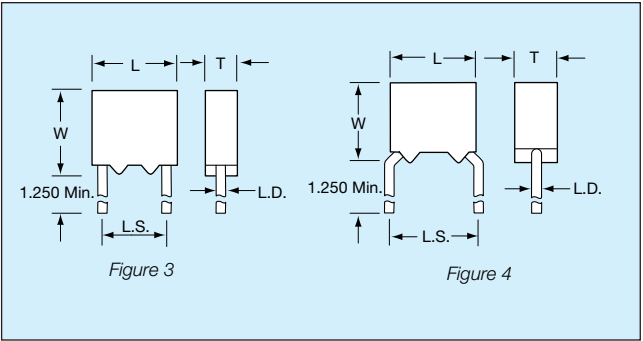
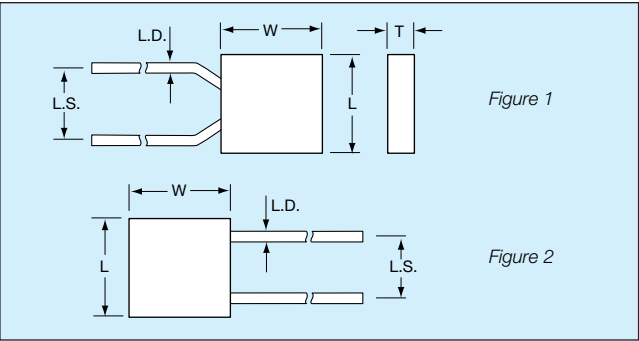


# MIL-PRF-39014/Radial Leads



## HOW TO ORDER

**Military Type Designation: Styles CKR04, CKR05, CKR06, CKR08**

**Dash Number Option: MIL-PRF-39014/01 (Appropriate Dash Number)**

### CKR05

#### Style

CK = General purpose, ceramic dielectric, fixed capacitors  
R = Established Reliability Parts  
05 = Remaining two numbers identify shape and dimension

### BX

#### Voltage-Temperature Limits

First letter identifies temperature range.  
B = -55°C to +125°C  
Second letter identifies voltage-temperature coefficient.

| Capacitance Change with Reference to 25°C |            |               |
|-------------------------------------------|------------|---------------|
| Second Letter                             | No Voltage | Rated Voltage |
| X                                         | +15, -15%  | +15, -25%     |

### 104

#### Capacitance

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF)

### K

#### Capacitance Tolerance

K =  $\pm 10\%$   
M =  $\pm 20\%$

### S

#### Military Failure Rate

M = 1% per 1000 hours  
P = 0.1% per 1000 hours  
R = 0.01% per 1000 hours  
S = 0.001% per 1000 hours

#### Note:

AVX reserves the right to substitute a lower failure rate part per MIL-PRF-39014. Substitutability for failure rate levels shall be as follows:

| Failure Rate Level | Will Replace Failure Rate Level |
|--------------------|---------------------------------|
| S (STD) (X-ray)    | R, P, M, L                      |
| R (STD) (No X-ray) | P, M, L                         |
| P                  | M, L                            |
| M                  | L                               |

### (V)

#### Standoff Option

To order standoff option, place "V" at the end of the part number.

Example: CKR05BX104KSV

## PACKAGING REQUIREMENTS

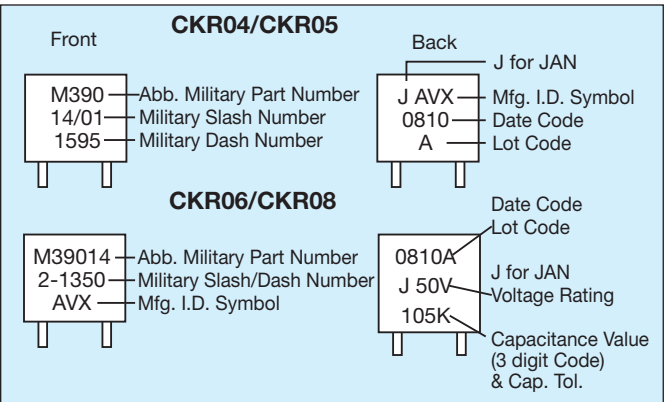
Packaging: 100 Pcs/bag; Radial Tape and Reel Packaging available upon request (2500 pcs./reel).

