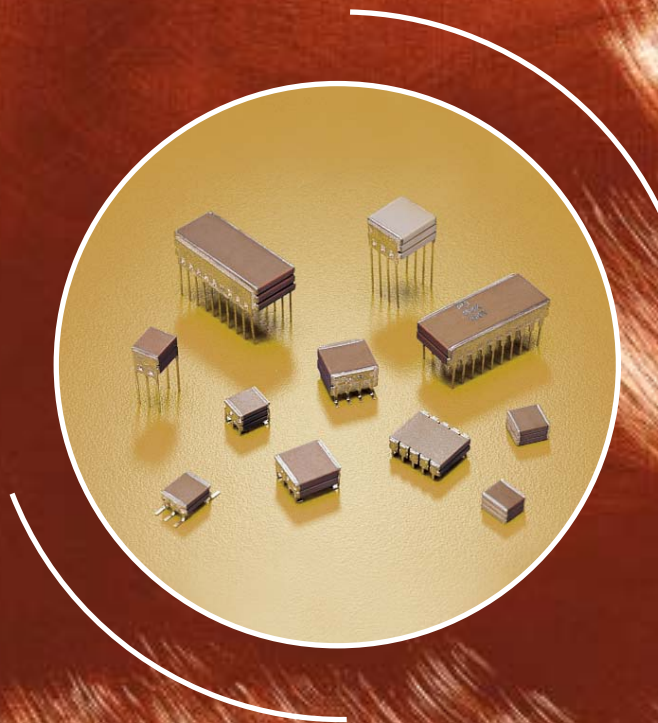


STACKED/SMPS CAPACITORS



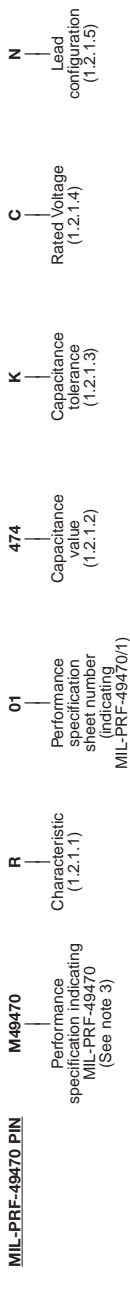
**MIL-PRF-49470 VS 87106**  
**Cross Reference**

87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt
001	M49470X01105KAN	1.0	5	50	049	M49470X01187KAN	180	6	50	097	M49470X01476KBN	47	1	100	145	M49470R01106KCN	10	3	200
002	M49470X01105MAN	1.0	5	50	050	M49470X01187MAN	180	6	50	098	M49470X01476MBN	47	1	100	146	M49470R01106MCN	10	3	200
003	M49470X01125KAN	1.2	5	50	051	M49470X01227KAN	220	6	50	099	M49470X01566KBN	56	1	100	147	M49470R01126KCN	12	3	200
004	M49470X01125MAN	1.2	5	50	052	M49470X01227MAN	220	6	50	100	M49470X01566MBN	56	1	100	148	M49470R01126MCN	12	3	200
005	M49470X01155KAN	1.5	5	50	053	M49470X01277KAN	270	6	50	101	M49470X01686KBN	68	2	100	149	M49470R01156KCN	15	1	200
006	M49470X01155MAN	1.5	5	50	054	M49470X01277MAN	270	6	50	102	M49470X01686MBN	68	2	100	150	M49470R01156MCN	15	1	200
007	M49470X01185KAN	1.8	5	50	055	M49470X01684KBN	.68	5	100	103	M49470X01826KBN	82	2	100	151	M49470R01186KCN	18	1	200
008	M49470X01185MAN	1.8	5	50	056	M49470X01684MBN	.68	5	100	104	M49470X01826MBN	82	2	100	152	M49470R01186MCN	18	1	200
009	M49470X01225KAN	2.2	5	50	057	M49470X01824KBN	.82	5	100	105	M49470X01107KBN	100	6	100	153	M49470R01226KCN	22	1	200
010	M49470X01225MAN	2.2	5	50	058	M49470X01824MBN	.82	5	100	106	M49470X01107MBN	100	6	100	154	M49470R01226MCN	22	1	200
011	M49470X01275KAN	2.7	5	50	059	M49470X01105KBN	1.0	5	100	107	M49470X01127KBN	120	6	100	155	M49470R01276KCN	27	1	200
012	M49470X01275MAN	2.7	5	50	060	M49470X01105MBN	1.0	5	100	108	M49470X01127MBN	120	6	100	156	M49470R01276MCN	27	1	200
013	M49470X01395KAN	3.3	5	50	061	M49470X01125KBN	1.2	5	100	109	M49470X01157KBN	150	6	100	157	M49470R01336KCN	33	2	200
014	M49470X01395MAN	3.3	5	50	062	M49470X01125MBN	1.2	5	100	110	M49470X01157MBN	150	6	100	158	M49470R01336MCN	33	2	200
015	M49470X01395KAN	3.9	5	50	063	M49470X01155KBN	1.5	5	100	111	M49470X01187KBN	180	6	100	159	M49470R01396KCN	39	2	200
016	M49470X01395MAN	3.9	5	50	064	M49470X01155MBN	1.5	5	100	112	M49470X01187MBN	180	6	100	160	M49470R01396MCN	39	2	200
017	M49470X01475KAN	4.7	5	50	065	M49470X01185KBN	1.8	5	100	113	M49470R01474KCN	.47	5	200	161	M49470R01476KCN	47	6	200
018	M49470X01475MAN	4.7	5	50	066	M49470X01185MBN	1.8	5	100	114	M49470R01474MCN	.47	5	200	162	M49470R01476MCN	47	6	200
019	M49470X01565KAN	5.6	5	50	067	M49470X01225KBN	2.2	5	100	115	M49470R01564KCN	.56	5	200	163	M49470R01566KCN	56	6	200
