

STANDARD/EXTENDED RATINGS: CLR37, M39006/04-xxxx

CAPACITANCE (μ F)	CASE CODE	CAP. TOL. (\pm %)	PART NO. M39006/04-* FAILURE RATE LEVEL (%/1000 HR)				Max. DCL (μ A) @		Max. IMP. @ -55°C (Ohms)
			L** 2.0	M 1.0	P 0.1	R*** 0.01	+ 25°C	+ 85°C + 125°C	
15 WVDC @ + 85°C ... 10 WVDC @ + 125°C									
2.5	G1	20	2700	2711	2722	2733	1.0	2.0	893
10.0	G2	20	1200	1245	1290	1335	2.0	4.0	223
35.0	G3	20	1201	1246	1291	1336	2.0	10.0	64
70.0	G4	20	1202	1247	1292	1337	4.0	20.0	32
100.0	G5	20	1203	1248	1293	1338	5.0	30.0	23
25 WVDC @ + 85°C ... 15 WVDC @ + 125°C									
1.5	G1	20	2701	2712	2723	2734	1.0	3.0	1487
6.0	G2	20	1204	1249	1294	1339	2.0	6.0	372
20.0	G3	20	1205	1250	1295	1340	2.0	10.0	112
40.0	G4	20	1206	1251	1296	1341	4.0	20.0	56
60.0	G5	20	1207	1252	1297	1342	5.0	30.0	37
30 WVDC @ + 85°C ... 20 WVDC @ + 125°C									
1.4	G1	20	2702	2713	2724	2735	2.0	5.0	1594
5.5	G2	20	1208	1253	1298	1343	2.0	6.0	406
18.0	G3	20	1209	1254	1299	1344	2.0	12.0	124
36.0	G4	20	1210	1255	1300	1345	4.0	26.0	62
45.0	G5	20	1211	1256	1301	1346	6.0	36.0	50
50 WVDC @ + 85°C ... 30 WVDC @ + 125°C									
0.8	G1	20	2703	2714	2725	2736	1.0	4.0	2790
3.0	G2	20	1212	1257	1302	1347	2.0	6.0	743
10.0	G3	20	1213	1258	1303	1348	2.0	12.0	223
20.0	G4	20	1214	1259	1304	1349	4.0	24.0	112
30.0	G5	20	1215	1260	1305	1350	6.0	36.0	75
75 WVDC @ + 85°C ... 50 WVDC @ + 125°C									
0.5	G1	20	2704	2715	2726	2737	1.0	4.0	4460
2.0	G2	20	1216	1261	1306	1351	2.0	6.0	1115
7.0	G3	20	1217	1262	1307	1352	2.0	13.0	319
14.0	G4	20	1218	1263	1308	1353	4.0	24.0	159
20.0	G5	20	1219	1264	1309	1354	6.0	36.0	112

* Dash number for failure rate level M and P parts will include the letter "H" to indicate the optional random vibration requirement.

** Inactive for new design. Dash numbers shown for information only.

*** Not approved for R failure rate in foils.

Note: Dissipation Factor limits (maximum): 50 volts and below, - 20%; above 50 volts, - 15%.

CAPACITANCE (μ F)	CASE CODE	CAP. TOL. (\pm %)	PART NO. M39006/04-* FAILURE RATE LEVEL (%/1000 HR)				Max. DCL (μ A) @		Max. IMP. @ - 55°C (Ohms)
			L** 2.0	M 1.0	P 0.1	R*** 0.01	+ 25°C	+ 85°C + 125°C	
100 WVDC @ + 85°C . . . 65 WVDC @ + 125°C									
0.4	G1	20	2705	2716	2727	2738	1.0	3.5	5580
1.5	G2	20	1220	1265	1310	1355	2.0	6.0	1487
5.0	G3	20	1221	1266	1311	1356	2.0	13.0	446
10.0	G4	20	1222	1267	1312	1357	4.0	24.0	223
15.0	G5	20	1223	1268	1313	1358	6.0	36.0	149
150 WVDC @ + 85°C . . . 100 WVDC @ + 125°C									
0.25	G1	20	2706	2717	2728	2739	1.0	4.0	8909
1.0	G2	20	1224	1269	1314	1359	2.0	6.0	2227
1.2	G2	20	1225	1270	1315	1360	3.0	12.0	2000
3.5	G3	20	1226	1271	1316	1361	3.0	13.0	638
7.0	G4	20	1227	1272	1317	1362	4.0	24.0	319
10.0	G5	20	1228	1273	1318	1363	6.0	36.0	223
200 WVDC @ + 85°C . . . 150 WVDC @ + 125°C									
0.15	G1	15	2707	2718	2729	2740	4.0	25.0	14000
0.75	G2	15	1229	1274	1319	1364	8.0	32.0	2700
2.5	G3	15	1230	1275	1320	1365	16.0	64.0	800
5.0	G4	15	1231	1276	1321	1366	28.0	112.0	400
7.5	G5	15	1232	1277	1322	1367	40.0	160.0	260
250 WVDC @ + 85°C . . . 165 WVDC @ + 125°C									
0.15	G1	15	2708	2719	2730	2741	6.0	32.0	13000
0.6	G2	15	1233	1278	1323	1368	8.0	40.0	3300
2.0	G3	15	1234	1279	1324	1369	16.0	80.0	1000
4.0	G4	15	1235	1280	1325	1370	28.0	140.0	500
6.0	G5	15	1236	1281	1326	1371	40.0	200.0	330
300 WVDC @ + 85°C . . . 200 WVDC @ + 125°C									
0.12	G1	15	2709	2720	2731	2742	4.0	25.0	17500
0.47	G2	15	1237	1282	1327	1372	10.0	50.0	4500
1.5	G3	15	1238	1283	1328	1373	20.0	100.0	1500
3.3	G4	15	1239	1284	1329	1374	35.0	175.0	643
4.7	G5	15	1240	1285	1330	1375	50.0	250.0	450

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