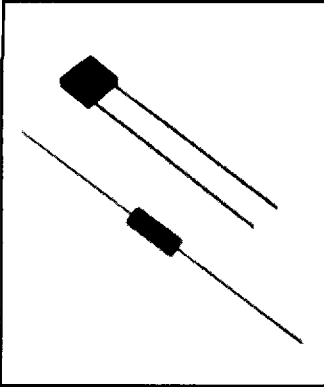


MIL-C-11015 & 39014 Multilayer Ceramic Capacitors



Multilayer Ceramic Capacitors



- Radial and Axial Leaded
- Molded Case Construction
- Stand-off Version Available in Radial Leaded CKR Type
- Hot Solder Dipped Leads in CKR Type

GENERAL SPECIFICATIONS

Voltage Range:
50, 100, 200 VDC

Capacitance Range:
10 pF to 3.3 μ F

Temperature Coefficient:
X7R (Mil BX or BR)

Available in Tape and Reel configuration:
Add 'TR' to end of catalog number

Cap	Tol %	MIL-C-11015/18	MIL-C-39014/01 Reference	39014/01 Failure Rate Levels			
				M	P	R	S
200 WVDC - Radial Leaded - CK05/M39014/01							
10 pF	10	CK05BX100K	CKR05BX100K*	1201	1241	1281	1321
10 pF	20	CK05BX100M	CKR05BX100M*	1202	1242	1282	1322
12 pF	10	CK05BX120K	CKR05BX120K*	1203	1243	1283	1323
15 pF	10	CK05BX150K	CKR05BX150K*	1204	1244	1284	1324
15 pF	20	CK05BX150M	CKR05BX150M*	1205	1245	1285	1325
18 pF	10	CK05BX180K	CKR05BX180K*	1206	1246	1286	1326
22 pF	10	CK05BX220K	CKR05BX220K*	1207	1247	1287	1327
22 pF	20	CK05BX220M	CKR05BX220M*	1208	1248	1288	1328
27 pF	10	CK05BX270K	CKR05BX270K*	1209	1249	1289	1329
33 pF	10	CK05BX330K	CKR05BX330K*	1210	1250	1290	1330
33 pF	20	CK05BX330M	CKR05BX330M*	1211	1251	1291	1331
39 pF	10	CK05BX390K	CKR05BX390K*	1212	1252	1292	1332
47 pF	10	CK05BX470K	CKR05BX470K*	1213	1253	1293	1333
47 pF	20	CK05BX470M	CKR05BX470M*	1214	1254	1294	1334
56 pF	10	CK05BX560K	CKR05BX560K*	1215	1255	1295	1335
68 pF	10	CK05BX680K	CKR05BX680K*	1216	1256	1296	1336
68 pF	20	CK05BX680M	CKR05BX680M*	1217	1257	1297	1337
82 pF	10	CK05BX820K	CKR05BX820K*	1218	1258	1298	1338
100 pF	10	CK05BX101K	CKR05BX101K*	1219	1259	1299	1339
100 pF	20	CK05BX101M	CKR05BX101M*	1220	1260	1300	1340
120 pF	10	CK05BX121K	CKR05BX121K*	1221	1261	1301	1341
150 pF	10	CK05BX151K	CKR05BX151K*	1222	1262	1302	1342
150 pF	20	CK05BX151M	CKR05BX151M*	1223	1263	1303	1343
180 pF	10	CK05BX181K	CKR05BX181K*	1224	1264	1304	1344
220 pF	10	CK05BX221K	CKR05BX221K*	1225	1265	1305	1345
220 pF	20	CK05BX221M	CKR05BX221M*	1226	1266	1306	1346
270 pF	10	CK05BX271K	CKR05BX271K*	1227	1267	1307	1347
330 pF	10	CK05BX331K	CKR05BX331K*	1228	1268	1308	1348
330 pF	20	CK05BX331M	CKR05BX331M*	1229	1269	1309	1349
390 pF	10	CK05BX391K	CKR05BX391K*	1230	1270	1310	1350
470 pF	10	CK05BX471K	CKR05BX471K*	1231	1271	1311	1351
470 pF	20	CK05BX471M	CKR05BX471M*	1232	1272	1312	1352
560 pF	10	CK05BX561K	CKR05BX561K*	1233	1273	1313	1353
680 pF	10	CK05BX681K	CKR05BX681K*	1234	1274	1314	1354
680 pF	20	CK05BX681M	CKR05BX681M*	1235	1275	1315	1355
820 pF	10	CK05BX821K	CKR05BX821K*	1236	1276	1316	1356
1000 pF	10	CK05BX102K	CKR05BX102K*	1237	1277	1317	1357
1000 pF	20	CK05BX102M	CKR05BX102M*	1238	1278	1318	1358