## SIZE SPECIFICATIONS

Dimensions: Millimeters (Inches)

| Per Mil Spec         | Case Size                           |                                     |                                     |                                     |                                    |
|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|
| MIL-PRF-39014        | Length (L)                          | Width (W)                           | Thickness (T)                       | Lead Spacing (L.S.)                 | Lead Diameter (L.D.)               |
| CKR04<br>(Fig. 2)    | 4.83 $\pm$ .25<br>(.190 $\pm$ .010) | 4.83 $\pm$ .25<br>(.190 $\pm$ .010) | 2.29 $\pm$ .25<br>(.090 $\pm$ .010) | 2.54 $\pm$ .38<br>(.100 $\pm$ .015) | .64 $\pm$ .05<br>(.025 $\pm$ .002) |
| CKR05<br>(Fig. 1, 4) | 4.83 $\pm$ .25<br>(.190 $\pm$ .010) | 4.83 $\pm$ .25<br>(.190 $\pm$ .010) | 2.29 $\pm$ .25<br>(.090 $\pm$ .010) | 5.08 $\pm$ .38<br>(.200 $\pm$ .015) | .64 $\pm$ .05<br>(.025 $\pm$ .002) |
| CKR06<br>(Fig. 2, 3) | 7.37 $\pm$ .25<br>(.290 $\pm$ .010) | 7.37 $\pm$ .25<br>(.290 $\pm$ .010) | 2.29 $\pm$ .25<br>(.090 $\pm$ .010) | 5.08 $\pm$ .38<br>(.200 $\pm$ .015) | .64 $\pm$ .05<br>(.025 $\pm$ .002) |
| CKR08<br>(Fig. 2)    | 7.37 $\pm$ .25<br>(.290 $\pm$ .010) | 7.37 $\pm$ .25<br>(.290 $\pm$ .010) | 3.68 $\pm$ .38<br>(.145 $\pm$ .015) | 5.08 $\pm$ .38<br>(.200 $\pm$ .015) | .64 $\pm$ .05<br>(.025 $\pm$ .002) |

## MARKING RADIAL LEAD



## MILITARY DASH NUMBER IDENTIFICATION CKR04 TO MIL-PRF-39014/23

(Dash Number From Table)