020	M49470X01565MAN	5.6	5	50	068	M49470X01225MBN	2.2	5	100	116	M49470R01564MCN	.56	5	200	164	M49470R01566MCN	56	6	200
021	M49470X01825KAN	8.2	4	50	069	M49470X01275KBN	2.7	5	100	117	M49470R01684KCN	.68	5	200	165	M49470R01686KCN	68	6	200
022	M49470X01825MAN	8.2	4	50	070	M49470X01275MBN	2.7	5	100	118	M49470R01684MCN	.68	5	200	166	M49470R01686MCN	68	6	200
023	M49470X01106KAN	10	4	50	071	M49470X01335KBN	3.3	5	100	119	M49470R01824KCN	.82	5	200	167	M49470R01826KCN	82	6	200
024	M49470X01106MAN	10	4	50	072	M49470X01335MBN	3.3	5	100	120	M49470R01824MCN	.82	5	200	168	M49470R01826MCN	82	6	200
025	M49470X01126KAN	12	4	50	073	M49470X01395KBN	3.9	4	100	121	M49470R01105KCN	1.0	5	200	169	M49470R01107KCN	100	6	200
026	M49470X01126MAN	12	4	50	074	M49470X01395MBN	3.9	4	100	122	M49470R01105MCN	1.0	5	200	170	M49470R01107MCN	100	6	200
027	M49470X01156KAN	15	4	50	075	M49470X01475KBN	4.7	4	100	123	M49470R01125KCN	1.2	5	200	171	M49470R01127KCN	120	6	200
028	M49470X01156MAN	15	4	50	076	M49470X01475MBN	4.7	4	100	124	M49470R01125MCN	1.2	5	200	172	M49470R01127MCN	120	6	200
029	M49470X01186KAN	18	3	50	077	M49470X01565KBN	5.6	4	100	125	M49470R01155KCN	1.5	5	200	173	M49470Q01154KEN	.15	5	500
030	M49470X01186MAN	18	3	50	078	M49470X01565MBN	5.6	4	100	126	M49470R01155MCN	1.5	5	200	174	M49470Q01154MEN	.15	5	500
031	M49470X01226KAN	22	3	50	079	M49470X01685KBN	6.8	4	100	127	M49470R01185KCN	1.8	4	200	175	M49470Q01184KEN	.18	5	500
032	M49470X01226MAN	22	3	50	080	M49470X01685MBN	6.8	4	100	128	M49470R01185MCN	1.8	4	200	176	M49470Q01184MEN	.18	5	500
033	M49470X01276KAN	27	3	50	081	M49470X01825KBN	8.2	4	100	129	M49470R01225KCN	2.2	4	200	177	M49470Q01224KEN	.22	5	500
034	M49470X01276MAN	27	3	50	082	M49470X01825MBN	8.2	4	100	130	M49470R01225MCN	2.2	4	200	178	M49470Q01224MEN	.22	5	500
035	M49470X01336KAN	33	3	50	083	M49470X01126KBN	12	3	100	131	M49470R01275KCN	2.7	4	200	179	M49470Q01274KEN	.27	5	500
036	M49470X01336MAN	33	3	50	084	M49470X01126MBN	12	3	100	132	M49470R01275MCN	2.7	4	200	180	M49470Q01274MEN	.27	5	500
037	M49470X01396KAN	39	3	50	085	M49470X01156KBN	15	3	100	133	M49470R01335KCN	3.3	4	200	181	M49470Q01334KEN	.33	5	500
038	M49470X01396MAN	39	3	50	086	M49470X01156MBN	15	3	100	134	M49470R01335MCN	3.3	4	200	182	M49470Q01334MEN	.33	5	500
039	M49470X01476KAN	47	3	50	087	M49470X01186KBN	18	3	100	135	M49470R01395KCN	3.9	4	200	183	M49470Q01394KEN	.39	5	500
040	M49470X01476MAN	47	3	50	088	M49470X01186MBN	18	3	100	136	M49470R01395MCN	3.9	4	200	184	M49470Q01394MEN	.39	5	500
