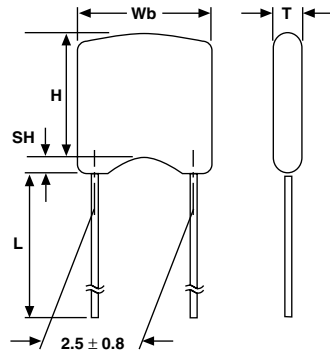


## Dipped Radial Multilayer Ceramic Capacitors for 50 - 100 Vdc

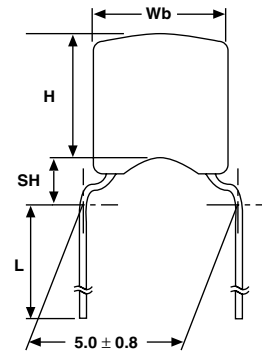


RoHS  
COMPLIANT

### DIMENSIONS

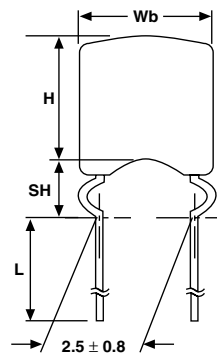


**L2**  
Component outline for  
Lead spacing  $2.5 \pm 0.8$  mm  
(straight leads)

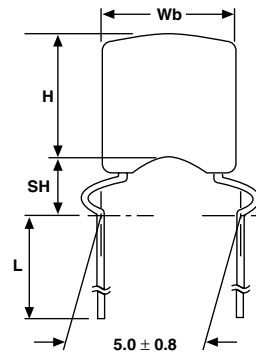


**H5**  
Component outline for  
Lead spacing  $5.0 \pm 0.8$  mm  
(flat bent leads)

L2 and H5 are preferred styles



**K2**  
Component outline for  
Lead spacing  $2.5 \pm 0.8$  mm  
(outside kink)



**K5**  
Component outline for  
Lead spacing  $5.0 \pm 0.8$  mm  
(outside kink)

| CAPACITOR DIMENSIONS AND WEIGHT |                   |                  |                  |                          |                 |                 |                 |            |
|---------------------------------|-------------------|------------------|------------------|--------------------------|-----------------|-----------------|-----------------|------------|
| SIZE                            | Wb <sub>MAX</sub> | H <sub>MAX</sub> | T <sub>MAX</sub> | MAX. SEATING HEIGHT (SH) |                 |                 |                 | WEIGHT (g) |
|                                 |                   |                  |                  | L2                       | H5              | K2              | K5              |            |
| 15                              | 4.0<br>(0.15)     | 4.0<br>(0.15)    | 2.5<br>(0.100)   | 1.58<br>(0.062)          | 2.54<br>(0.100) | 3.50<br>(0.140) | 3.50<br>(0.140) | ≈ 0.15     |
| 20                              | 5.0<br>(0.20)     | 5.0<br>(0.20)    | 3.2<br>(0.13)    | 1.58<br>(0.062)          | 2.54<br>(0.100) | 3.50<br>(0.140) | 3.50<br>(0.140) | ≈ 0.16     |

**Note**

1. Bulk packed types have a standard lead length L = 25.4 mm (1.0 inch) minimum
2. Dimensions between parentheses are in inches
3. Thickness is defined as T



| QUICK REFERENCE DATA     |                    |       |                       |       |                            |       |
|--------------------------|--------------------|-------|-----------------------|-------|----------------------------|-------|
| DESCRIPTION              | VALUE              |       |                       |       |                            |       |
| Capacitance range        | 10 pF to 6800 pF   |       | 100 pF to 1.0 $\mu$ F |       | 0.1 $\mu$ F to 1.0 $\mu$ F |       |
| Rated DC voltage         | 50 V               | 100 V | 50 V                  | 100 V | 50 V                       | 100 V |
| Tolerance on capacitance | $\pm 5\%/\pm 10\%$ |       | $\pm 10\%/\pm 20\%$   |       | + 80/- 20 %                |       |
| Dielectric Code          | C0G (NP0)          |       | X7R                   |       | Y5V                        |       |