| Military<br>Type<br>Designation | Failure Rate Level (%/1,000 Hours) |         |          |           | Capacitance<br>(pF) | Capacitance<br>Tolerance<br>±Percent | WVDC |
|---------------------------------|------------------------------------|---------|----------|-----------|---------------------|--------------------------------------|------|
|                                 | 1.0 (M)                            | 0.1 (P) | 0.01 (R) | 0.001 (S) |                     |                                      |      |
|                                 | CKR04 (BX)                         |         |          |           |                     |                                      |      |
| CKR04BX100K_                    | 0001                               | 0101    | 0201     | 0301      | 10                  | 10                                   | 200  |
| CKR04BX100M_                    | 0002                               | 0102    | 0202     | 0302      | 10                  | 20                                   | 200  |
| CKR04BX120K_                    | 0003                               | 0103    | 0203     | 0303      | 12                  | 10                                   | 200  |
| CKR04BX150K_                    | 0004                               | 0104    | 0204     | 0304      | 15                  | 10                                   | 200  |
| CKR04BX150M_                    | 0005                               | 0105    | 0205     | 0305      | 15                  | 20                                   | 200  |
| CKR04BX180K_                    | 0006                               | 0106    | 0206     | 0306      | 18                  | 10                                   | 200  |
| CKR04BX220K_                    | 0007                               | 0107    | 0207     | 0307      | 22                  | 10                                   | 200  |
| CKR04BX220M_                    | 0008                               | 0108    | 0208     | 0308      | 22                  | 20                                   | 200  |
| CKR04BX270K_                    | 0009                               | 0109    | 0209     | 0309      | 27                  | 10                                   | 200  |
| CKR04BX330K_                    | 0010                               | 0110    | 0210     | 0310      | 33                  | 10                                   | 200  |
| CKR04BX330M_                    | 0011                               | 0111    | 0211     | 0311      | 33                  | 20                                   | 200  |
| CKR04BX390K_                    | 0012                               | 0112    | 0212     | 0312      | 39                  | 10                                   | 200  |
| CKR04BX470K_                    | 0013                               | 0113    | 0213     | 0313      | 47                  | 10                                   | 200  |
| CKR04BX470M_                    | 0014                               | 0114    | 0214     | 0314      | 47                  | 20                                   | 200  |
| CKR04BX560K_                    | 0015                               | 0115    | 0215     | 0315      | 56                  | 10                                   | 200  |
| CKR04BX680K_                    | 0016                               | 0116    | 0216     | 0316      | 68                  | 10                                   | 200  |
| CKR04BX680M_                    | 0017                               | 0117    | 0217     | 0317      | 68                  | 20                                   | 200  |
| CKR04BX820K_                    | 0018                               | 0118    | 0218     | 0318      | 82                  | 10                                   | 200  |
| CKR04BX101K_                    | 0019                               | 0119    | 0219     | 0319      | 100                 | 10                                   | 200  |
| CKR04BX101M_                    | 0020                               | 0120    | 0220     | 0320      | 100                 | 20                                   | 200  |
| CKR04BX121K_                    | 0021                               | 0121    | 0221     | 0321      | 120                 | 10                                   | 200  |
| CKR04BX151K_                    | 0022                               | 0122    | 0222     | 0322      | 150                 | 10                                   | 200  |
| CKR04BX151M_                    | 0023                               | 0123    | 0223     | 0323      | 150                 | 20                                   | 200  |
| CKR04BX181K_                    | 0024                               | 0124    | 0224     | 0324      | 180                 | 10                                   | 200  |
| CKR04BX221K_                    | 0025                               | 0125    | 0225     | 0325      | 220                 | 10                                   | 200  |
| CKR04BX221M_                    | 0026                               | 0126    | 0226     | 0326      | 220                 | 20                                   | 200  |
| CKR04BX271K_                    | 0027                               | 0127    | 0227     | 0327      | 270                 | 10                                   | 200  |
| CKR04BX331K_                    | 0028                               | 0128    | 0228     | 0328      | 330                 | 10                                   | 200  |
| CKR04BX331M_                    | 0029                               | 0129    | 0229     | 0329      | 330                 | 20                                   | 200  |
| CKR04BX391K_                    | 0030                               | 0130    | 0230     | 0330      | 390                 | 10                                   | 200  |
| CKR04BX471K_                    | 0031                               | 0131    | 0231     | 0331      | 470                 | 10                                   | 200  |
| CKR04BX471M_                    | 0032                               | 0132    | 0232     | 0332      | 470                 | 20                                   | 200  |
| CKR04BX561K_                    | 0033                               | 0133    | 0233     | 0333      | 560                 | 10                                   | 200  |
| CKR04BX681K_                    | 0034                               | 0134    | 0234     | 0334      | 680                 | 10                                   | 200  |
| CKR04BX681M_                    | 0035                               | 0135    | 0235     | 0335      | 680                 | 20                                   | 200  |
