

### HOW TO ORDER

Military Type Designation: Capacitors, Fixed, Ceramic Dielectric,  
(Temperature Stable and General Purpose), High Reliability

|                            |                               |                               |                                       |                                     |                             |   |  |
|----------------------------|-------------------------------|-------------------------------|---------------------------------------|-------------------------------------|-----------------------------|---|--|
| <b>M123</b>                | <b>A</b>                      | <b>01</b>                     | <b>BX</b>                             | <b>B</b>                            | <b>103</b>                  | <b>K</b>  | <b>C</b>   |
|                            |                               |                               |                                       |                                     |                             |   |  |
| <b>Mil-Spec<br/>Number</b> | <b>Modification<br/>Spec.</b> | <b>Slash Sheet<br/>Number</b> | <b>Temperature<br/>Characteristic</b> | <b>Voltage</b><br>B = 50<br>C = 100 | <b>Capacitance<br/>Code</b> | <b>Capacitance<br/>Tolerance</b><br>C = ±0.25pF<br>D = ±0.5pF<br>F = ±1%<br>J = ±5%<br>K = ±10% | <b>Termination</b><br>C = Copper, solder<br>coated (type C-4<br>or C-5 of<br>MIL-STD-1276)<br>W = Copper clad<br>steel, solder<br>coated, 60<br>micro inches<br>minimum. |

| Capacitance change with<br>reference to 25°C over temperature<br>range -55°C to +125°C |                    |                          |
|--|--------------------|--------------------------|
| Symbol   | Without<br>Voltage | With Rated DC<br>Voltage |
| BP   | 0 ± 30 ppm/°C      | 0 ± 30 ppm/°C            |
| BX   | ±15, -15%          | ±15, -25%                |

**Not RoHS Compliant**

### CROSS REFERENCE MIL-SPEC TEST REQUIREMENTS

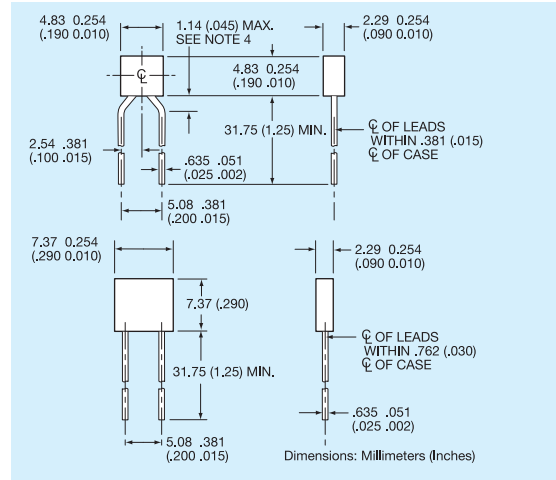
| TEST DESCRIPTION  | MIL-PRF-123   | MIL-PRF-39014 | MIL-PRF-20 | MIL-PRF-55681 |
|---|---|---------------|------------|---------------|
| NDT<br>(Non-Destructive Test)                                 | 100% Ultrasonic Scan or<br>Neutron-Radiography            | No            | No         | No            |
| Pre-Cap Visual<br>(Pre-Encapsulation<br>Visual Examination)   | 100%  | No            | No         | No            |
| D.P.A.<br>(Destructive Physical Analysis)                     | Lot by Lot—Pre-Termination<br>Lot by Lot—Finished Product | No            | No         | No            |
| Pre-Cap<br>Terminal Strength<br>(Pre-Encapsulation Pull Test) | Lot by Lot  | No            | No         | No            |
| Life Test<br>(Lot by Lot)                                     | Lot by Lot—1000 Hours                                     | No            | No         | No            |
| Low Voltage<br>Humidity (Lot by Lot)                          | Lot by Lot  | No            | No         | No            |
| Thermal Shock<br>100 Cycles (Lot by Lot)                      | Lot by Lot  | No            | No         | No            |