| ORDERING INFORMATION |  |   |                       |                   |   |                     |  |   |                                      |
|----------------------|--|---|-----------------------|-------------------|---|---------------------|--|---|--------------------------------------|
| K                    | 103  | K   | 15                    | X7R               | F   | 5                   | 3  | H   | 5                                    |
| PRODUCT TYPE         | CAPACITANCE CODE   | CAPACITANCE TOLERANCE   | SIZE CODE             | TEMP. CHAR.       | RATED VOLTAGE                                     | LEAD DIAMETER       | LEAD LENGTH/PACKAGING  | LEAD STYLE                                | LEAD SPACING                         |
| K = Mono-Kap         | Two significant digits followed by the number of zeros. example: 103 = 10 000 pF | J = $\pm 5\%$<br>K = $\pm 10\%$<br>M = $\pm 20\%$<br>Z = + 80/- 20% | Ref. mechanical spec. | C0G<br>X7R<br>Y5V | F = 50 V <sub>DC</sub><br>H = 100 V <sub>DC</sub> | 5 = 0.5 mm (0.020") | 3 = bulk, with lead length of 30 $\pm$ 5.0 (1.25")<br>T = Tape and Reel<br>U = Ammo pack | L = Straight Lead<br>H = High Seated assy | 2 = 2.5 (0.100")<br>5 = 5.0 (0.200") |



## CAPACITANCE RANGE CHART COG (NP0) DIELECTRIC

| SIZE          |      | 15 |     | 20 |     |
|---------------|------|----|-----|----|-----|
| RATED VOLTAGE |      | 50 | 100 | 50 | 100 |
| VALUE         | CODE |    |     |    |     |
| 10 pF         | 100  | •  | •   |    |     |
| 12 pF         | 120  | •  | •   |    |     |
| 15 pF         | 150  | •  | •   |    |     |
| 18 pF         | 180  | •  | •   |    |     |
| 22 pF         | 220  | •  | •   |    |     |
| 27 pF         | 270  | •  | •   |    |     |
| 33 pF         | 330  | •  | •   |    |     |
| 39pF          | 390  | •  | •   |    |     |
| 47 pF         | 470  | •  | •   |    |     |
| 56 pF         | 560  | •  | •   |    |     |
| 68 pF         | 680  | •  | •   |    |     |
| 82 pF         | 820  | •  | •   |    |     |
| 100 pF        | 101  | •  | •   |    |     |
| 120 pF        | 121  | •  | •   |    |     |
| 150 pF        | 151  | •  | •   |    |     |
| 180 pF        | 181  | •  | •   |    |     |
| 220 pF        | 221  | •  | •   |    |     |
| 270 pF        | 271  | •  | •   |    |     |
| 330 pF        | 331  | •  | •   |    |     |
| 390 pF        | 391  | •  | •   |    |     |
| 470 pF        | 471  | •  | •   |    |     |
| 560 pF        | 561  | •  | •   |    |     |
| 680 pF        | 681  | •  | •   |    |     |
| 820 pF        | 821  | •  | •   |    |     |
| 1000 pF       | 102  | •  |     |    | •   |
| 1200 pF       | 122  | •  |     |    | •   |
| 1500 pF       | 152  | •  |     |    | •   |
| 1800 pF       | 182  | •  |     |    | •   |
| 2200 pF       | 222  | •  |     |    | •   |
| 2700 pF       | 272  |    |     | •  | •   |
| 3300 pF       | 332  |    |     | •  | •   |
| 3900 pF       | 392  |    |     | •  | •   |
| 4700 pF       | 472  |    |     | •  | •   |
| 5600 pF       | 562  |    |     | •  | •   |
| 6800 pF       | 682  |    |     | •  |     |
| 8200 pF       | 822  |    |     | •  |     |
| 0.01 μF       | 103  |    |     |    |     |

## Y5V DIELECTRIC

| SIZE          |      | 15 |     | 20 |     |
|---------------|------|----|-----|----|-----|
| RATED VOLTAGE |      | 50 | 100 | 50 | 100 |
| VALUE         | CODE |    |     |    |     |
| 0.01 μF       | 103  | •  | •   |    |     |
| 0.015 μF      | 153  | •  | •   |    |     |
| 0.022 μF      | 223  | •  | •   |    |     |
| 0.033 μF      | 333  | •  | •   |    |     |
| 0.047 μF      | 473  | •  | •   |    |     |
| 0.068 μF      | 683  | •  | •   |    |     |
| 0.10 μF       | 104  | •  | •   |    |     |
| 0.15 μF       | 154  | •  |     |    | •   |
| 0.22 μF       | 224  | •  |     |    | •   |
| 0.33 μF       | 334  | •  |     |    |     |
| 0.47 μF       | 474  |    |     | •  |     |
| 0.68 μF       | 684  |    |     | •  |     |
| 1.0 μF        | 105  |    |     | •  |     |