| CKR04BX821K_                    | 0036                               | 0136    | 0236     | 0336      | 820                 | 10                                   | 200  |
| CKR04BX102K_                    | 0037                               | 0137    | 0237     | 0337      | 1,000               | 10                                   | 200  |
| CKR04BX102M_                    | 0038                               | 0138    | 0238     | 0338      | 1,000               | 20                                   | 200  |
| CKR04BX122K_                    | 0039                               | 0139    | 0239     | 0339      | 1,200               | 10                                   | 100  |
| CKR04BX152K_                    | 0040                               | 0140    | 0240     | 0340      | 1,500               | 10                                   | 100  |
| CKR04BX152M_                    | 0041                               | 0141    | 0241     | 0341      | 1,500               | 20                                   | 100  |
| CKR04BX182K_                    | 0042                               | 0142    | 0242     | 0342      | 1,800               | 10                                   | 100  |
| CKR04BX222K_                    | 0043                               | 0143    | 0243     | 0343      | 2,200               | 10                                   | 100  |
| CKR04BX222M_                    | 0044                               | 0144    | 0244     | 0344      | 2,200               | 20                                   | 100  |
| CKR04BX272K_                    | 0045                               | 0145    | 0245     | 0345      | 2,700               | 10                                   | 100  |
| CKR04BX332K_                    | 0046                               | 0146    | 0246     | 0346      | 3,300               | 10                                   | 100  |
| CKR04BX332M_                    | 0047                               | 0147    | 0247     | 0347      | 3,300               | 20                                   | 100  |
| CKR04BX392K_                    | 0048                               | 0148    | 0248     | 0348      | 3,900               | 10                                   | 100  |
| CKR04BX472K_                    | 0049                               | 0149    | 0249     | 0349      | 4,700               | 10                                   | 100  |
| CKR04BX472M_                    | 0050                               | 0150    | 0250     | 0350      | 4,700               | 20                                   | 100  |
| CKR04BX562K_                    | 0051                               | 0151    | 0251     | 0351      | 5,600               | 10                                   | 100  |
| CKR04BX682K_                    | 0052                               | 0152    | 0252     | 0352      | 6,800               | 10                                   | 100  |
| CKR04BX682M_                    | 0053                               | 0153    | 0253     | 0353      | 6,800               | 20                                   | 100  |
| CKR04BX822K_                    | 0054                               | 0154    | 0254     | 0354      | 8,200               | 10                                   | 100  |
| CKR04BX103K_                    | 0055                               | 0155    | 0255     | 0355      | 10,000              | 10                                   | 100  |
| CKR04BX103M_                    | 0056                               | 0156    | 0256     | 0356      | 10,000              | 20                                   | 100  |
| CKR04BX123K_                    | 0057                               | 0157    | 0257     | 0357      | 12,000              | 10                                   | 50   |
| CKR04BX153K_                    | 0058                               | 0158    | 0258     | 0358      | 15,000              | 10                                   | 50   |
| CKR04BX153M_                    | 0059                               | 0159    | 0259     | 0359      | 15,000              | 20                                   | 50   |
| CKR04BX183K_                    | 0060                               | 0160    | 0260     | 0360      | 18,000              | 10                                   | 50   |
| CKR04BX223K_                    | 0061                               | 0161    | 0261     | 0361      | 22,000              | 10                                   | 50   |
| CKR04BX223M_                    | 0062                               | 0162    | 0262     | 0362      | 22,000              | 20                                   | 50   |
| CKR04BX273K_                    | 0063                               | 0163    | 0263     | 0363      | 27,000              | 10                                   | 50   |
| CKR04BX333K_                    | 0064                               | 0164    | 0264     | 0364      | 33,000              | 10                                   | 50   |
| CKR04BX333M_                    | 0065                               | 0165    | 0265     | 0365      | 33,000              | 20                                   | 50   |
| CKR04BX393K_                    | 0066                               | 0166    | 0266     | 0366      | 39,000              | 10                                   | 50   |
| CKR04BX473K_                    | 0067                               | 0167    | 0267     | 0367      | 47,000              | 10                                   | 50   |
| CKR04BX473M_                    | 0068                               | 0168    | 0268     | 0368      | 47,000              | 20                                   | 50   |
| CKR04BX563K_                    | 0069                               | 0169    | 0269     | 0369      | 56,000              | 10                                   | 50   |
| CKR04BX683K_                    | 0070                               | 0170    | 0270     | 0370      | 68,000              | 10                                   | 50   |
| CKR04BX683M_                    | 0071                               | 0171    | 0271     | 0371      | 68,000              | 20                                   | 50   |
| CKR04BX823K_                    | 0072                               | 0172    | 0272     | 0372      | 82,000              | 10                                   | 50   |
| CKR04BX104K_                    | 0073                               | 0173    | 0273     | 0373      | 100,000             | 10                                   | 50   |
| CKR04BX104M_                    | 0074                               | 0174    | 0274     | 0374      | 100,000             | 20                                   | 50   |

