 20% tol.

Cross Reference from 87106

MIL-PRF-49470 (change K to M for 20% tolerance)	Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part Number (change K to M for 20% tolerance)	Cross Reference from 87106			
						87106-xxx N-Lead		87106-xxx J-Lead	
						K Tol.	M Tol.	K Tol.	M Tol.
<b>200V</b>									
M49470 R 01 474 K C *	.47	5	.240 (6.10)	10%	HR S 2 01 BR 474 K 4 * 3	113	114	361	362
M49470 R 01 564 K C *	.56	5	.240 (6.10)	10%	HR S 2 01 BR 564 K 4 * 3	115	116	363	364
M49470 R 01 684 K C *	.68	5	.360 (9.14)	10%	HR S 3 01 BR 684 K 4 * 3	117	118	365	366
M49470 R 01 824 K C *	.82	5	.360 (9.14)	10%	HR S 3 01 BR 824 K 4 * 3	119	120	367	368
M49470 R 01 105 K C *	1.0	5	.480 (12.19)	10%	HR S 4 01 BR 105 K 4 * 3	121	122	369	370
M49470 R 01 125 K C *	1.2	5	.480 (12.19)	10%	HR S 4 01 BR 125 K 4 * 3	123	124	371	372
M49470 R 01 155 K C *	1.5	5	.650 (16.51)	10%	HR S 5 01 BR 155 K 4 * 3	125	126	373	374
M49470 R 01 185 K C *	1.8	4	.360 (9.14)	10%	HR S 3 05 BR 185 K 4 * 4	127	128	375	376
M49470 R 01 225 K C *	2.2	4	.360 (9.14)	10%	HR S 3 05 BR 225 K 4 * 4	129	130	377	378
M49470 R 01 275 K C *	2.7	4	.480 (12.19)	10%	HR S 4 05 BR 275 K 4 * 4	131	132	379	380
M49470 R 01 335 K C *	3.3	4	.480 (12.19)	10%	HR S 4 05 BR 335 K 4 * 4	133	134	381	382
M49470 R 01 395 K C *	3.9	4	.650 (16.51)	10%	HR S 5 05 BR 395 K 4 * 4	135	136	383	384
M49470 R 01 475 K C *	4.7	3	.240 (6.10)	10%	HR S 2 13 BR 475 K 4 * 10	137	138	385	386
M49470 R 01 565 K C *	5.6	3	.240 (6.10)	10%	HR S 2 13 BR 565 K 4 * 10	139	140	387	388
M49470 R 01 685 K C *	6.8	3	.360 (9.14)	10%	HR S 3 13 BR 685 K 4 * 10	141	142	389	390
M49470 R 01 825 K C *	8.2	3	.360 (9.14)	10%	HR S 3 13 BR 825 K 4 * 10	143	144	391	392
M49470 R 01 106 K C *	10	3	.480 (12.19)	10%	HR S 4 13 BR 106 K 4 * 10	145	146	393	394
M49470 R 01 126 K C *	12	3	.650 (16.51)	10%	HR S 5 13 BR 126 K 4 * 10	147	148	395	396
M49470 R 01 156 K C *	15	1	.360 (9.14)	10%	HR S 3 19 BR 156 K 4 * 20	149	150	397	398
M49470 R 01 186 K C *	18	1	.480 (12.19)	10%	HR S 4 19 BR 186 K 4 * 20	151	152	399	400
M49470 R 01 226 K C *	22	1	.650 (16.51)	10%	HR S 5 19 BR 226 K 4 * 20	153	154	401	402
M49470 R 01 276 K C *	27	1	.650 (16.51)	10%	HR S 5 19 BR 276 K 4 * 20	155	156	403	404
M49470 R 01 336 K C *	33	2	.480 (12.19)	10%	HR S 4 15 BR 336 K 4 * 15	157	158	405	406
M49470 R 01 396 K C *	39	2	.650 (16.51)	10%	HR S 4 15 BR 396 K 4 * 15	159	160	407	408
M49470 R 01 476 K C *	47	6	.240 (6.10)	10%	HR S 2 18 BR 476 K 4 * 20	161	162	409	410
M49470 R 01 566 K C *	56	6	.360 (9.14)	10%	HR S 3 18 BR 566 K 4 * 20	163	164	411	412
M49470 R 01 686 K C *	68	6	.360 (9.14)	10%	HR S 3 18 BR 686 K 4 * 20	165	166	413	414
M49470 R 01 826 K C *	82	6	.480 (12.19)	10%	HR S 4 18 BR 826 K 4 * 20	167	168	415	416
M49470 R 01 107 K C *	100	6	.650 (16.51)	10%	HR S 5 18 BR 107 K 4 * 20	169	170	417	418
M49470 R 01 127 K C *	120	6	.650 (16.51)	10%	HR S 5 18 BR 127 K 4 * 20	171	172	419	420