## X7R DIELECTRIC

| SIZE          |      | 15 |     | 20 |     |
|---------------|------|----|-----|----|-----|
| RATED VOLTAGE |      | 50 | 100 | 50 | 100 |
| VALUE         | CODE |    |     |    |     |
| 100 pF        | 101  | •  | •   |    |     |
| 120 pF        | 121  | •  | •   |    |     |
| 150 pF        | 151  | •  | •   |    |     |
| 180 pF        | 181  | •  | •   |    |     |
| 220 pF        | 221  | •  | •   |    |     |
| 270 pF        | 271  | •  | •   |    |     |
| 330 pF        | 331  | •  | •   |    |     |
| 390 pF        | 391  | •  | •   |    |     |
| 470 pF        | 471  | •  | •   |    |     |
| 560 pF        | 561  | •  | •   |    |     |
| 680 pF        | 681  | •  | •   |    |     |
| 820 pF        | 821  | •  | •   |    |     |
| 1000 pF       | 102  | •  | •   |    |     |
| 1200 pF       | 122  | •  | •   |    |     |
| 1500 pF       | 152  | •  | •   |    |     |
| 1800 pF       | 182  | •  | •   |    |     |
| 2200 pF       | 222  | •  | •   |    |     |
| 2700 pF       | 272  | •  | •   |    |     |
| 3300 pF       | 332  | •  | •   |    |     |
| 3900 pF       | 392  | •  | •   |    |     |
| 4700 pF       | 472  | •  | •   |    |     |
| 5600 pF       | 562  | •  | •   |    |     |
| 6800 pF       | 682  | •  | •   |    |     |
| 8200 pF       | 822  | •  | •   |    |     |
| 0.01 μF       | 103  | •  | •   |    |     |
| 0.012 μF      | 123  | •  | •   |    |     |
| 0.015 μF      | 153  | •  | •   |    |     |
| 0.018 μF      | 183  | •  | •   |    |     |
| 0.022 μF      | 223  | •  | •   |    |     |
| 0.027 μF      | 273  | •  |     |    | •   |
| 0.033 μF      | 333  | •  |     |    | •   |
| 0.039 μF      | 393  | •  |     |    | •   |
| 0.047 μF      | 473  | •  |     |    | •   |
| 0.056 μF      | 563  | •  |     |    | •   |
| 0.068 μF      | 683  | •  |     |    | •   |
| 0.082 μF      | 823  | •  |     |    | •   |
| 0.10 μF       | 104  | •  |     |    | •   |
| 0.15 μF       | 154  |    |     | •  | •   |
| 0.22 μF       | 224  |    |     | •  |     |
| 0.33 μF       | 334  |    |     | •  |     |
| 0.47 μF       | 474  |    |     | •  |     |
| 0.68 μF       | 684  |    |     | •  |     |
| 1.0 μF        | 105  |    |     | •  |     |