**MIL-PRF-123/STYLE CKS05, -/01**

| Part Number 1/  | Capacitance pF | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |  |    |              |
|-----------------|----------------|-----------------------|----------------------------|---------------|--|----|--------------|
| M123A01BPC4R7_C | 4.7            | C, D                  | BP                         | 100           |  |    |              |
| M123A01BPC5R1_C | 5.1            |                       |                            |               |  |    |              |
| M123A01BPC5R6_C | 5.6            |                       |                            |               |  |    |              |
| M123A01BPC6R2_C | 6.2            |                       |                            |               |  |    |              |
| M123A01BPC6R8_C | 6.8            |                       |                            |               |  |    |              |
| M123A01BPC7R5_C | 7.5            |                       |                            |               |  |    |              |
| M123A01BPC8R2_C | 8.2            |                       |                            |               |  |    |              |
| M123A01BPC9R1_C | 9.1            |                       |                            |               |  |    |              |
| M123A01BPC100_C | 10             |                       |                            |               |  |    |              |
| M123A01BPC110_C | 11             |                       |                            |               |  |    |              |
| M123A01BPC120_C | 12             | C, D<br>C, J, K       | BP                         | 100           |  |    |              |
| M123A01BPC130_C | 13             |                       |                            |               |  |    |              |
| M123A01BPC150_C | 15             |                       |                            |               |  |    |              |
| M123A01BPC160_C | 16             |                       |                            |               |  |    |              |
| M123A01BPC180_C | 18             |                       |                            |               |  |    |              |
| M123A01BP_200_C | 20             |                       |                            |               | C, J, K<br>C, J, K<br>C, J, K<br>F, J, K | BP | 100, 200     |
| M123A01BP_220_C | 22             |                       |                            |               |  |    |              |
| M123A01BP_240_C | 24             |                       |                            |               |  |    |              |
| M123A01BP_270_C | 27             |                       |                            |               |  |    |              |
| M123A01BP_300_C | 30             |                       |                            |               |  |    |              |
| M123A01BP_330_C | 33             |                       |                            |               |  |    |              |
| M123A01BP_360_C | 36             |                       |                            |               |  |    |              |
| M123A01BP_390_C | 39             |                       |                            |               |  |    |              |
| M123A01BP_430_C | 43             |                       |                            |               |  |    |              |
| M123A01BP_470_C | 47             |                       |                            |               |  |    |              |
| M123A01BP_510_C | 51             | F, J, K               | BP                         | 100, 200      |  |    |              |
| M123A01BP_560_C | 56             |                       |                            |               |  |    |              |
| M123A01BP_620_C | 62             |                       |                            |               |  |    |              |
| M123A01BP_680_C | 68             |                       |                            |               |  |    |              |
| M123A01BP_750_C | 75             |                       |                            |               |  |    |              |
| M123A01BP_820_C | 82             |                       |                            |               |  |    |              |
| M123A01BP_910_C | 91             |                       |                            |               |  |    |              |
| M123A01BP_101_C | 100            |                       |                            |               |  |    |              |
| M123A01BP_111_C | 110            |                       |                            |               |  |    |              |
| M123A01BP_121_C | 120            |                       |                            |               |  |    |              |
| M123A01BP_131_C | 130            | F, J, K               | BP                         | 50, 100       |  |    |              |
| M123A01BP_151_C | 150            |                       |                            |               |  |    |              |
| M123A01BP_161_C | 160            |                       |                            |               |  |    |              |
| M123A01BP_181_C | 180            |                       |                            |               |  |    |              |
| M123A01BP_201_C | 200            |                       |                            |               |  |    |              |
| M123A01BP_221_C | 220            |                       |                            |               |  |    |              |
| M123A01BP_241_C | 240            |                       |                            |               |  |    |              |
| M123A01BP_271_C | 270            |                       |                            |               | F, J, K<br>F, J, K<br>F, J, K            | BP | 50, 100, 200 |
| M123A01BP_301_C | 300            |                       |                            |               |  |    |              |
| M123A01BP_331_C | 330            |                       |                            |               |  |    |              |
| M123A01BP_361_C | 360            | F, J, K               | BP                         | 50, 100       |  |    |              |
| M123A01BP_391_C | 390            |                       |                            |               |  |    |              |
| M123A01BP_431_C | 430            |                       |                            |               |  |    |              |
| M123A01BP_471_C | 470            |                       |                            |               |  |    |              |
| M123A01BP_511_C | 510            |                       |                            |               |  |    |              |
| M123A01BP_561_C | 560            |                       |                            |               |  |    |              |
| M123A01BP_621_C | 620            |                       |                            |               |  |    |              |
| M123A01BP_681_C | 680            |                       |                            |               |  |    |              |
| M123A01BP_751_C | 750            |                       |                            |               |  |    |              |
| M123A01BP_821_C | 820            |                       |                            |               | F, J, K                                  | BP | 50, 100      |
| M123A01BP_911_C | 910            |                       |                            |               |  |    |              |
| M123A01BP_102_C | 1,000          |                       |                            |               |  |    |              |
| M123A01BP_112_C | 1,100          |                       |                            |               |  |    |              |
| M123A01BP_122_C | 1,200          |                       |                            |               |  |    |              |
| M123A01BP_132_C | 1,300          |                       |                            |               |  |    |              |
| M123A01BP_152_C | 1,500          |                       |                            |               |  |    |              |
| M123A01BP_162_C | 1,600          |                       |                            |               |  |    |              |
| M123A01BP_182_C | 1,800          |                       |                            |               |  |    |              |
| M123A01BPB202_C | 2,000          | F, J, K               | BP                         | 50            |  |    |              |
| M123A01BPB222_C | 2,200          |                       |                            |               |  |    |              |
| M123A01BPB242_C | 2,400          |                       |                            |               |  |    |              |
| M123A01BPB272_C | 2,700          |                       |                            |               |  |    |              |
| M123A01BPB302_C | 3,000          |                       |                            |               |  |    |              |
| M123A01BPB332_C | 3,300          |                       |                            |               |  |    |              |
| M123A01BXC271KC | 270            |                       |                            |               | K  | BX | 100          |
| M123A01BXC331KC | 330            |                       |                            |               |  |    |              |
| M123A01BXC391KC | 390            |                       |                            |               |  |    |              |
| M123A01BXC471KC | 470            |                       |                            |               |  |    |              |
| M123A01BXC561KC | 560            |                       |                            |               |  |    |              |
| M123A01BXC681KC | 680            |                       |                            |               |  |    |              |
| M123A01BXC821KC | 820            |                       |                            |               |  |    |              |
| M123A01BXC102KC | 1,000          |                       |                            |               |  |    |              |
| M123A01BXC122KC | 1,200          |                       |                            |               |  |    |              |
| M123A01BXC152KC | 1,500          |                       |                            |               |  |    |              |
| M123A01BXC182KC | 1,800          | K                     | BX                         | 50            |  |    |              |
| M123A01BXC222KC | 2,200          |                       |                            |               |  |    |              |
| M123A01BXC272KC | 2,700          |                       |                            |               |  |    |              |
| M123A01BXC332KC | 3,300          |                       |                            |               |  |    |              |
| M123A01BXC392KC | 3,900          |                       |                            |               |  |    |              |
| M123A01BXC472KC | 4,700          |                       |                            |               |  |    |              |
| M123A01BXC562KC | 5,600          |                       |                            |               | K  | BX | 50, 100      |
| M123A01BXC682KC | 6,800          |                       |                            |               |  |    |              |
| M123A01BXC822KC | 8,200          |                       |                            |               |  |    |              |
| M123A01BXC103KC | 10,000         |                       |                            |               |  |    |              |
| M123A01BXC123KC | 12,000         |                       |                            |               |  |    |              |
| M123A01BXC153KC | 15,000         |                       |                            |               |  |    |              |
| M123A01BXC183KC | 18,000         |                       |                            |               |  |    |              |
| M123A01BXC223KC | 22,000         |                       |                            |               |  |    |              |
| M123A01BXC273KC | 27,000         |                       |                            |               |  |    |              |
| M123A01BXC333KC | 33,000         |                       |                            |               |  |    |              |
| M123A01BXC393KC | 39,000         | K                     | BX                         | 50, 100       |  |    |              |
| M123A01BXC473KC | 47,000         |                       |                            |               |  |    |              |
| M123A02BX_563KC | 56,000         |                       |                            |               |  |    |              |
| M123A02BX_683KC | 68,000         |                       |                            |               |  |    |              |
| M123A02BX_823KC | 82,000         |                       |                            |               |  |    |              |
| M123A02BX_104KC | 100,000        |                       |                            |               |  |    |              |

