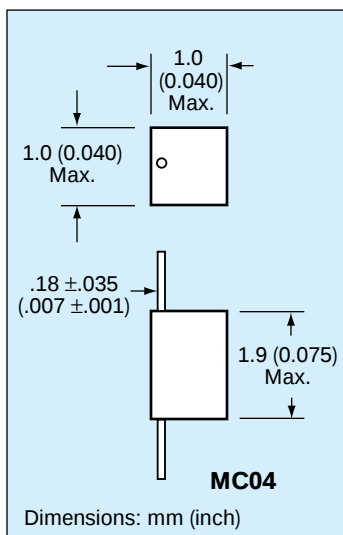
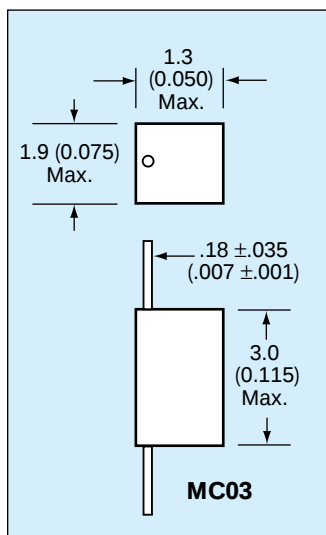
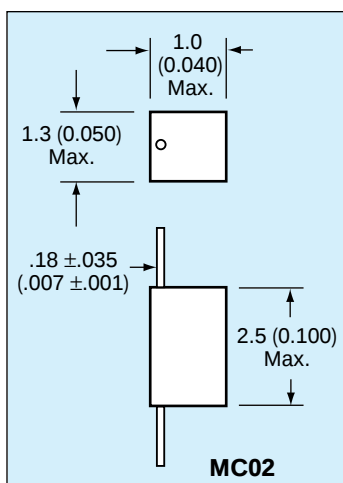
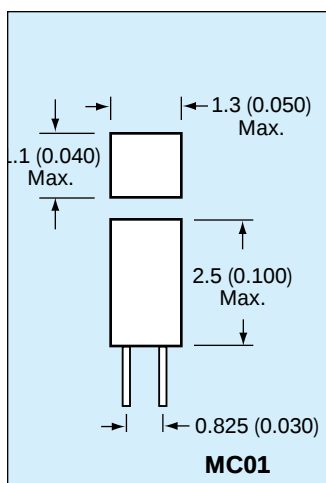


# Mini-Ceramic Capacitor



## MC01-4 Series Radial/Axial Leads



### HOW TO ORDER

**MC02 Y C 222 K A A**

① ② ③ ④ ⑤ ⑥ ⑦

① **AVX Style:** MC01, MC02, MC03, MC04

② **Voltages:** 16V=Y, 10V=Z, 6V=6

③ **Temperature Characteristics:**  
X7R=C, Y5V=G

④ **Capacitance Code**

⑤ **Capacitance Tolerance:**

X7R: J=±5%, K=±10%, M=±20%

Y5V: Z=+80%, -20%

⑥ **Failure Rate:** Standard

⑦ **Lead Configuration:** A=Axial  
R=Radial (MC01 only)

### Packaging Standard

100 pieces per bag

### Marking

Three digit Capacitance Code

Color coded Capacitance Tolerance:

±5% = Gold Dot

±10% = Silver Dot

### Capacitance Specifications

| Cap. in pF        | Typical AVX Part Nos. |
|-------------------|-----------------------|
| <b>MC01 (16V)</b> |                       |
| 1000              | MC01YC102KAR          |
| 1500              | MC01YC152KAR          |
| 2200              | MC01YC222KAR          |
| 3300              | MC01YC332KAR          |
| 4700              | MC01YC472KAR          |
| 5600              | MC01YC562KAR          |
| 6800              | MC01YC682KAR          |
| 8200              | MC01YC822KAR          |
| 10,000            | MC01YC103KAR          |
| 15,000            | MC01YC153KAR          |
| 22,000            | MC01YC223KAR          |
| <b>(6V)</b>       |                       |
| 33,000            | MC016C333KAR          |
| 47,000            | MC016C473KAR          |
| 68,000            | MC016C683KAR          |
| 100,000           | MC016C104KAR          |

| Cap. in pF            | Typical AVX Part Nos. |
|-----------------------|-----------------------|
| <b>MC02-X7R (16V)</b> |                       |
| 1000                  | MC02YC102KAA          |
| 1500                  | MC02YC152KAA          |
| 2200                  | MC02YC222KAA          |
| 3300                  | MC02YC332KAA          |
| 4700                  | MC02YC472KAA          |
| 5600                  | MC02YC562KAA          |
| 6800                  | MC02YC682KAA          |
| 8200                  | MC02YC822KAA          |
| 10,000                | MC02YC103KAA          |
| 15,000                | MC02YC153KAA          |
| 22,000                | MC02YC223KAA          |
| 33,000                | MC02YC333KAA          |
| 47,000                | MC02YC473KAA          |
| 68,000                | MC02YC683KAA          |
| 100,000               | MC02YC104KAA          |
| <b>(6V)</b>           |                       |
| 220,000               | MC026C224KAA          |
| 330,000               | MC026C334KAA          |
| 470,000               | MC026C474KAA          |
| 680,000               | MC026C684KAA          |
| 1,000,000             | MC026C105KAA          |

| Cap.<br>in pF | Typical AVX<br>Part Nos. |     |            |
|---------------|--------------------------|-----|------------|
|               | MC03                     |     |            |
| μF            | X7R (16V)                | μF  | Y5V (10V)  |
| .33           | MC03YC334KAA             | 2.2 | MC03ZG225Z |
| .47           | MC03YC474KAA             |     |            |
| 1.0           | MC03YC105KAA             |     |            |

| Cap. in pF            | Typical AVX Part Nos. |
|-----------------------|-----------------------|
| <b>MC04-X7R (16V)</b> |                       |
| 1000                  | MC04YC102KAA          |
| 1500                  | MC04YC152KAA          |
| 2200                  | MC04YC222KAA          |
| 3300                  | MC04YC332KAA          |
| 4700                  | MC04YC472KAA          |
| 5600                  | MC04YC562KAA          |
| 6800                  | MC04YC682KAA          |
| 8200                  | MC04YC822KAA          |
| 10,000                | MC04YC103KAA          |
| 15,000                | MC04YC153KAA          |
| 22,000                | MC04YC223KAA          |
| <b>(6V)</b>           |                       |
| 33,000                | MC046C333KAA          |
| 47,000                | MC046C473KAA          |
| 68,000                | MC046C683KAA          |
| 100,000               | MC046C104KAA          |



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