| <b>MONO-KAP Y5V - 50 VDC CLEAR TEXT CODE</b> |                     |                |  |
|--|---------------------|----------------|--|
| CAP (pF)                                     | RATED VOLTAGE (Vdc) | LEAD SPACING   | + 80/- 20 % TOLERANCE                      |
|  |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 10 000                                       | 50 Vdc              | 2.5 mm (0.10") | K103Z15Y5VF5.L2                            |
| 10 000                                       |                     | 5.0 mm (0.20") | K103Z15Y5VF5.H5                            |
| 15 000                                       |                     | 2.5 mm (0.10") | K153Z15Y5VF5.L2                            |
| 15 000                                       |                     | 5.0 mm (0.20") | K153Z15Y5VF5.H5                            |
| 22 000                                       |                     | 2.5 mm (0.10") | K223Z15Y5VF5.L2                            |
| 22 000                                       |                     | 5.0 mm (0.20") | K223Z15Y5VF5.H5                            |
| 33 000                                       |                     | 2.5 mm (0.10") | K333Z15Y5VF5.L2                            |
| 33 000                                       |                     | 5.0 mm (0.20") | K333Z15Y5VF5.H5                            |
| 47 000                                       |                     | 2.5 mm (0.10") | K473Z15Y5VF5.L2                            |
| 47 000                                       |                     | 5.0 mm (0.20") | K473Z15Y5VF5.H5                            |
| 68 000                                       |                     | 2.5 mm (0.10") | K683Z15Y5VF5.L2                            |
| 68 000                                       |                     | 5.0 mm (0.20") | K683Z15Y5VF5.H5                            |
| 100 000                                      |                     | 2.5 mm (0.10") | K104Z15Y5VF5.L2                            |
| 100 000                                      |                     | 5.0 mm (0.20") | K104Z15Y5VF5.H5                            |
| 150 000                                      |                     | 2.5 mm (0.10") | K154Z15Y5VF5.L2                            |
| 150 000                                      |                     | 5.0 mm (0.20") | K154Z15Y5VF5.H5                            |
| 220 000                                      |                     | 2.5 mm (0.10") | K224Z15Y5VF5.L2                            |
| 220 000                                      |                     | 5.0 mm (0.20") | K224Z15Y5VF5.H5                            |
| 330 000                                      |                     | 2.5 mm (0.10") | K334Z20Y5VF5.L2                            |
| 330 000                                      |                     | 5.0 mm (0.20") | K334Z20Y5VF5.H5                            |
| 470 000                                      |                     | 2.5 mm (0.10") | K474Z20Y5VF5.L2                            |
| 470 000                                      |                     | 5.0 mm (0.20") | K474Z20Y5VF5.H5                            |
| 680 000                                      |                     | 2.5 mm (0.10") | K684Z20Y5VF5.L2                            |
| 680 000                                      |                     | 5.0 mm (0.20") | K684Z20Y5VF5.H5                            |
| 1 000 000                                    |                     | 2.5 mm (0.10") | K105Z20Y5VF5.L2                            |
| 1 000 000                                    |                     | 5.0 mm (0.20") | K105Z20Y5VF5.H5                            |

| <b>MONO-KAP X7R - 50 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|--|---------------------|----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (Vdc) | LEAD SPACING   | 10 % TOLERANCE                             | 20 % TOLERANCE                             |
|  |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 100  | 50 Vdc              | 2.5 mm (0.10") | K101K15X7RF5.L2                            | K101M15X7RF5.L2                            |
| 100  |                     | 5.0 mm (0.20") | K101K15X7RF5.H5                            | K101M15X7RF5.H5                            |
| 120  |                     | 2.5 mm (0.10") | K121K15X7RF5.L2                            | K121M15X7RF5.L2                            |
| 120  |                     | 5.0 mm (0.20") | K121K15X7RF5.H5                            | K121M15X7RF5.H5                            |
| 150  |                     | 2.5 mm (0.10") | K151K15X7RF5.L2                            | K151M15X7RF5.L2                            |
| 150  |                     | 5.0 mm (0.20") | K151K15X7RF5.H5                            | K151M15X7RF5.H5                            |
| 180  |                     | 2.5 mm (0.10") | K181K15X7RF5.L2                            | K181M15X7RF5.L2                            |
| 180  |                     | 5.0 mm (0.20") | K181K15X7RF5.H5                            | K181M15X7RF5.H5                            |
| 220  |                     | 2.5 mm (0.10") | K221K15X7RF5.L2                            | K221M15X7RF5.L2                            |
| 220  |                     | 5.0 mm (0.20") | K221K15X7RF5.H5                            | K221M15X7RF5.H5                            |
| 270  |                     | 2.5 mm (0.10") | K271K15X7RF5.L2                            | K271M15X7RF5.L2                            |
| 270  |                     | 5.0 mm (0.20") | K271K15X7RF5.H5                            | K271M15X7RF5.H5                            |
| 330  |                     | 2.5 mm (0.10") | K331K15X7RF5.L2                            | K331M15X7RF5.L2                            |