**CKS05**

**CKS06**



**MIL-PRF-123/STYLE CKS06, -/02**

| Part Number 1/  | Capacitance pF | Capacitance Tolerance         | Voltage-Temperature Limits | Rated Voltage     |                               |                |                   |
|-----------------|----------------|-------------------------------|----------------------------|-------------------|-------------------------------|----------------|-------------------|
| M123A02BPC271_C | 270            | F, J, K<br>F, J, K<br>F, J, K | BP<br>BP<br>BP             | 100<br>100<br>100 |                               |                |                   |
| M123A02BPC301_C | 300            |                               |                            |                   |                               |                |                   |
| M123A02BPC331_C | 330            |                               |                            |                   |                               |                |                   |
| M123A02BP_361_C | 360            | F, J, K                       | BP                         | 100, 200          |                               |                |                   |
| M123A02BP_391_C | 390            |                               |                            |                   |                               |                |                   |
| M123A02BP_431_C | 430            |                               |                            |                   |                               |                |                   |
| M123A02BP_471_C | 470            |                               |                            |                   |                               |                |                   |
| M123A02BP_511_C | 510            |                               |                            |                   |                               |                |                   |
| M123A02BP_561_C | 560            |                               |                            |                   |                               |                |                   |
| M123A02BP_621_C | 620            |                               |                            |                   |                               |                |                   |
| M123A02BP_681_C | 680            |                               |                            |                   |                               |                |                   |
| M123A02BP_751_C | 750            |                               |                            |                   |                               |                |                   |
| M123A02BP_821_C | 820            |                               |                            |                   |                               |                |                   |
| M123A02BP_911_C | 910            | F, J, K                       | BP                         | 100, 200          |                               |                |                   |
| M123A02BP_102_C | 1,000          |                               |                            |                   |                               |                |                   |
| M123A02BP_112_C | 1,100          |                               |                            |                   |                               |                |                   |
| M123A02BP_122_C | 1,200          |                               |                            |                   |                               |                |                   |
| M123A02BP_132_C | 1,300          |                               |                            |                   |                               |                |                   |
| M123A02BP_152_C | 1,500          |                               |                            |                   |                               |                |                   |
| M123A02BP_162_C | 1,600          |                               |                            |                   |                               |                |                   |
| M123A02BP_182_C | 1,800          |                               |                            |                   |                               |                |                   |
| M123A02BPC202_C | 2,000          |                               |                            |                   | F, J, K<br>F, J, K<br>F, J, K | BP<br>BP<br>BP | 100<br>100<br>100 |
| M123A02BPC222_C | 2,200          |                               |                            |                   |                               |                |                   |
| M123A02BPC242_C | 2,400          |                               |                            |                   |                               |                |                   |
| M123A02BP_272_C | 2,700          | F, J, K                       | BP                         | 50, 100           |                               |                |                   |
| M123A02BP_302_C | 3,000          |                               |                            |                   |                               |                |                   |
| M123A02BP_332_C | 3,300          |                               |                            |                   |                               |                |                   |
| M123A02BP_362_C | 3,600          |                               |                            |                   |                               |                |                   |
| M123A02BP_392_C | 3,900          |                               |                            |                   |                               |                |                   |
| M123A02BP_432_C | 4,300          |                               |                            |                   |                               |                |                   |
| M123A02BP_472_C | 4,700          |                               |                            |                   |                               |                |                   |
| M123A02BPB512_C | 5,100          |                               |                            |                   | F, J, K                       | BP             | 50                |
| M123A02BPB562_C | 5,600          |                               |                            |                   |                               |                |                   |
| M123A02BPB622_C | 6,200          |                               |                            |                   |                               |                |                   |
| M123A02BPB682_C | 6,800          |                               |                            |                   |                               |                |                   |
| M123A02BPB752_C | 7,500          |                               |                            |                   |                               |                |                   |
| M123A02BPB822_C | 8,200          |                               |                            |                   |                               |                |                   |
| M123A02BPB912_C | 9,100          |                               |                            |                   |                               |                |                   |
| M123A02BPB103_C | 10,000         |                               |                            |                   |                               |                |                   |
| M123A02BPB123_C | 12,000         |                               |                            |                   |                               |                |                   |
| M123A02BPB153_C | 15,000         |                               |                            |                   |                               |                |                   |
| M123A02BPB183_C | 18,000         | K                             | BX                         | 100               |                               |                |                   |
| M123A02BXC562KC | 5,600          |                               |                            |                   |                               |                |                   |
| M123A02BXC682KC | 6,800          |                               |                            |                   |                               |                |                   |
| M123A02BXC822KC | 8,200          |                               |                            |                   |                               |                |                   |
| M123A02BXC103KC | 10,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC123KC | 12,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC153KC | 15,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC183KC | 18,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC223KC | 22,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC273KC | 27,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC333KC | 33,000         |                               |                            |                   |                               |                |                   |
| M123A02BXC393KC | 39,000         | K                             | BX                         | 100               |                               |                |                   |
| M123A02BXC473KC | 47,000         |                               |                            |                   |                               |                |                   |
| M123A02BX_563KC | 56,000         |                               |                            |                   |                               |                |                   |
| M123A02BX_683KC | 68,000         |                               |                            |                   |                               |                |                   |
| M123A02BX_823KC | 82,000         |                               |                            |                   |                               |                |                   |
| M123A02BX_104KC | 100,000        |                               |                            |                   |                               |                |                   |

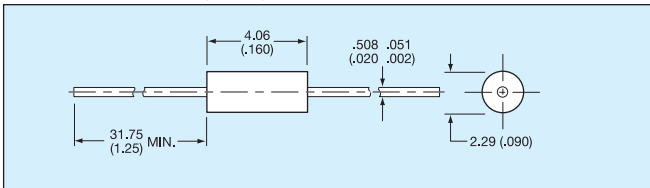
## Axial Leads

### MIL-PRF-123/STYLE CKS06, -/02

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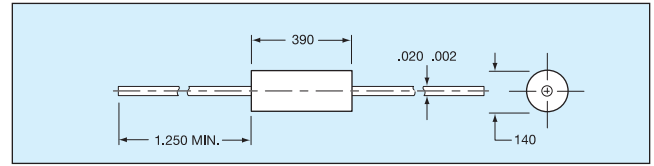
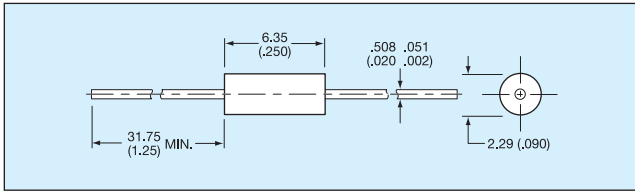
| Part Number 1/  | Capacitance<br>pF | Capacitance<br>Tolerance | Voltage-<br>Temperature<br>Limits | Rated<br>Voltage |
|-----------------|-------------------|--------------------------|-----------------------------------|------------------|
| M123A02BXB124KC | 120,000           | K                        | BX                                | 50               |
| M123A02BXB154KC | 150,000           |                          |                                   |                  |
| M123A02BXB184KC | 180,000           |                          |                                   |                  |
| M123A02BXB224KC | 220,000           |                          |                                   |                  |
| M123A02BXB274KC | 270,000           |                          |                                   |                  |
| M123A02BXB334KC | 330,000           |                          |                                   |                  |
| M123A02BXB394KC | 390,000           |                          |                                   |                  |
| M123A02BXB474KC | 470,000           |                          |                                   |                  |
| M123A02BXB564KC | 560,000           |                          |                                   |                  |
| M123A02BXB684KC | 680,000           |                          |                                   |                  |
| M123A02BXB824KC | 820,000           | K                        | BX                                | 50               |
| M123A02BXB105KC | 1,000,000         |                          |                                   |                  |

Dimensions: Millimeters (Inches)