041	M49470X01686KAN	68	1	50	089	M49470X01226KBN	22	3	100	137	M49470R01475KCN	4.7	3	200	185	M49470Q01474KEN	.47	5	500
042	M49470X01686MAN	68	1	50	090	M49470X01226MBN	22	3	100	138	M49470R01475MCN	4.7	3	200	186	M49470Q01474MEN	.47	5	500
043	M49470X01826KAN	82	1	50	091	M49470X01276KBN	27	3	100	139	M49470R01565KCN	5.6	3	200	187	M49470Q01564KEN	.56	5	500
044	M49470X01826MAN	82	1	50	092	M49470X01276MBN	27	3	100	140	M49470R01565MCN	5.6	3	200	188	M49470Q01564MEN	.56	5	500
045	M49470X01107KAN	100	1	50	093	M49470X01336KBN	33	1	100	141	M49470R01685KCN	6.8	3	200	189	M49470Q01684KEN	.68	5	500
046	M49470X01107MAN	100	1	50	094	M49470X01336MBN	33	1	100	142	M49470R01685MCN	6.8	3	200	190	M49470Q01684MEN	.68	5	500
047	M49470X01157KAN	150	2	50	095	M49470X01396KBN	39	1	100	143	M49470R01825KCN	8.2	3	200	191	M49470Q01105KEN	1.0	4	500
048	M49470X01157MAN	150	2	50	096	M49470X01396MBN	39	1	100	144	M49470R01825MCN	8.2	3	200	192	M49470Q01105MEN	1.0	4	500

87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt
193	M49470Q01125KEN	1.2	4	500	241	M49470X01105KAJ	1.0	5	50	289	M49470X01107KAJ	100	1	50	337	M49470X01226KBJ	22	3	100
194	M49470Q01125MEN	1.2	4	500	242	M49470X01105MAJ	1.0	5	50	290	M49470X01107MAJ	100	1	50	338	M49470X01226MBJ	22	3	100
195	M49470Q01155KEN	1.5	4	500	243	M49470X01125KAJ	1.2	5	50	291	M49470X01127KAJ	120	2	50	339	M49470X01276KBJ	27	3	100
196	M49470Q01155MEN	1.5	4	500	244	M49470X01125MAJ	1.2	5	50	292	M49470X01127MAJ	120	2	50	340	M49470X01276MBJ	27	3	100
197	M49470Q01185KEN	1.8	4	500	245	M49470X01155KAJ	1.5	5	50	293	M49470X01157KAJ	150	2	50	341	M49470X01336KBJ	33	1	100
198	M49470Q01185MEN	1.8	4	500	246	M49470X01155MAJ	1.5	5	50	294	M49470X01157MAJ	150	2	50	342	M49470X01336MBJ	33	1	100
199	M49470Q01275KEN	2.7	3	500	247	M49470X01185KAJ	1.8	5	50	295	M49470X01187KAJ	180	6	50	343	M49470X01396KBJ	39	1	100
200	M49470Q01275MEN	2.7	3	500	248	M49470X01185MAJ	1.8	5	50	296	M49470X01187MAJ	180	6	50	344	M49470X01396MBJ	39	1	100
201	M49470Q01335KEN	3.3	3	500	249	M49470X01225KAJ	2.2	5	50	297	M49470X01227KAJ	220	6	50	345	M49470X01476KBJ	47	1	100
202	M49470Q01335MEN	3.3	3	500	250	M49470X01225MAJ	2.2	5	50	298	M49470X01227MAJ	220	6	50	346	M49470X01476MBJ	47	1	100
203	M49470Q01395KEN	3.9	3	500	251	M49470X01275KAJ	2.7	5	50	299	M49470X01277KAJ	270	6	50	347	M49470X01566KBJ	56	1	100
204	M49470Q01395MEN	3.9	3	500	252	M49470X01275MAJ	2.7	5	50	300	M49470X01277MAJ	270	6	50	348	M49470X01566MBJ	56	1	100
205	M49470Q01475KEN	4.7	3	500	253	M49470X01335KAJ	3.3	5	50	301	M49470X01684KBJ	68	5	100	349	M49470X01686KBJ	68	2	100