| <b>MONO-KAP X7R - 50 VDC CLEAR TEXT CODE</b> |                     |                 |  |  |
|--|---------------------|-----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (Vdc) | LEAD SPACING    | 10 % TOLERANCE                             | 20 % TOLERANCE                             |
|  |                     | MM (INCH-REF)   | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 330  | 50 Vdc              | 5.0 mm (0.20")  | K331K15X7RF5.H5                            | K331M15X7RF5.H5                            |
| 390  |                     | 2.5 mm (0.10")  | K391K15X7RF5.L2                            | K391M15X7RF5.L2                            |
| 390  |                     | 5.0 mm (0.20")  | K391K15X7RF5.H5                            | K391M15X7RF5.H5                            |
| 470  |                     | 2.5 mm (0.10")  | K471K15X7RF5.L2                            | K471M15X7RF5.L2                            |
| 470  |                     | 5.0 mm (0.20")  | K471K15X7RF5.H5                            | K471M15X7RF5.H5                            |
| 560  |                     | 2.5 mm (0.10")  | K561K15X7RF5.L2                            | K561M15X7RF5.L2                            |
| 560  |                     | 5.0 mm (0.20")  | K561K15X7RF5.H5                            | K561M15X7RF5.H5                            |
| 680  |                     | 2.5 mm (0.10")  | K681K15X7RF5.L2                            | K681M15X7RF5.L2                            |
| 680  |                     | 5.0 mm (0.20")  | K681K15X7RF5.H5                            | K681M15X7RF5.H5                            |
| 820  |                     | 2.5 mm (0.10")  | K821K15X7RF5.L2                            | K821M15X7RF5.L2                            |
| 820  |                     | 5.0 mm (0.20")  | K821K15X7RF5.H5                            | K821M15X7RF5.H5                            |
| 1000   |                     | 2.5 mm (0.10")  | K102K15X7RF5.L2                            | K102M15X7RF5.L2                            |
| 1000   |                     | 5.0 mm (0.20")  | K102K15X7RF5.H5                            | K102M15X7RF5.H5                            |
| 1200   |                     | 2.5 mm (0.10")  | K122K15X7RF5.L2                            | K122M15X7RF5.L2                            |
| 1200   |                     | 5.0 mm (0.20")  | K122K15X7RF5.H5                            | K122M15X7RF5.H5                            |
| 1500   |                     | 2.5 mm (0.10")  | K152K15X7RF5.L2                            | K152M15X7RF5.L2                            |
| 1500   |                     | 5.0 mm (0.20")  | K152K15X7RF5.H5                            | K152M15X7RF5.H5                            |
| 1800   |                     | 2.5 mm (0.10")  | K182K15X7RF5.L2                            | K182M15X7RF5.L2                            |
| 1800   |                     | 5.0 mm (0.20")  | K182K15X7RF5.H5                            | K182M15X7RF5.H5                            |
| 2200   |                     | 2.5 mm (0.10")  | K222K15X7RF5.L2                            | K222M15X7RF5.L2                            |
| 2200   |                     | 5.0 mm (0.20")  | K222K15X7RF5.H5                            | K222M15X7RF5.H5                            |
| 2700   |                     | 2.5 mm (0.10")  | K272K15X7RF5.L2                            | K272M15X7RF5.L2                            |
| 2700   |                     | 5.0 mm (0.20")  | K272K15X7RF5.H5                            | K272M15X7RF5.H5                            |
| 3300   |                     | 2.5 mm (0.10")  | K332K15X7RF5.L2                            | K332M15X7RF5.L2                            |
| 3300   |                     | 5.0 mm (0.20")  | K332K15X7RF5.H5                            | K332M15X7RF5.H5                            |
| 3900   |                     | 2.5mm (0.10")   | K392K15X7RF5.L2                            | K392M15X7RF5.L2                            |
| 3900   |                     | 5.0 mm (0.20")  | K392K15X7RF5.H5                            | K392M15X7RF5.H5                            |
| 4700   |                     | 2.5 mm (0.10")  | K472K15X7RF5.L2                            | K472M15X7RF5.L2                            |
| 4700   |                     | 5.0 mm (0.20")  | K472K15X7RF5.H5                            | K472M15X7RF5.H5                            |
| 5600   |                     | 2.5 mm (0.10")  | K562K15X7RF5.L2                            | K562M15X7RF5.L2                            |
| 5600   |                     | 5.0 mm (0.20")  | K562K15X7RF5.H5                            | K562M15X7RF5.H5                            |
| 6800   |                     | 2.5 mm (0.10")  | K682K15X7RF5.L2                            | K682M15X7RF5.L2                            |
| 6800   |                     | 5.0 mm (0.20")  | K682K15X7RF5.H5                            | K682M15X7RF5.H5                            |
| 8200   |                     | 2.5 mm (0.10")  | K822K15X7RF5.L2                            | K822M15X7RF5.L2                            |
| 8200   |                     | 5.0 mm (0.20")  | K822K15X7RF5.H5                            | K822M15X7RF5.H5                            |
| 10 000                                       |                     | 2.5 mm (0.10")  | K103K15X7RF5.L2                            | K103M15X7RF5.L2                            |
| 10 000                                       |                     | 5.0 mm (0.20")  | K103K15X7RF5.H5                            | K103M15X7RF5.H5                            |
| 12 000                                       |                     | 2.5 mm (0.10")  | K123K15X7RF5.L2                            | K123M15X7RF5.L2                            |
| 12 000                                       |                     | 5.0 mm (0.20")  | K123K15X7RF5.H5                            | K123M15X7RF5.H5                            |
| 15 000                                       |                     | 2.5 mm (0.10")  | K153K15X7RF5.L2                            | K153M15X7RF5.L2                            |
| 15 000                                       | 5.0 mm (0.20")      | K153K15X7RF5.H5 | K153M15X7RF5.H5                            |  |
| 18 000                                       | 2.5 mm (0.10")      | K183K15X7RF5.L2 | K183M15X7RF5.L2                            |  |
| 18 000                                       | 5.0 mm (0.20")      | K183K15X7RF5.H5 | K183M15X7RF5.H5                            |  |
| 22 000                                       | 2.5 mm (0.10")      | K223K15X7RF5.L2 | K223M15X7RF5.L2                            |  |
| 22 000                                       | 5.0 mm (0.20")      | K223K15X7RF5.H5 | K223M15X7RF5.H5                            |  |
| 27 000                                       | 2.5 mm (0.10")      | K273K15X7RF5.L2 | K273M15X7RF5.L2                            |  |