— Add appropriate failure rate level letter (M, P, R or S)

## MILITARY DASH NUMBER IDENTIFICATION CKR05 TO MIL-PRF-39014/01

(Dash Number From Table)

| Military<br>Type<br>Designation | Failure Rate Level (%/1,000 Hours) |         |          |           | Capacitance<br>(pF) | Capacitance<br>Tolerance<br>±Percent | WVDC |
|---------------------------------|------------------------------------|---------|----------|-----------|---------------------|--------------------------------------|------|
|                                 | 1.0 (M)                            | 0.1 (P) | 0.01 (R) | 0.001 (S) |                     |                                      |      |
|                                 | CKR05 (BX)                         |         |          |           |                     |                                      |      |
| CKR05BX100K_                    | 1201                               | 1241    | 1281     | 1321      | 10                  | 10                                   | 200  |
| CKR05BX100M_                    | 1202                               | 1242    | 1282     | 1322      | 10                  | 20                                   | 200  |
| CKR05BX120K_                    | 1203                               | 1243    | 1283     | 1323      | 12                  | 10                                   | 200  |
| CKR05BX150K_                    | 1204                               | 1244    | 1284     | 1324      | 15                  | 10                                   | 200  |
| CKR05BX150M_                    | 1205                               | 1245    | 1285     | 1325      | 15                  | 20                                   | 200  |
| CKR05BX180K_                    | 1206                               | 1246    | 1286     | 1326      | 18                  | 10                                   | 200  |
| CKR05BX220K_                    | 1207                               | 1247    | 1287     | 1327      | 22                  | 10                                   | 200  |
| CKR05BX220M_                    | 1208                               | 1248    | 1288     | 1328      | 22                  | 20                                   | 200  |
| CKR05BX270K_                    | 1209                               | 1249    | 1289     | 1329      | 27                  | 10                                   | 200  |
| CKR05BX330K_                    | 1210                               | 1250    | 1290     | 1330      | 33                  | 10                                   | 200  |
| CKR05BX330M_                    | 1211                               | 1251    | 1291     | 1331      | 33                  | 20                                   | 200  |
| CKR05BX390K_                    | 1212                               | 1252    | 1292     | 1332      | 39                  | 10                                   | 200  |
| CKR05BX470K_                    | 1213                               | 1253    | 1293     | 1333      | 47                  | 10                                   | 200  |
| CKR05BX470M_                    | 1214                               | 1254    | 1294     | 1334      | 47                  | 20                                   | 200  |
| CKR05BX560K_                    | 1215                               | 1255    | 1295     | 1335      | 56                  | 10                                   | 200  |
| CKR05BX680K_                    | 1216                               | 1256    | 1296     | 1336      | 68                  | 10                                   | 200  |
| CKR05BX680M_                    | 1217                               | 1257    | 1297     | 1337      | 68                  | 20                                   | 200  |
| CKR05BX820K_                    | 1218                               | 1258    | 1298     | 1338      | 82                  | 10                                   | 200  |
| CKR05BX101K_                    | 1219                               | 1259    | 1299     | 1339      | 100                 | 10                                   | 200  |
| CKR05BX101M_                    | 1220                               | 1260    | 1300     | 1340      | 100                 | 20                                   | 200  |
| CKR05BX121K_                    | 1221                               | 1261    | 1301     | 1341      | 120                 | 10                                   | 200  |
| CKR05BX151K_                    | 1222                               | 1262    | 1302     | 1342      | 150                 | 10                                   | 200  |
| CKR05BX151M_                    | 1223                               | 1263    | 1303     | 1343      | 150                 | 20                                   | 200  |
| CKR05BX181K_                    | 1224                               | 1264    | 1304     | 1344      | 180                 | 10                                   | 200  |
| CKR05BX221K_                    | 1225                               | 1265    | 1305     | 1345      | 220                 | 10                                   | 200  |
| CKR05BX221M_                    | 1226                               | 1266    | 1306     | 1346      | 220                 | 20                                   | 200  |
| CKR05BX271K_                    | 1227                               | 1267    | 1307     | 1347      | 270                 | 10                                   | 200  |
| CKR05BX331K_                    | 1228                               | 1268    | 1308     | 1348      | 330                 | 10                                   | 200  |
| CKR05BX331M_                    | 1229                               | 1269    | 1309     | 1349      | 330                 | 20                                   | 200  |
| CKR05BX391K_                    | 1230                               | 1270    | 1310     | 1350      | 390                 | 10                                   | 200  |
| CKR05BX471K_                    | 1231                               | 1271    | 1311     | 1351      | 470                 | 10                                   | 200  |
| CKR05BX471M_                    | 1232                               | 1272    | 1312     | 1352      | 470                 | 20                                   | 200  |
| CKR05BX561K_                    | 1233                               | 1273    | 1313     | 1353      | 560                 | 10                                   | 200  |
| CKR05BX681K_                    | 1234                               | 1274    | 1314     | 1354      | 680                 | 10                                   | 200  |
| CKR05BX681M_                    | 1235                               | 1275    | 1315     | 1355      | 680                 | 20                                   | 200  |