### MIL-PRF-123/STYLE CKS11, -/04

| Part Number 1/  | Capacitance<br>pF | Capacitance<br>Tolerance | Voltage-<br>Temperature<br>Limits | Rated<br>Voltage |
|-----------------|-------------------|--------------------------|-----------------------------------|------------------|
| M123A04BPC4R7-W | 4.7               | C,D                      | BP                                | 100              |
| M123A04BPC5R1-W | 5.1               | C,D                      | BP                                | 100              |
| M123A04BPC6R2-W | 6.2               | C,D                      | BP                                | 100              |
| M123A04BPC6R8-W | 6.8               | C,D                      | BP                                | 100              |
| M123A04BPC7R5-W | 7.5               | C,D                      | BP                                | 100              |
| M123A04BPC8R2-W | 8.2               | C,D                      | BP                                | 100              |
| M123A04BPC9R1-W | 9.1               | C,D                      | BP                                | 100              |
| M123A04BPC100-W | 10                | C,J, K                   | BP                                | 100              |
| M123A04BPC110-W | 11                | C,J, K                   | BP                                | 100              |
| M123A04BPC120-W | 12                | C,J, K                   | BP                                | 100              |
| M123A04BPC130-W | 13                | C,J, K                   | BP                                | 100              |
| M123A04BPC150-W | 15                | C,J, K                   | BP                                | 100              |
| M123A04BPC160-W | 16                | C,J, K                   | BP                                | 100              |
| M123A04BPC180-W | 18                | C,J, K                   | BP                                | 100              |
| M123A04BPC200-W | 20                | C,J, K                   | BP                                | 100              |
| M123A04BPC220-W | 22                | C,J, K                   | BP                                | 100              |
| M123A04BPC240-W | 24                | C,J, K                   | BP                                | 100              |
| M123A04BPC270-W | 27                | F, J, K                  | BP                                | 100              |
| M123A04BPC300-W | 30                | F, J, K                  | BP                                | 100              |
| M123A04BPC330-W | 33                | F, J, K                  | BP                                | 100              |
| M123A04BPC360-W | 36                | F, J, K                  | BP                                | 100              |
| M123A04BPC390-W | 39                | F, J, K                  | BP                                | 100              |
| M123A04BPC430-W | 43                | F, J, K                  | BP                                | 100              |
| M123A04BPC470-W | 47                | F, J, K                  | BP                                | 100              |
| M123A04BPC510-W | 51                | F, J, K                  | BP                                | 100              |
| M123A04BPC560-W | 56                | F, J, K                  | BP                                | 100              |
| M123A04BPC620-W | 62                | F, J, K                  | BP                                | 100              |
| M123A04BPC680-W | 68                | F, J, K                  | BP                                | 100              |
| M123A04BPC750-W | 75                | F, J, K                  | BP                                | 100              |
| M123A04BPC820-W | 82                | F, J, K                  | BP                                | 100              |
| M123A04BPC910-W | 91                | F, J, K                  | BP                                | 100              |
| M123A04BPC101-W | 100               | F, J, K                  | BP                                | 100              |

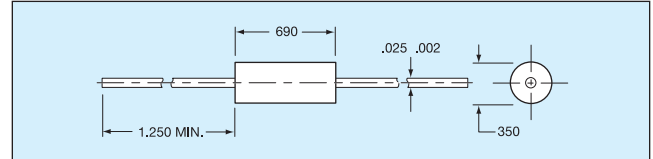
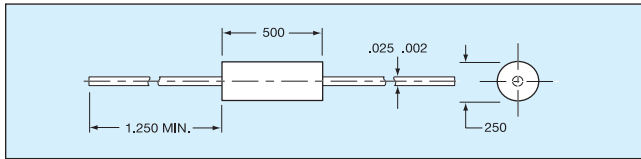


### MIL-PRF-123/STYLE CKS12, -/05

| Part Number 1/  | Capacitance pF | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A05BPD820_W | 82             | F, J, K               | BP                         | 200           |
| M123A05BPD910_W | 91             | F, J, K               | BP                         | 200           |
| M123A05BPD101_W | 100            | F, J, K               | BP                         | 200           |
| M123A05BP_111_W | 110            | F, J, K               | BP                         | 100, 200      |
| M123A05BP_121_W | 120            | F, J, K               | BP                         | 100, 200      |
| M123A05BP_131_W | 130            | F, J, K               | BP                         | 100, 200      |
| M123A05BPC151_W | 150            | F, J, K               | BP                         | 100           |
| M123A05BPC161_W | 160            | ↓                     | ↓                          | ↓             |
| M123A05BPC181_W | 180            | ↓                     | ↓                          | ↓             |
| M123A05BPC201_W | 200            | ↓                     | ↓                          | ↓             |
| M123A05BPC221_W | 220            | F, J, K               | BP                         | 100           |
| M123A05BPB241_W | 240            | F, J, K               | BP                         | 50            |
| M123A05BP_271_W | 270            | F, J, K               | BP                         | 50, 100       |
| M123A05BP_301_W | 300            | ↓                     | ↓                          | ↓             |
| M123A05BP_331_W | 330            | ↓                     | ↓                          | ↓             |
| M123A05BP_361_W | 360            | ↓                     | ↓                          | ↓             |
| M123A05BP_391_W | 390            | ↓                     | ↓                          | ↓             |
| M123A05BP_431_W | 430            | ↓                     | ↓                          | ↓             |
| M123A05BP_471_W | 470            | F, J, K               | BP                         | 50, 100       |
| M123A05BPC511_W | 510            | F, J, K               | BP                         | 100           |
| M123A05BPC561_W | 560            | ↓                     | ↓                          | ↓             |
| M123A05BPC621_W | 620            | ↓                     | ↓                          | ↓             |
| M123A05BPC681_W | 680            | F, J, K               | BP                         | 100           |
| M123A05BPB751_W | 750            | F, J, K               | BP                         | 50            |
| M123A05BPB821_W | 820            | ↓                     | ↓                          | ↓             |
| M123A05BPB911_W | 910            | ↓                     | ↓                          | ↓             |
| M123A05BPB102_W | 1000           | F, J, K               | BP                         | 50            |
| M123A05BXC122KW | 1,200          | ↓                     | ↓                          | ↓             |
| M123A05BXC152KW | 1,500          | ↓                     | ↓                          | ↓             |
| M123A05BXC182KW | 1,800          | ↓                     | ↓                          | ↓             |
| M123A05BXC222KW | 2,200          | ↓                     | ↓                          | ↓             |
| M123A05BXC272KW | 2,700          | ↓                     | ↓                          | ↓             |
| M123A05BXC332KW | 3,300          | ↓                     | ↓                          | ↓             |
| M123A05BXC392KW | 3,900          | ↓                     | ↓                          | ↓             |
| M123A05BXC472KW | 4,700          | K                     | BX                         | 100           |
| M123A05BXC562KW | 5,600          | ↓                     | ↓                          | ↓             |
| M123A05BXC682KW | 6,800          | ↓                     | ↓                          | ↓             |
| M123A05BXC822KW | 8,200          | ↓                     | ↓                          | ↓             |
| M123A05BXC103KW | 10,000         | K                     | BX                         | 50            |