206	M49470Q01475MEN	4.7	3	500	254	M49470X01335MAJ	3.3	5	50	302	M49470X01684MBJ	68	5	100	350	M49470X01686MBJ	68	2	100
207	M49470Q01565KEN	5.6	3	500	255	M49470X01395KAJ	3.9	5	50	303	M49470X01824KBJ	82	5	100	351	M49470X01826KBJ	82	2	100
208	M49470Q01565MEN	5.6	3	500	256	M49470X01395MAJ	3.9	5	50	304	M49470X01824MBJ	82	5	100	352	M49470X01826MBJ	82	2	100
209	M49470Q01825KEN	8.2	1	500	257	M49470X01475KAJ	4.7	5	50	305	M49470X01105KBJ	1.0	5	100	353	M49470X01107KBJ	100	6	100
210	M49470Q01825MEN	8.2	1	500	258	M49470X01475MAJ	4.7	5	50	306	M49470X01105MBJ	1.0	5	100	354	M49470X01107MBJ	100	6	100
211	M49470Q01106KEN	10	1	500	259	M49470X01565KAJ	5.6	5	50	307	M49470X0125KBJ	1.2	5	100	355	M49470X01127KBJ	120	6	100
212	M49470Q01106MEN	10	1	500	260	M49470X01565MAJ	5.6	5	50	308	M49470X0125MBJ	1.2	5	100	356	M49470X01127MBJ	120	6	100
213	M49470Q01126KEN	12	1	500	261	M49470X01685KAJ	6.8	4	50	309	M49470X01155KBJ	1.5	5	100	357	M49470X01157KBJ	150	6	100
214	M49470Q01126MEN	12	1	500	262	M49470X01685MAJ	6.8	4	50	310	M49470X01155MBJ	1.5	5	100	358	M49470X01157MBJ	150	6	100
215	M49470Q01186KEN	18	2	500	263	M49470X01825KAJ	8.2	4	50	311	M49470X01185KBJ	1.8	5	100	359	M49470X01187KBJ	180	6	100
216	M49470Q01186MEN	18	2	500	264	M49470X01825MAJ	8.2	4	50	312	M49470X01185MBJ	1.8	5	100	360	M49470X01187MBJ	180	6	100
217	M49470Q01276KEN	27	6	500	265	M49470X01106KAJ	10	4	50	313	M49470X01225KBJ	2.2	5	100	361	M49470R01474KCKJ	.47	5	200
218	M49470Q01276MEN	27	6	500	266	M49470X01106MAJ	10	4	50	314	M49470X01225MBJ	2.2	5	100	362	M49470R01474KCKJ	.47	5	200
219	M49470Q01336KEN	33	6	500	267	M49470X01126KAJ	12	4	50	315	M49470X01275KBJ	2.7	5	100	363	M49470R01564KCKJ	.56	5	200
220	M49470Q01336MEN	33	6	500	268	M49470X01126MAJ	12	4	50	316	M49470X01275MBJ	2.7	5	100	364	M49470R01564KCKJ	.56	5	200
221	M49470Q01396KEN	39	6	500	269	M49470X01156KAJ	15	4	50	317	M49470X01335KBJ	3.3	5	100	365	M49470R01684KCKJ	.68	5	200
222	M49470Q01396MEN	39	6	500	270	M49470X01156MAJ	15	4	50	318	M49470X01335MBJ	3.3	5	100	366	M49470R01684KCKJ	.68	5	200
223	M49470Q01685KAN	6.8	4	50	271	M49470X01186KAJ	18	3	50	319	M49470X01395KBJ	3.9	4	100	367	M49470R01824KCKJ	.82	5	200
224	M49470Q01685MAN	6.8	4	50	272	M49470X01186MAJ	18	3	50	320	M49470X01395MBJ	3.9	4	100	368	M49470R01824KCKJ	.82	5	200
225	M49470Q01566KAN	56	1	50	273	M49470X01226KAJ	22	3	50	321	M49470X01475KBJ	4.7	4	100	369	M49470R01105KCKJ	1.0	5	200
226	M49470Q01566MAN	56	1	50	274	M49470X01226MAJ	22	3	50	322	M49470X01475MBJ	4.7	4	100	370	M49470R01105KCKJ	1.0	5	200