| CKR05BX821K_                    | 1236                               | 1276    | 1316     | 1356      | 820                 | 10                                   | 200  |
| CKR05BX102K_                    | 1237                               | 1277    | 1317     | 1357      | 1,000               | 10                                   | 200  |
| CKR05BX102M_                    | 1238                               | 1278    | 1318     | 1358      | 1,000               | 20                                   | 200  |
| CKR05BX122K_                    | 1239                               | 1279    | 1319     | 1359      | 1,200               | 10                                   | 100  |
| CKR05BX152K_                    | 1240                               | 1280    | 1320     | 1360      | 1,500               | 10                                   | 100  |
| CKR05BX152M_                    | 1441                               | 1481    | 1521     | 1561      | 1,500               | 20                                   | 100  |
| CKR05BX182K_                    | 1442                               | 1482    | 1522     | 1562      | 1,800               | 10                                   | 100  |
| CKR05BX222K_                    | 1443                               | 1483    | 1523     | 1563      | 2,200               | 10                                   | 100  |
| CKR05BX222M_                    | 1444                               | 1484    | 1524     | 1564      | 2,200               | 20                                   | 100  |
| CKR05BX272K_                    | 1445                               | 1485    | 1525     | 1565      | 2,700               | 10                                   | 100  |
| CKR05BX332K_                    | 1446                               | 1486    | 1526     | 1566      | 3,300               | 10                                   | 100  |
| CKR05BX332M_                    | 1447                               | 1487    | 1527     | 1567      | 3,300               | 20                                   | 100  |
| CKR05BX392K_                    | 1448                               | 1488    | 1528     | 1568      | 3,900               | 10                                   | 100  |
| CKR05BX472K_                    | 1449                               | 1489    | 1529     | 1569      | 4,700               | 10                                   | 100  |
| CKR05BX472M_                    | 1450                               | 1490    | 1530     | 1570      | 4,700               | 20                                   | 100  |
| CKR05BX562K_                    | 1451                               | 1491    | 1531     | 1571      | 5,600               | 10                                   | 100  |
| CKR05BX682K_                    | 1452                               | 1492    | 1532     | 1572      | 6,800               | 10                                   | 100  |
| CKR05BX682M_                    | 1453                               | 1493    | 1533     | 1573      | 6,800               | 20                                   | 100  |
| CKR05BX822K_                    | 1454                               | 1494    | 1534     | 1574      | 8,200               | 10                                   | 100  |
| CKR05BX103K_                    | 1455                               | 1495    | 1535     | 1575      | 10,000              | 10                                   | 100  |
| CKR05BX103M_                    | 1456                               | 1496    | 1536     | 1576      | 10,000              | 20                                   | 100  |
| CKR05BX123K_                    | 1457                               | 1497    | 1537     | 1577      | 12,000              | 10                                   | 50   |
| CKR05BX153K_                    | 1458                               | 1498    | 1538     | 1578      | 15,000              | 10                                   | 50   |
| CKR05BX153M_                    | 1459                               | 1499    | 1539     | 1579      | 15,000              | 20                                   | 50   |
| CKR05BX183K_                    | 1460                               | 1500    | 1540     | 1580      | 18,000              | 10                                   | 50   |
| CKR05BX223K_                    | 1461                               | 1501    | 1541     | 1581      | 22,000              | 10                                   | 50   |
| CKR05BX223M_                    | 1462                               | 1502    | 1542     | 1582      | 22,000              | 20                                   | 50   |
| CKR05BX273K_                    | 1463                               | 1503    | 1543     | 1583      | 27,000              | 10                                   | 50   |
| CKR05BX333K_                    | 1464                               | 1504    | 1544     | 1584      | 33,000              | 10                                   | 50   |
| CKR05BX333M_                    | 1465                               | 1505    | 1545     | 1585      | 33,000              | 20                                   | 50   |
| CKR05BX393K_                    | 1466                               | 1506    | 1546     | 1586      | 39,000              | 10                                   | 50   |
| CKR05BX473K_                    | 1467                               | 1507    | 1547     | 1587      | 47,000              | 10                                   | 50   |
| CKR05BX473M_                    | 1468                               | 1508    | 1548     | 1588      | 47,000              | 20                                   | 50   |
| CKR05BX563K_                    | 1469                               | 1509    | 1549     | 1589      | 56,000              | 10                                   | 50   |
| CKR05BX683K_                    | 1470                               | 1510    | 1550     | 1590      | 68,000              | 10                                   | 50   |
| CKR05BX683M_                    | 1471                               | 1511    | 1551     | 1591      | 68,000              | 20                                   | 50   |
| CKR05BX823K_                    | 1472                               | 1512    | 1552     | 1592      | 82,000              | 10                                   | 50   |
| CKR05BX104K_                    | 1473                               | 1513    | 1553     | 1593      | 100,000             | 10                                   | 50   |
| CKR05BX104M_                    | 1474                               | 1514    | 1554     | 1594      | 100,000             | 20                                   | 50   |