### MIL-PRF-123/STYLE CKS14, -/06

| Part Number 1/  | Capacitance pF | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A06BPD151_W | 150            | F, J, K               | BP                         | 200           |
| M123A06BPD161_W | 160            | ↓                     | ↓                          | ↓             |
| M123A06BPD181_W | 180            | ↓                     | ↓                          | ↓             |
| M123A06BPD201_W | 200            | ↓                     | ↓                          | ↓             |
| M123A06BPD221_W | 220            | F, J, K               | BP                         | 200           |
| M123A06BP_241_W | 240            | F, J, K               | BP                         | 100, 200      |
| M123A06BP_271_W | 270            | ↓                     | ↓                          | ↓             |
| M123A06BP_301_W | 300            | ↓                     | ↓                          | ↓             |
| M123A06BP_331_W | 330            | ↓                     | ↓                          | ↓             |
| M123A06BP_361_W | 360            | ↓                     | ↓                          | ↓             |
| M123A06BP_391_W | 390            | ↓                     | ↓                          | ↓             |
| M123A06BP_431_W | 430            | ↓                     | ↓                          | ↓             |
| M123A06BP_471_W | 470            | ↓                     | ↓                          | ↓             |
| M123A06BP_511_W | 510            | ↓                     | ↓                          | ↓             |
| M123A06BP_561_W | 560            | ↓                     | ↓                          | ↓             |
| M123A06BP_621_W | 620            | ↓                     | ↓                          | ↓             |
| M123A06BP_681_W | 680            | F, J, K               | BP                         | 100, 200      |
| M123A06BPC751_W | 750            | F, J, K               | BP                         | 100           |
| M123A06BPC821_W | 820            | ↓                     | ↓                          | ↓             |
| M123A06BPC911_W | 910            | ↓                     | ↓                          | ↓             |
| M123A06BPC102_W | 1,000          | F, J, K               | BP                         | 100           |
| M123A06BP_112_W | 1,100          | F, J, K               | BP                         | 50, 100       |
| M123A06BP_122_W | 1,200          | ↓                     | ↓                          | ↓             |
| M123A06BP_132_W | 1,300          | ↓                     | ↓                          | ↓             |
| M123A06BP_152_W | 1,500          | ↓                     | ↓                          | ↓             |
| M123A06BP_162_W | 1,600          | ↓                     | ↓                          | ↓             |
| M123A06BP_182_W | 1,800          | ↓                     | ↓                          | ↓             |
| M123A06BP_202_W | 2,000          | ↓                     | ↓                          | ↓             |
| M123A06BP_222_W | 2,200          | F, J, K               | BP                         | 50, 100       |
| M123A06BPB242_W | 2,400          | F, J, K               | BP                         | 50            |
| M123A06BPB272_W | 2,700          | ↓                     | ↓                          | ↓             |
| M123A06BPB302_W | 3,000          | ↓                     | ↓                          | ↓             |
| M123A06BPB332_W | 3,300          | ↓                     | ↓                          | ↓             |
| M123A06BPB362_W | 3,600          | ↓                     | ↓                          | ↓             |
| M123A06BPB392_W | 3,900          | ↓                     | ↓                          | ↓             |
| M123A06BPB432_W | 4,300          | ↓                     | ↓                          | ↓             |
| M123A06BPB472_W | 4,700          | ↓                     | ↓                          | ↓             |
| M123A06BPB512_W | 5,100          | ↓                     | ↓                          | ↓             |
| M123A06BPB562_W | 5,600          | ↓                     | ↓                          | ↓             |
| M123A06BPB622_W | 6,200          | ↓                     | ↓                          | ↓             |
| M123A06BPB682_W | 6,800          | F, J, K               | BP                         | 50            |
| M123A06BXC562KW | 5,600          | K                     | BX                         | 100           |
| M123A06BXC682KW | 6,800          | ↓                     | ↓                          | ↓             |
| M123A06BXC822KW | 8,200          | ↓                     | ↓                          | ↓             |
| M123A06BXC103KW | 10,000         | K                     | BX                         | 100           |
| M123A06BXC123KW | 12,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC153KW | 15,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC183KW | 18,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC223KW | 22,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC273KW | 27,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC333KW | 33,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC393KW | 39,000         | ↓                     | ↓                          | ↓             |
| M123A06BXC473KW | 47,000         | K                     | BX                         | 50            |



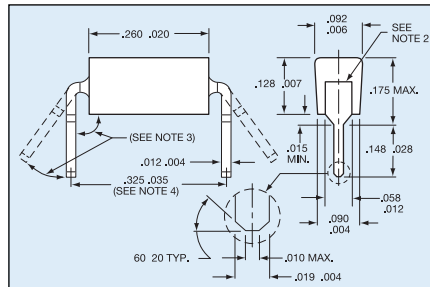
### MIL-PRF-123/STYLE CKS15, -/07

| Part Number 1/  | Capacitance pF | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A07BPD821_W | 820            | F, J, K               | BP                         | 200           |
| M123A07BPD102_W | 1000           | F, J, K               | BP                         | 200           |
| M123A07BP_112_W | 1,100          | F, J, K               | BP                         | 100, 200      |
| M123A07BP_122_W | 1,200          | ↓                     | ↓                          | ↓             |
| M123A07BP_132_W | 1,300          | ↓                     | ↓                          | ↓             |
| M123A07BP_152_W | 1,500          | ↓                     | ↓                          | ↓             |
| M123A07BP_162_W | 1,600          | ↓                     | ↓                          | ↓             |
| M123A07BP_182_W | 1,800          | ↓                     | ↓                          | ↓             |
| M123A07BP_202_W | 2,000          | ↓                     | ↓                          | ↓             |
| M123A07BP_222_W | 2,200          | F, J, K               | BP                         | 100, 200      |
| M123A07BP_242_W | 2,400          | F, J, K               | BP                         | 50, 200       |
| M123A07BP_272_W | 2,700          | ↓                     | ↓                          | ↓             |
| M123A07BP_302_W | 3,000          | ↓                     | ↓                          | ↓             |
| M123A07BP_332_W | 3,300          | F, J, K               | BP                         | 50, 200       |
| M123A07BPB362_W | 3,600          | F, J, K               | BP                         | 50            |
| M123A07BP_392_W | 3,900          | F, J, K               | BP                         | 50, 100       |
| M123A07BP_432_W | 4,300          | ↓                     | ↓                          | ↓             |
| M123A07BP_472_W | 4,700          | ↓                     | ↓                          | ↓             |
| M123A07BP_512_W | 5,100          | ↓                     | ↓                          | ↓             |
| M123A07BP_562_W | 5,600          | ↓                     | ↓                          | ↓             |
| M123A07BP_622_W | 6,200          | ↓                     | ↓                          | ↓             |
| M123A07BP_682_W | 6,800          | ↓                     | ↓                          | ↓             |
| M123A07BP_752_W | 7,500          | ↓                     | ↓                          | ↓             |
| M123A07BP_822_W | 8,200          | ↓                     | ↓                          | ↓             |
| M123A07BP_912_W | 9,100          | ↓                     | ↓                          | ↓             |
| M123A07BP_103_W | 10,000         | ↓                     | ↓                          | ↓             |
| M123A07BP_113_W | 11,000         | ↓                     | ↓                          | ↓             |
| M123A07BP_123_W | 12,000         | F, J, K               | BP                         | 50, 100       |
| M123A07BPB133_W | 13,000         | F, J, K               | BP                         | 50            |
| M123A07BPB153_W | 15,000         | ↓                     | ↓                          | ↓             |
| M123A07BPB163_W | 16,000         | ↓                     | ↓                          | ↓             |
| M123A07BPB183_W | 18,000         | ↓                     | ↓                          | ↓             |
| M123A07BPB203_W | 20,000         | ↓                     | ↓                          | ↓             |
| M123A07BPB223_W | 22,000         | ↓                     | ↓                          | ↓             |
| M123A07BPB273_W | 27,000         | F, J, K               | BP                         | 50            |
| M123A07BXC123KW | 12,000         | K                     | BX                         | 100           |
| M123A07BXC153KW | 15,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC183KW | 18,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC223KW | 22,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC273KW | 27,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC333KW | 33,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC393KW | 39,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC473KW | 47,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC563KW | 56,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC683KW | 68,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC823KW | 82,000         | ↓                     | ↓                          | ↓             |
| M123A07BXC104KW | 100,000        | K                     | BX                         | 100           |
| M123A07BXC124KW | 120,000        | K                     | BX                         | 50            |
| M123A07BXC154KW | 150,000        | K                     | BX                         | 50            |
| M123A07BXC184KW | 180,000        | K                     | BX                         | 50            |