227	M49470Q01127KAN	120	2	50	275	M49470X01276KAJ	27	3	50	323	M49470X01565KBJ	5.6	4	100	371	M49470R01125KCKJ	1.2	5	200
228	M49470Q01127KAN	120	2	50	276	M49470X01276MAJ	27	3	50	324	M49470X01565MBJ	5.6	4	100	372	M49470R01125KCKJ	1.2	5	200
229	M49470Q01106KBN	10	3	100	277	M49470X01336KAJ	33	3	50	325	M49470X01685KBJ	6.8	4	100	373	M49470R01155KCKJ	1.5	5	200
230	M49470Q01106MBN	10	3	100	278	M49470X01336MAJ	33	3	50	326	M49470X01685MBJ	6.8	4	100	374	M49470R01155KCKJ	1.5	5	200
231	M49470Q01824KEN	.82	4	500	279	M49470X01396KAJ	39	3	50	327	M49470X01825KBJ	8.2	4	100	375	M49470R01186KCKJ	1.8	4	200
232	M49470Q01824MEN	.82	4	500	280	M49470X01396MAJ	39	3	50	328	M49470X01825MBJ	8.2	4	100	376	M49470R01186KCKJ	1.8	4	200
233	M49470Q01225KEN	2.2	3	500	281	M49470X01476KAJ	47	3	50	329	M49470X01106KBJ	10	3	100	377	M49470R01225KCKJ	2.2	4	200
234	M49470Q01225MEN	2.2	3	500	282	M49470X01476MAJ	47	3	50	330	M49470X01106MBJ	10	3	100	378	M49470R01225KCKJ	2.2	4	200
235	M49470Q01685KEN	6.8	1	500	283	M49470X01566KAJ	56	1	50	331	M49470X01126KBJ	12	3	100	379	M49470R01275KCKJ	2.7	4	200
236	M49470Q01685MEN	6.8	1	500	284	M49470X01566MAJ	56	1	50	332	M49470X01126MBJ	12	3	100	380	M49470R01275KCKJ	2.7	4	200
237	M49470Q01156KEN	15	2	500	285	M49470X01686KAJ	68	1	50	333	M49470X01156KBJ	15	3	100	381	M49470R01335KCKJ	3.3	4	200
238	M49470Q01156MEN	15	2	500	286	M49470X01686MAJ	68	1	50	334	M49470X01156MBJ	15	3	100	382	M49470R01335KCKJ	3.3	4	200
239	M49470Q01226KEN	22	6	500	287	M49470X01826KAJ	82	1	50	335	M49470X01186KBJ	18	3	100	383	M49470R01395KCKJ	3.9	4	200
240	M49470Q01226MEN	22	6	500	288	M49470X01826MAJ	82	1	50	336	M49470X01186MBJ	18	3	100	384	M49470R01395KCKJ	3.9	4	200

87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt	87106-	MIL-PRF-49470	Cap	Case	Volt
385	M49470R01475KCJ	4.7	3	200	409	M49470R01476KCJ	47	6	200	433	M49470Q01474KEJ	.47	5	500	457	M49470Q01475KEJ	4.7	3	500
386	M49470R01475MCJ	4.7	3	200	410	M49470R01476MCJ	47	6	200	434	M49470Q01474MEJ	.47	5	500	458	M49470Q01475MEJ	4.7	3	500
387	M49470R01565KCJ	5.6	3	200	411	M49470R01566KCJ	56	6	200	435	M49470Q01565KEJ	.56	5	500	459	M49470Q01566KEJ	5.6	3	500
388	M49470R01565MCJ	5.6	3	200	412	M49470R01566MCJ	56	6	200	436	M49470Q01564MEJ	.56	5	500	460	M49470Q01565MEJ	5.6	3	500
389	M49470R01685KCJ	6.8	3	200	413	M49470R01686KCJ	68	6	200	437	M49470Q01684KEJ	.68	5	500	461	M49470Q01685KEJ	6.8	1	500
390	M49470R01685MCJ	6.8	3	200	414	M49470R01686MCJ	68	6	200	438	M49470Q01684MEJ	.68	5	500	462	M49470Q01685MEJ	6.8	1	500