Cap	Tol %	MIL-C-11015/18	MIL-C-39014/01 Reference	39014/01 Failure Rate Levels			
				M	P	R	S
100 WVDC - Radial Leaded - CK05/M39014/01							
1200 pF	10	CK05BX122K	CKR05BX122K*	1239	1279	1319	1359
1500 pF	10	CK05BX152K	CKR05BX152K*	1240	1280	1320	1360
1500 pF	20	CK05BX152M	CKR05BX152M*	1441	1481	1521	1561
1800 pF	10	CK05BX182K	CKR05BX182K*	1442	1482	1522	1562
2200 pF	10	CK05BX222K	CKR05BX222K*	1443	1483	1523	1563
2200 pF	20	CK05BX222M	CKR05BX222M*	1444	1484	1524	1564
2700 pF	10	CK05BX272K	CKR05BX272K*	1445	1485	1525	1565
3300 pF	10	CK05BX332K	CKR05BX332K*	1446	1486	1526	1566
3300 pF	20	CK05BX332M	CKR05BX332M*	1447	1487	1527	1567
3900 pF	10	CK05BX392K	CKR05BX392K*	1448	1488	1528	1568
4700 pF	10	CK05BX472K	CKR05BX472K*	1449	1489	1529	1569
4700 pF	20	CK05BX472M	CKR05BX472M*	1450	1490	1530	1570
5600 pF	10	CK05BX562K	CKR05BX562K*	1451	1491	1531	1571
6800 pF	10	CK05BX682K	CKR05BX682K*	1452	1492	1532	1572
6800 pF	20	CK05BX682M	CKR05BX682M*	1453	1493	1533	1573
8200 pF	10	CK05BX822K	CKR05BX822K*	1454	1494	1534	1574
.01 uF	10	CK05BX103K	CKR05BX103K*	1455	1495	1535	1575
.01 uF	20	CK05BX103M	CKR05BX103M*	1456	1496	1536	1576

Cap	Tol %	MIL-C-11015/18	MIL-C-39014/01 Reference	39014/01 Failure Rate Levels			
				M	P	R	S
50 WVDC - Radial Leaded - CK05/M39014/01							
.012 uF	10	CK05BX123K	CKR05BX123K*	1457	1497	1537	1577
.015 uF	10	CK05BX153K	CKR05BX153K*	1458	1498	1538	1578
.015 uF	20	CK05BX153M	CKR05BX153M*	1459	1499	1539	1579
.018 uF	10	CK05BX183K	CKR05BX183K*	1460	1500	1540	1580
.022 uF	10	CK05BX223K	CKR05BX223K*	1461	1501	1541	1581
.022 uF	20	CK05BX223M	CKR05BX223M*	1462	1502	1542	1582
.027 uF	10	CK05BX273K	CKR05BX273K*	1463	1503	1543	1583
.033 uF	10	CK05BX333K	CKR05BX333K*	1464	1504	1544	1584
.033 uF	20	CK05BX333M	CKR05BX333M*	1465	1505	1545	1585
.039 uF	10	CK05BX393K	CKR05BX393K*	1466	1506	1546	1586
.047 uF	10	CK05BX473K	CKR05BX473K*	1467	1507	1547	1587
.047 uF	20	CK05BX473M	CKR05BX473M*	1468	1508	1548	1588
.056 uF	10	CK05BX563K	CKR05BX563K*	1469	1509	1549	1589
.068 uF	10	CK05BX683K	CKR05BX683K*	1470	1510	1550	1590
.068 uF	20	CK05BX683M	CKR05BX683M*	1471	1511	1551	1591
.082 uF	10	CK05BX823K	CKR05BX823K*	1472	1512	1552	1592
.1 uF	10	CK05BX104K	CKR05BX104K*	1473	1513	1553	1593
.1 uF	20	CK05BX104M	CKR05BX104M*	1474	1514	1554	1594

* Insert proper letter symbol for Failure Rate Designator:
M = 1% / 1000 Hours, P = 0.1% / 1000 Hours
R = 0.01% / 1000 Hours, S = 0.001% / 1000 Hours
Add 'V' at end of failure rate designator if stand-off design is required. (CKR only)

Add 'TR' to end of part number for Tape & Reel
Leads will be trimmed to .625" length
CK05 - 2,000 per reel
CKR05 - 1,700 per reel
(Available in full reels only)

TO ORDER MIL-C-11015 PARTS:

Order by CK part number shown above.
Example: CK05BX104M

TO ORDER MIL-C-39014 PARTS:

Indicate the prefix M39014/-- followed by the applicable MIL dash number.
Example: For M39014/01-1594 (CKR05BX104MS); order M39014/011594