### MIL-PRF-123/STYLE CKS16, -/08

| Part Number 1/  | Capacitance pF | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A08BPC242_W | 2,400          | F, J, K               | BP                         | 100           |
| M123A08BPC272_W | 2,700          | ↓                     | ↓                          | ↓             |
| M123A08BPC302_W | 3,000          | ↓                     | ↓                          | ↓             |
| M123A08BPC332_W | 3,300          | F, J, K               | BP                         | 100           |
| M123A08BPC362_W | 3,600          | ↓                     | ↓                          | ↓             |
| M123A08BP_392_W | 3,900          | F, J, K               | BP                         | 100, 200      |
| M123A08BP_432_W | 4,300          | ↓                     | ↓                          | ↓             |
| M123A08BP_472_W | 4,700          | ↓                     | ↓                          | ↓             |
| M123A08BP_512_W | 5,100          | ↓                     | ↓                          | ↓             |
| M123A08BP_562_W | 5,600          | ↓                     | ↓                          | ↓             |
| M123A08BP_622_W | 6,200          | ↓                     | ↓                          | ↓             |
| M123A08BP_682_W | 6,800          | ↓                     | ↓                          | ↓             |
| M123A08BP_822_W | 8,200          | ↓                     | ↓                          | ↓             |
| M123A08BP_912_W | 9,100          | ↓                     | ↓                          | ↓             |
| M123A08BP_103_W | 10,000         | F, J, K               | BP                         | 100, 200      |
| M123A08BPB113_W | 11,000         | F, J, K               | BP                         | 50            |
| M123A08BPB123_W | 12,000         | F, J, K               | BP                         | 50            |
| M123A08BPB133_W | 13,000         | F, J, K               | BP                         | 50            |
| M123A08BP_153_W | 15,000         | F, J, K               | BP                         | 50, 100       |
| M123A08BP_163_W | 16,000         | ↓                     | ↓                          | ↓             |
| M123A08BP_183_W | 18,000         | ↓                     | ↓                          | ↓             |
| M123A08BP_203_W | 20,000         | ↓                     | ↓                          | ↓             |
| M123A08BP_223_W | 22,000         | F, J, K               | BP                         | 50, 100       |
| M123A08BPC273_W | 27,000         | F, J, K               | BP                         | 100           |
| M123A08BPC333_W | 33,000         | F, J, K               | BP                         | 100           |
| M123A08BPC393_W | 39,000         | F, J, K               | BP                         | 100           |
| M123A08BPB473_W | 47,000         | F, J, K               | BP                         | 50            |
| M123A08BPB563_W | 56,000         | ↓                     | ↓                          | ↓             |
| M123A08BPB683_W | 68,000         | ↓                     | ↓                          | ↓             |
| M123A08BPB823_W | 82,000         | F, J, K               | BP                         | 50            |
| M123A08BXC124KW | 120,000        | K                     | BX                         | 100           |
| M123A08BXC154KW | 150,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC184KW | 180,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC224KW | 220,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC274KW | 270,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC334KW | 330,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC394KW | 390,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC474KW | 470,000        | K                     | BX                         | 100           |
| M123A08BXC564KW | 560,000        | K                     | BX                         | 50            |
| M123A08BXC684KW | 680,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC824KW | 820,000        | ↓                     | ↓                          | ↓             |
| M123A08BXC105KW | 1,000,000      | K                     | BX                         | 50            |

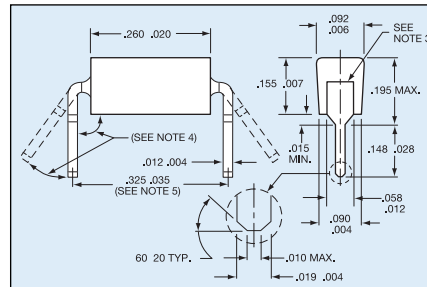
### STYLE CKS22, -/16



#### NOTES:

1. Dimensions are in inches.
2. Leads shall be centered within  $\pm 0.005$  (0.13mm).
3. The angle shall be  $95^\circ \pm 10^\circ, -5^\circ$ .
4. The distance between the centers of the mounting holes will be  $.300 \pm 0.010$  inch (7.62  $\pm 0.25$ mm).
5. Nonconductive material shall not extend beyond .030 inch (0.76mm) from the edge of the capacitor body.

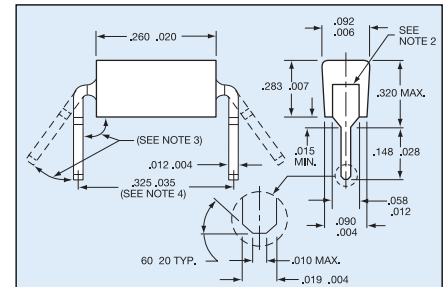
### STYLE CKS23, -/17



#### NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Leads shall be centered within  $\pm 0.005$  (0.13mm).
4. The angle shall be  $95^\circ \pm 10^\circ, -5^\circ$ .
5. The distance between the centers of the mounting holes will be  $.300 \pm 0.010$  inch (7.62  $\pm 0.25$ mm).
6. Nonconductive materials shall not extend beyond .030 inch (0.76mm) from the edge of the capacitor body.

### STYLE CKS24, -/18



#### NOTES:

1. Dimensions are in inches.
2. Leads shall be centered within  $\pm 0.005$  (0.13mm).
3. The angle shall be  $95^\circ \pm 10^\circ, -5^\circ$ .
4. The distance between the centers of the mounting holes will be  $.300 \pm 0.010$  inch (7.62  $\pm 0.25$ mm).
5. Nonconductive material shall not extend beyond .030 inch (0.76mm) from the edge of the capacitor body.