— Add appropriate failure rate level letter (M, P, R or S)

## MILITARY DASH NUMBER IDENTIFICATION CKR06 TO MIL-PRF-39014/02

(Dash Number From Table)

| Military<br>Type<br>Designation | Failure Rate Level (%/1,000 Hours) |         |          |           | Capacitance<br>(pF) | Capacitance<br>Tolerance<br>±Percent | WVDC |
|---------------------------------|------------------------------------|---------|----------|-----------|---------------------|--------------------------------------|------|
|                                 | 1.0 (M)                            | 0.1 (P) | 0.01 (R) | 0.001 (S) |                     |                                      |      |
|                                 | CKR06 (BX)                         |         |          |           |                     |                                      |      |
| CKR06BX122K_                    | 1201                               | 1241    | 1281     | 1321      | 1200                | 10                                   | 200  |
| CKR06BX152K_                    | 1202                               | 1242    | 1282     | 1322      | 1500                | 10                                   | 200  |
| CKR06BX152M_                    | 1203                               | 1243    | 1283     | 1323      | 1500                | 20                                   | 200  |
| CKR06BX182K_                    | 1204                               | 1244    | 1284     | 1324      | 1800                | 10                                   | 200  |
| CKR06BX222K_                    | 1206                               | 1246    | 1286     | 1326      | 2200                | 10                                   | 200  |
| CKR06BX222M_                    | 1207                               | 1247    | 1287     | 1327      | 2200                | 20                                   | 200  |
| CKR06BX272K_                    | 1208                               | 1248    | 1288     | 1328      | 2700                | 10                                   | 200  |
| CKR06BX332K_                    | 1209                               | 1249    | 1289     | 1329      | 3300                | 10                                   | 200  |
| CKR06BX332M_                    | 1210                               | 1250    | 1290     | 1330      | 3300                | 20                                   | 200  |
| CKR06BX392K_                    | 1211                               | 1251    | 1291     | 1331      | 3900                | 10                                   | 200  |
| CKR06BX472K_                    | 1212                               | 1252    | 1292     | 1332      | 4700                | 10                                   | 200  |
| CKR06BX472M_                    | 1213                               | 1253    | 1293     | 1333      | 4700                | 20                                   | 200  |
| CKR06BX562K_                    | 1214                               | 1254    | 1294     | 1334      | 5600                | 10                                   | 200  |
| CKR06BX682K_                    | 1215                               | 1255    | 1295     | 1335      | 6800                | 10                                   | 200  |
| CKR06BX682M_                    | 1216                               | 1256    | 1296     | 1336      | 6800                | 20                                   | 200  |
| CKR06BX822K_                    | 1217                               | 1257    | 1297     | 1337      | 8200                | 10                                   | 200  |
| CKR06BX103K_                    | 1218                               | 1258    | 1298     | 1338      | 10,000              | 10                                   | 200  |
| CKR06BX103M_                    | 1219                               | 1259    | 1299     | 1339      | 10,000              | 20                                   | 200  |
| CKR06BX123K_                    | 1231                               | 1271    | 1311     | 1351      | 12,000              | 10                                   | 100  |
| CKR06BX153K_                    | 1220                               | 1260    | 1300     | 1340      | 15,000              | 10                                   | 100  |
| CKR06BX183K_                    | 1221                               | 1261    | 1301     | 1341      | 18,000              | 10                                   | 100  |
| CKR06BX223K_                    | 1222                               | 1262    | 1302     | 1342      | 22,000              | 10                                   | 100  |
| CKR06BX273K_                    | 1232                               | 1272    | 1312     | 1352      | 27,000              | 10                                   | 100  |
| CKR06BX333K_                    | 1223                               | 1263    | 1303     | 1343      | 33,000              | 10                                   | 100  |
| CKR06BX393K_                    | 1224                               | 1264    | 1304     | 1344      | 39,000              | 10                                   | 100  |
| CKR06BX473K_                    | 1225                               | 1265    | 1305     | 1345      | 47,000              | 10                                   | 100  |
| CKR06BX563K_                    | 1226                               | 1266    | 1306     | 1346      | 56,000              | 10                                   | 100  |
| CKR06BX683K_                    | 1227                               | 1267    | 1307     | 1347      | 68,000              | 10                                   | 100  |
| CKR06BX823K_                    | 1229                               | 1269    | 1309     | 1349      | 82,000              | 10                                   | 100  |
| CKR06BX104K_                    | 1230                               | 1270    | 1310     | 1350      | 100,000             | 10                                   | 100  |
| CKR06BX124K_                    | 1233                               | 1273    | 1313     | 1353      | 120,000             | 10                                   | 50   |
| CKR06BX154K_                    | 1234                               | 1274    | 1314     | 1354      | 150,000             | 10                                   | 50   |
| CKR06BX184K_                    | 1235                               | 1275    | 1315     | 1355      | 180,000             | 10                                   | 50   |
| CKR06BX224K_                    | 1236                               | 1276    | 1316     | 1356      | 220,000             | 10                                   | 50   |
| CKR06BX274K_                    | 1237                               | 1277    | 1317     | 1357      | 270,000             | 10                                   | 50   |
| CKR06BX334K_                    | 1238                               | 1278    | 1318     | 1358      | 330,000             | 10                                   | 50   |
| CKR06BX394K_                    | 1239                               | 1279    | 1319     | 1359      | 390,000             | 10                                   | 50   |
| CKR06BX474K_                    | 1240                               | 1280    | 1320     | 1360      | 470,000             | 10                                   | 50   |
| CKR06BX564K_                    | 1404                               | 1408    | 1412     | 1416      | 560,000             | 10                                   | 50   |
| CKR06BX684K_                    | 1405                               | 1409    | 1413     | 1417      | 680,000             | 10                                   | 50   |
| CKR06BX824K_                    | 1406                               | 1410    | 1414     | 1418      | 820,000             | 10                                   | 50   |
| CKR06BX105K_                    | 1407                               | 1411    | 1415     | 1419      | 1,000,000           | 10                                   | 50   |