						K Tol.	M Tol.	K Tol.	M Tol.
<b>500V</b>									
M49470 Q 01 154 K E *	.15	5	.120 (3.05)	10%	HR S 1 01 BQ 154 K 6 * 3	173	174	421	422
M49470 Q 01 184 K E *	.18	5	.240 (6.10)	10%	HR S 2 01 BQ 184 K 6 * 3	175	176	423	424
M49470 Q 01 224 K E *	.22	5	.240 (6.10)	10%	HR S 2 01 BQ 224 K 6 * 3	177	178	425	426
M49470 Q 01 274 K E *	.27	5	.240 (6.10)	10%	HR S 2 01 BQ 274 K 6 * 3	179	180	427	428
M49470 Q 01 334 K E *	.33	5	.360 (9.14)	10%	HR S 3 01 BQ 334 K 6 * 3	181	182	429	430
M49470 Q 01 394 K E *	.39	5	.360 (9.14)	10%	HR S 3 01 BQ 394 K 6 * 3	183	184	431	432
M49470 Q 01 474 K E *	.47	5	.360 (9.14)	10%	HR S 3 01 BQ 474 K 6 * 3	185	186	433	434
M49470 Q 01 564 K E *	.56	5	.480 (12.19)	10%	HR S 4 01 BQ 564 K 6 * 3	187	188	435	436
M49470 Q 01 684 K E *	.68	5	.650 (16.51)	10%	HR S 5 01 BQ 684 K 6 * 3	189	190	437	438
M49470 Q 01 824 K E *	.82	4	.360 (9.14)	10%	HR S 3 05 BQ 824 K 6 * 4	231	232	439	440
M49470 Q 01 105 K E *	1.0	4	.360 (9.14)	10%	HR S 3 05 BQ 105 K 6 * 4	191	192	441	442
M49470 Q 01 125 K E *	1.2	4	.360 (9.14)	10%	HR S 3 05 BQ 125 K 6 * 4	193	194	443	444
M49470 Q 01 155 K E *	1.5	4	.480 (12.19)	10%	HR S 4 05 BQ 155 K 6 * 4	195	196	445	446
M49470 Q 01 185 K E *	1.8	4	.650 (16.51)	10%	HR S 5 05 BQ 185 K 6 * 4	197	198	447	448
M49470 Q 01 225 K E *	2.2	3	.240 (6.10)	10%	HR S 2 13 BQ 225 K 6 * 10	233	234	449	450
M49470 Q 01 275 K E *	2.7	3	.360 (9.14)	10%	HR S 3 13 BQ 275 K 6 * 10	199	200	451	452
M49470 Q 01 335 K E *	3.3	3	.360 (9.14)	10%	HR S 3 13 BQ 335 K 6 * 10	201	202	453	454
M49470 Q 01 395 K E *	3.9	3	.360 (9.14)	10%	HR S 3 13 BQ 395 K 6 * 10	203	204	455	456
M49470 Q 01 475 K E *	4.7	3	.480 (12.19)	10%	HR S 4 13 BQ 475 K 6 * 10	205	206	457	458
M49470 Q 01 565 K E *	5.6	3	.650 (16.51)	10%	HR S 5 13 BQ 565 K 6 * 10	207	208	459	460
M49470 Q 01 685 K E *	6.8	1	.480 (12.19)	10%	HR S 4 19 BQ 685 K 6 * 20	235	236	461	462
M49470 Q 01 825 K E *	8.2	1	.480 (12.19)	10%	HR S 4 19 BQ 825 K 6 * 20	209	210	463	464
M49470 Q 01 106 K E *	10	1	.480 (12.19)	10%	HR S 4 19 BQ 106 K 6 * 20	211	212	465	466
M49470 Q 01 126 K E *	12	1	.650 (16.51)	10%	HR S 5 19 BQ 126 K 6 * 20	213	214	467	468
M49470 Q 01 156 K E *	15	2	.650 (16.51)	10%	HR S 5 15 BQ 156 K 6 * 15	237	238	469	470
M49470 Q 01 186 K E *	18	2	.650 (16.51)	10%	HR S 4 15 BQ 186 K 6 * 15	215	216	471	472
M49470 Q 01 226 K E *	22	6	.360 (9.14)	10%	HR S 3 18 BQ 226 K 6 * 20	239	240	473	474
M49470 Q 01 276 K E *	27	6	.360 (9.14)	10%	HR S 3 18 BQ 276 K 6 * 20	217	218	475	476
M49470 Q 01 336 K E *	33	6	.480 (12.19)	10%	HR S 4 18 BQ 336 K 6 * 20	219	220	477	478
M49470 Q 01 396 K E *	39	6	.650 (16.51)	10%	HR S 4 18 BQ 396 K 6 * 20	221	222	479	480

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

**Note 2:** Parts can also be ordered with 20% cap tolerance; include "M" in the Presidio part number. Example: HR S 2 01 BX 105 M 2 \* 3

**Note 3:** BP available; consult factory

## MIL-PRF-49470 P/N

<b>M49470</b>	<b>X</b>	<b>01</b>	<b>684</b>	<b>K</b>	<b>B</b>	<b>N</b>
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% K = 10% M = 20% Capacitance Tolerance (1.2.1.3)	Rated Voltage (1.2.1.4)	Lead Configuration (1.2.1.5)

Call for 5% tol. (BP only)



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