### MIL-PRF-123/STYLE CKS22, -/16

| Part Number 1/  | Capacitance pf | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A16BPD1R0DC | 1.0            | D                     | BP                         | 200           |
| M123A16BPD1R2DC | 1.2            |                       |                            |               |
| M123A16BPD1R5DC | 1.5            |                       |                            |               |
| M123A16BPD1R8DC | 1.8            |                       |                            |               |
| M123A16BPD2R2DC | 2.2            |                       |                            |               |
| M123A16BPD2R7DC | 2.7            |                       |                            |               |
| M123A16BPD3R3DC | 3.3            |                       |                            |               |
| M123A16BPD3R9DC | 3.9            |                       |                            |               |
| M123A16BPD4R7DC | 4.7            |                       |                            |               |
| M123A16BPD5R6DC | 5.6            |                       |                            |               |
| M123A16BPD6R8DC | 6.8            |                       |                            |               |
| M123A16BPD8R2DC | 8.2            |                       |                            |               |
| M123A16BPD100_C | 10             | D, J, K               |                            |               |
| M123A16BPD120_C | 12             |                       |                            |               |
| M123A16BPD150_C | 15             |                       |                            |               |
| M123A16BPD180_C | 18             |                       |                            |               |
| M123A16BPD220_C | 22             |                       |                            |               |
| M123A16BPD270_C | 27             |                       |                            |               |
| M123A16BPD330_C | 33             |                       |                            |               |
| M123A16BPD390_C | 39             |                       |                            |               |
| M123A16BPD470_C | 47             |                       |                            |               |
| M123A16BPD560_C | 56             |                       |                            |               |
| M123A16BPD680_C | 68             | F, J, K               |                            |               |
| M123A16BPD820_C | 82             |                       |                            |               |
| M123A16BPD101_C | 100            |                       |                            |               |
| M123A16BPD121_C | 120            |                       |                            |               |
| M123A16BPD151_C | 150            |                       |                            |               |
| M123A16BPD181_C | 180            |                       |                            |               |
| M123A16BPD221_C | 220            |                       |                            |               |
| M123A16BPD271_C | 270            |                       |                            |               |
| M123A16BPD331_C | 330            |                       |                            |               |
| M123A16BPD391_C | 390            |                       |                            |               |
| M123A16BPD471_C | 470            | F, J, K               | BP                         | 200           |
| M123A16BPC561_C | 560            | F, J, K               | BP                         | 100           |
| M123A16BPC681_C | 680            |                       |                            |               |
| M123A16BPC821_C | 820            |                       |                            |               |
| M123A16BPC102_C | 1000           |                       |                            |               |
| M123A16BPC122_C | 1200           |                       |                            |               |
| M123A16BPC152_C | 1500           |                       |                            |               |
| M123A16BPC182_C | 1800           |                       |                            |               |
| M123A16BPC222_C | 2200           | F, J, K               | BP                         | 100           |
| M123A16BPB272_C | 2700           | F, J, K               | BP                         | 50            |
| M123A16BPB332_C | 3300           |                       |                            |               |
| M123A16BPB392_C | 3900           |                       |                            |               |
| M123A16BPB472_C | 4700           | F, J, K               | BP                         | 50            |
| M123A16BXD271KC | 270            | K                     | BX                         | 200           |
| M123A16BXD331_C | 330            | K, M                  |                            |               |
| M123A16BXD391KC | 390            | K                     |                            |               |
| M123A16BXD471_C | 470            | K, M                  |                            |               |
| M123A16BXD561KC | 560            | K                     |                            |               |
| M123A16BXD681_C | 680            | K, M                  |                            |               |
| M123A16BXD821KC | 820            | K                     | BX                         | 200           |
| M123A16BXC102_C | 1000           | K, M                  | BX                         | 100           |
| M123A16BXC122KC | 1200           | K                     |                            |               |
| M123A16BXC152_C | 1500           | K, M                  |                            |               |
| M123A16BXC182KC | 1800           | K                     |                            |               |
| M123A16BXC222_C | 2200           | K, M                  | BX                         | 100           |

| Part Number 1/  | Capacitance pf | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A16BXC272KC | 2700           | K                     | BX                         | 100           |
| M123A16BXC332_C | 3300           | K, M                  |                            |               |
| M123A16BXC392KC | 3900           | K                     |                            |               |
| M123A16BXC472_C | 4700           | K, M                  |                            |               |
| M123A16BXC562KC | 5600           | K                     |                            |               |
| M123A16BXC682_C | 6800           | K, M                  |                            |               |
| M123A16BXC822KC | 8200           | K                     |                            |               |
| M123A16BXC103_C | 10000          | K, M                  | BX                         | 100           |
| M123A16BXC123KC | 12000          | K                     |                            |               |
| M123A16BXC153_C | 15000          | K, M                  |                            |               |
| M123A16BXC183KC | 18000          | K                     |                            |               |
| M123A16BXC223_C | 22000          | K, M                  |                            |               |
| M123A16BXC273KC | 27000          | K                     |                            |               |
| M123A16BXC333_C | 33000          | K, M                  |                            |               |
| M123A16BXC393KC | 39000          | K                     |                            |               |
| M123A16BXC473_C | 47000          | K, M                  |                            |               |
| M123A16BXC563KC | 56000          | K                     |                            |               |
| M123A16BXC683_C | 68000          | K, M                  |                            |               |
| M123A16BXC823KC | 82000          | K                     |                            |               |
| M123A16BXC104_C | 100000         | K, M                  | BX                         | 50            |

1/The complete part number shall include a symbol to indicate capacitance tolerance, as applicable.

### MIL-PRF-123/STYLE CKS23, -/17

| Part Number 1/  | Capacitance pf | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A17BPD561_C | 560            | F, J, K               | BP                         | 200           |
| M123A17BPD681_C | 680            |                       |                            |               |
| M123A17BPD821_C | 820            |                       |                            |               |
| M123A17BPD102_C | 1000           |                       |                            |               |
| M123A17BPD122_C | 1200           | F, J, K               | BP                         | 200           |
| M123A17BPC272_C | 2700           | F, J, K               | BP                         | 100           |
| M123A17BPC332_C | 3300           | F, J, K               | BP                         | 100           |
| M123A17BPC472_C | 4700           | F, J, K               | BP                         | 50            |
| M123A17BPC562_C | 5600           |                       |                            |               |
| M123A17BPC682_C | 6800           |                       |                            |               |
| M123A17BPC822_C | 8200           |                       |                            |               |
| M123A17BPC103_C | 10000          | F, J, K               | BP                         | 50            |
| M123A17BXD102_C | 1000           | K, M                  | BX                         | 200           |
| M123A17BXD122KC | 1200           | K                     |                            |               |
| M123A17BXD152_C | 1500           | K, M                  |                            |               |
| M123A17BXD182KC | 1800           | K                     |                            |               |
| M123A17BXD222_C | 2200           | K, M                  |                            |               |
| M123A17BXD272KC | 2700           | K                     |                            |               |
| M123A17BXD332_C | 3300           | K, M                  |                            |               |
| M123A17BXD392KC | 3900           | K                     |                            |               |
| M123A17BXD472_C | 4700           | K, M                  |                            |               |
| M123A17BXD562KC | 5600           | K                     |                            |               |
| M123A17BXD682_C | 6800           | K, M                  |                            |               |
| M123A17BXD822KC | 8200           | K                     |                            |               |
| M123A17BXD103_C | 10000          | K, M                  | BX                         | 200           |
| M123A17BXC123KC | 12000          | K                     | BX                         | 100           |
| M123A17BXC153_C | 15000          | K, M                  |                            |               |
| M123A17BXC183KC | 18000          | K                     |                            |               |
| M123A17BXC223_C | 22000          | K, M                  |                            |               |
| M123A17BXC273KC | 27000          | K                     | BX                         | 100           |

| Part Number 1/  | Capacitance pf | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A17BXC333_C | 33000          | K, M                  | BX                         | 100           |
| M123A17BXC393KC | 39000          | K                     |                            |               |
| M123A17BXC473_C | 47000          | K, M                  |                            |               |
| M123A17BXC563KC | 56000          | K                     |                            |               |
| M123A17BXC683_C | 68000          | K, M, K               |                            |               |
| M123A17BXC823KC | 82000          |                       |                            |               |
| M123A17BXC104_C | 100000         | K, M                  | BX                         | 100           |
| M123A17BXC124KC | 120000         | K                     | BX                         | 50            |
| M123A17BXC154_C | 150000         | K, M                  |                            |               |
| M123A17BXC184KC | 180000         | K                     |                            |               |
| M123A17BXC224_C | 220000         | K, M                  | BX                         | 50            |