391	M49470R01825KCJ	8.2	3	200	415	M49470R01826KCJ	82	6	200	439	M49470Q01824KEJ	.82	4	500	463	M49470Q01825KEJ	8.2	1	500
392	M49470R01825MCJ	8.2	3	200	416	M49470R01826MCJ	82	6	200	440	M49470Q01824MEJ	.82	4	500	464	M49470Q01825MEJ	8.2	1	500
393	M49470R01106KCJ	10	3	200	417	M49470R01107KCJ	100	6	200	441	M49470Q01105KEJ	1.0	4	500	465	M49470Q01106KEJ	10	1	500
394	M49470R01106MCJ	10	3	200	418	M49470R01107MCJ	100	6	200	442	M49470Q01105MEJ	1.0	4	500	466	M49470Q01106MEJ	10	1	500
395	M49470R01126KCJ	12	3	200	419	M49470R01127KCJ	120	6	200	443	M49470Q01125KEJ	1.2	4	500	467	M49470Q01126KEJ	12	1	500
396	M49470R01126MCJ	12	3	200	420	M49470R01127MCJ	120	6	200	444	M49470Q01125MEJ	1.2	4	500	468	M49470Q01126MEJ	12	1	500
397	M49470R01156KCJ	15	1	200	421	M49470Q01154KEJ	.15	5	500	445	M49470Q01155KEJ	1.5	4	500	469	M49470Q01156KEJ	15	2	500
398	M49470R01156MCJ	15	1	200	422	M49470Q01154MEJ	.15	5	500	446	M49470Q01155MEJ	1.5	4	500	470	M49470Q01156MEJ	15	2	500
399	M49470R01186KCJ	18	1	200	423	M49470Q01184KEJ	.18	5	500	447	M49470Q01185KEJ	1.8	4	500	471	M49470Q01186KEJ	18	2	500
400	M49470R01186MCJ	18	1	200	424	M49470Q01184MEJ	.18	5	500	448	M49470Q01185MEJ	1.8	4	500	472	M49470Q01186MEJ	18	2	500
401	M49470R01226KCJ	22	1	200	425	M49470Q01224KEJ	.22	5	500	449	M49470Q01225KEJ	2.2	3	500	473	M49470Q01226KEJ	22	6	500
402	M49470R01226MCJ	22	1	200	426	M49470Q01224MEJ	.22	5	500	450	M49470Q01225MEJ	2.2	3	500	474	M49470Q01226MEJ	22	6	500
403	M49470R01276KCJ	27	1	200	427	M49470Q01274KEJ	.27	5	500	451	M49470Q01275KEJ	2.7	3	500	475	M49470Q01276KEJ	27	6	500
404	M49470R01276MCJ	27	1	200	428	M49470Q01274MEJ	.27	5	500	452	M49470Q01275MEJ	2.7	3	500	476	M49470Q01276MEJ	27	6	500
405	M49470R01336KCJ	33	2	200	429	M49470Q01334KEJ	.33	5	500	453	M49470Q01335KEJ	3.3	3	500	477	M49470Q01336KEJ	33	6	500
406	M49470R01336MCJ	33	2	200	430	M49470Q01334MEJ	.33	5	500	454	M49470Q01335MEJ	3.3	3	500	478	M49470Q01336MEJ	33	6	500
407	M49470R01396KCJ	39	2	200	431	M49470Q01394KEJ	.39	5	500	455	M49470Q01395KEJ	3.9	3	500	479	M49470Q01396KEJ	39	6	500
408	M49470R01396MCJ	39	2	200	432	M49470Q01394MEJ	.39	5	500	456	M49470Q01395MEJ	3.9	3	500	480	M49470Q01396MEJ	39	6	500

Case code	C ± .025	D		E(max)	Number of leads per side
		Min	Max		
1	.450	1.950	2.075	.500	20
2	.800	1.450	1.535	.870	15
3	.450	.950	1.075	.500	10
4	.400	.350	.425	.440	4
5	.250	.224	.275	.300	3
6	1.250	1.950	2.075	1.350	20