— Add appropriate failure rate level letter (M, P, R or S)

## CKR08 to MIL-PRF-39014/20 (Dash Number From Table)

| Military<br>Type<br>Designation | Failure Rate Level (%/1,000 Hours) | Capacitance<br>(pF) | Capacitance<br>Tolerance<br>±Percent | WVDC |
|---------------------------------|------------------------------------|---------------------|--------------------------------------|------|
|                                 | 1.0 (M)                            |                     |                                      |      |
|                                 | CKR08 (BX)                         |                     |                                      |      |
| CKR08BX125K                     | 0104                               | 1,200,000           | 10                                   | 50   |
| CKR08BX155K                     | 0105                               | 1,500,000           | 10                                   | 50   |
| CKR08BX205K                     | 0106                               | 2,000,000           | 10                                   | 50   |

— Add appropriate failure rate level letter (M)

## CROSS REFERENCE CHART - AVX MILITARY FOR MOLDED RADIAL LEAD

| Figure | AVX Style | Per Mil-Spec |               |            | Case Size             |                       |                      |                       |                     |
|--------|-----------|--------------|---------------|------------|-----------------------|-----------------------|----------------------|-----------------------|---------------------|
|        |           | MIL-C-11015  | MIL-PRF-39014 | MIL-PRF-20 | Length(L)             | Width (W)             | Thickness (T)        | Lead Spacing (LS)     | Lead Diameter (LD)  |
| 1      | MR05      | CK05         | CKR05         | CCR05/CC05 | 4.83±.25 (.190±.010)  | 4.83±.25 (.190±.010)  | 2.29±.25 (.090±.010) | 5.08±.38 (.200±.015)  | .64±.05 (.025±.002) |
| 2      | MR04      | —            | CKR04         | CCR09/CC09 | 4.83±.25 (.190±.010)  | 4.83±.25 (.190±.010)  | 2.29±.25 (.090±.010) | 2.54±.38 (.100±.015)  | .64±.05 (.025±.002) |
| 2      | MR06      | CK06         | CKR06         | CCR06/CC06 | 7.37±.25 (.290±.010)  | 7.37±.25 (.290±.010)  | 2.29±.25 (.090±.010) | 5.08±.38 (.200±.015)  | .64±.05 (.025±.002) |
| 2      | MR68      | —            | CKR08         | —          | 7.37±.25 (.290±.010)  | 7.37±.25 (.290±.010)  | 3.68±.38 (.145±.015) | 5.08±.38 (.200±.015)  | .64±.05 (.025±.002) |
| 2      | MR07      | —            | —             | CCR07/CC07 | 12.19±.51 (.480±.020) | 12.19±.51 (.480±.020) | 3.56±.25 (.140±.010) | 10.16±.51 (.400±.020) | .64±.05 (.025±.002) |
| 2      | MR08      | —            | —             | CCR08/CC08 | 12.19±.51 (.480±.020) | 12.19±.51 (.480±.020) | 6.1±.25 (.240±.010)  | 10.16±.51 (.400±.020) | .64±.05 (.025±.002) |

Dimensions: Millimeters (Inches)