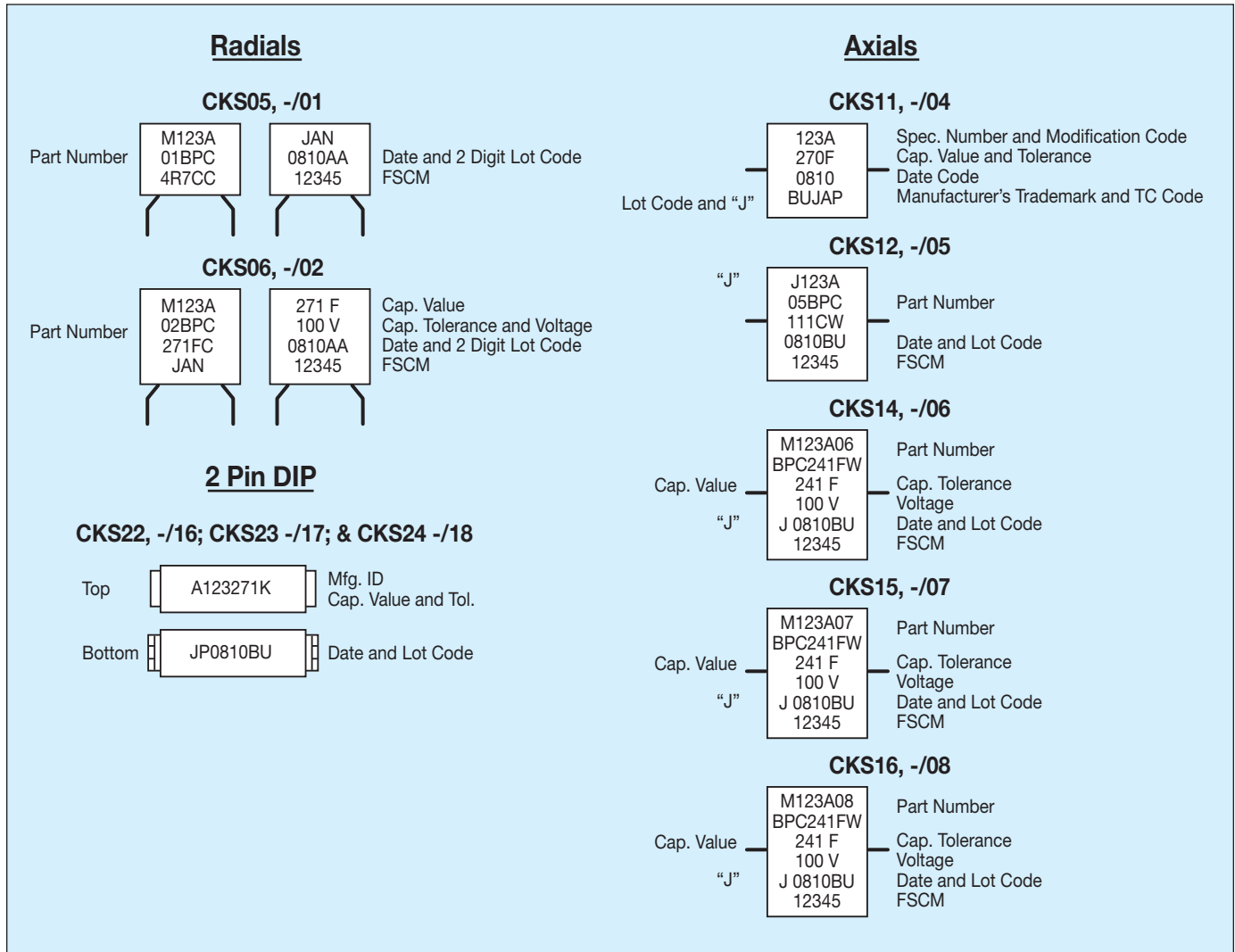
1/The complete part number shall include a symbol to indicate capacitance tolerance, as applicable.

### MIL-PRF-123/STYLE CKS24, -/18

| Part Number 1/  | Capacitance pf | Capacitance Tolerance | Voltage-Temperature Limits | Rated Voltage |
|-----------------|----------------|-----------------------|----------------------------|---------------|
| M123A18BRC124KC | 120,000        | K, M                  | BR                         | 100           |
| M123A18BRC154_C | 150,000        | K, M                  | BR                         | 100           |
| M123A18BRB184KC | 180,000        | K, M                  | BR                         | 50            |
| M123A18BRB224_C | 220,000        | K, M                  | BR                         | 50            |
| M123A18B-B274_C | 270,000        | K, M                  | BX, BR                     | 50            |
| M123A18B-B334_C | 330,000        |                       |                            |               |
| M123A18B-B394_C | 390,000        |                       |                            |               |
| M123A18B-B474_C | 470,000        | K, M                  | BX, BR                     | 50            |
| M123A18BXB564_C | 560,000        | K, M                  | BX                         | 50            |
| M123A18BXB684_C | 680,000        |                       |                            |               |
| M123A18BXB824_C | 820,000        |                       |                            |               |
| M123A18BXB105_C | 1,000,000      | K, M                  | BX                         | 50            |

1/The complete PIN will include additional letters to indicate voltage-temperature limits and capacitance tolerance, as applicable.

**MARKING**



**MILITARY PART NUMBER CROSS REFERENCE MIL-PRF-123/**

| MIL-PRF-123 |         | MIL-PRF-39014 |           | MIL-PRF-20 |        | MIL-PRF-55681 |           | CATALOG |
|-------------|---------|---------------|-----------|------------|--------|---------------|-----------|---------|
| CKS #       | M123/ - | CKR #         | M39014/ - | CCR #      | M20/ - | CDR #         | M55681/ - |         |
| CKS05       | /1      | CKR05         | /01       | CCR05      | /35    | N/A           | N/A       | MR05    |
| CKS06       | /2      | CKR06         | /02       | CCR06      | /36    | N/A           | N/A       | MR06    |
| CKS11       | /4      | CKR11         | /05       | CCR75      | /27    | N/A           | N/A       | MA10    |
| CKS12       | /5      | CKR12         | /05       | CCR76      | /28    | N/A           | N/A       | MA20    |
| CKS14       | /6      | CKR14         | /05       | CCR77      | /29    | N/A           | N/A       | MA40    |
| CKS15       | /7      | CKR15         | /05       | CCR78      | /30    | N/A           | N/A       | MA50    |
| CKS16       | /8      | CKR16         | /05       | CCR79      | /31    | N/A           | N/A       | MA60    |
| CKS51       | /10     | N/A           | N/A       | N/A        | N/A    | CDR01         | /1        | 0805    |
| CKS52       | /11     | N/A           | N/A       | N/A        | N/A    | N/A           | N/A       | 1210    |
| CKS53       | /12     | N/A           | N/A       | N/A        | N/A    | CDR03         | /1        | 1808    |
| CKS54       | /13     | N/A           | N/A       | N/A        | N/A    | CDR06         | /3        | 2225    |
| CKS22       | /16     | CKR22         | /22       | N/A        | N/A    | N/A           | N/A       | MD01    |
| CKS23       | /17     | CKR23         | /22       | N/A        | N/A    | N/A           | N/A       | MD02    |
| CKS24       | /18     | CKR24         | /22       | N/A        | N/A    | N/A           | N/A       | MD03    |