MIL-PRF-49470 capacitors are preferred over DSCC-DWG-87106 capacitors. The MIL-PRF-49470 specification was developed as part of a cooperative effort between the US Military, NASA and the SMPS suppliers to produce a robust replacement for the DSCC drawing. The military specification product provides additional quality assurance provisions that are NOT required by the DSCC drawing. Two product levels are offered in MIL-PRF-49470: the standard "B" level, suitable for standard Class "H" military applications, and the high reliability "T" level, suitable for Class "K" space level applications. Some of the benefits of the MIL-PRF-49470 product over the 87106 product include: Formal qualification process (QPL established); MIL-STD-780 compliance; DSCC audits; routine qualification maintenance testing (ie., life testing); group A percent defective allowed (PDA) specified; prohibits mixing of chips from different production lots within a single SMPS stack lot.

MIL-PRF-49470 "T" level product is recommended for all high reliability applications. MIL-PRF-49470 "T" level product requires in-process inspections and additional group A and B screening inspections that are not part of the normal "B" level flow: In-process screening that includes non-destructive internal examination (chip level) and destructive physical analysis (chip level); group A destructive physical analysis (finished stack level); group B lot specific humidity, steady-state, low voltage (lot sample test); and group B lot specific thermal shock & life test (lot sample test).

- Notes:
- This cross reference table is believed to be accurate, but is not guaranteed.
  - MIL-PRF-49470 also contains the following additional capacitors that are not available in 87106:
    - Additional lead configurations including D, F, L, M, and K.
    - Lower profile parts (larger footprint, fewer chips stacked).
    - 88011 CG (BP) dielectric capacitors.
  - For T level (high reliability) product, replace the "M" in PIN with "T". (M49470R01474KCN becomes T49470R01474KCN).

Symbol (last digit of PIN)	Lead Style	Height profile (Dimension A)	Formed lead length, L (inches)
N	N (straight)	Standard	N/A
L	L (formed)	Standard	.070 ± .010
M	L (formed)	Standard	.045 ± .010
J	J (formed)	Standard	.070 ± .010
K	J (formed)	Standard	.045 ± .010
A	N (straight)	Low	N/A
B	L (formed)	Low	.070 ± .010
D	L (formed)	Low	.045 ± .010
C	J (formed)	Low	.070 ± .010
F	J (formed)	Low	.045 ± .010

**PRESIDIO COMPONENTS, INC.**  
 7169 Construction Court, San Diego, CA 92121 USA • Tel: 858-578-9390 • Fax: 800-538-3880 or 858-578-6225  
 Web: www.presidiocomponents.com • Email: info@presidiocomponents.com