**Dipped Radial Multilayer Ceramic Capacitors  
50 - 100 Vdc**

| <b>MONO-KAP X7R - 50 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|--|---------------------|----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (VDC) | LEAD SPACING   | 10 % TOLERANCE                             | 20 % TOLERANCE                             |
|  |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 27 000                                       | 50 Vdc              | 5.0 mm (0.20") | K273K15X7RF5.H5                            | K273M15X7RF5.H5                            |
| 33 000                                       |                     | 2.5 mm (0.10") | K333K15X7RF5.L2                            | K333M15X7RF5.L2                            |
| 33 000                                       |                     | 5.0 mm (0.20") | K333K15X7RF5.H5                            | K333M15X7RF5.H5                            |
| 39 000                                       |                     | 2.5 mm (0.10") | K393K15X7RF5.L2                            | K393M15X7RF5.L2                            |
| 39 000                                       |                     | 5.0 mm (0.20") | K393K15X7RF5.H5                            | K393M15X7RF5.H5                            |
| 47 000                                       |                     | 2.5 mm (0.10") | K473K15X7RF5.L2                            | K473M15X7RF5.L2                            |
| 47 000                                       |                     | 5.0 mm (0.20") | K473K15X7RF5.H5                            | K473M15X7RF5.H5                            |
| 56 000                                       |                     | 2.5 mm (0.10") | K563K15X7RF5.L2                            | K563M15X7RF5.L2                            |
| 56 000                                       |                     | 5.0 mm (0.20") | K563K15X7RF5.H5                            | K563M15X7RF5.H5                            |
| 68 000                                       |                     | 2.5 mm (0.10") | K683K15X7RF5.L2                            | K683M15X7RF5.L2                            |
| 68 000                                       |                     | 5.0 mm (0.20") | K683K15X7RF5.H5                            | K683M15X7RF5.H5                            |
| 82 000                                       |                     | 2.5 mm (0.10") | K823K15X7RF5.L2                            | K823M15X7RF5.L2                            |
| 82 000                                       |                     | 5.0 mm (0.20") | K823K15X7RF5.H5                            | K823M15X7RF5.H5                            |
| 100 000                                      |                     | 2.5 mm (0.10") | K104K15X7RF5.L2                            | K104M15X7RF5.L2                            |
| 100 000                                      |                     | 5.0 mm (0.20") | K104K15X7RF5.H5                            | K104M15X7RF5.H5                            |
| 150 000                                      |                     | 2.5 mm (0.10") | K154K20X7RF5.L2                            | K154M20X7RF5.L2                            |
| 150 000                                      |                     | 5.0 mm (0.20") | K154K20X7RF5.H5                            | K154M20X7RF5.H5                            |
| 220 000                                      |                     | 2.5 mm (0.10") | K224K20X7RF5.L2                            | K224M20X7RF5.L2                            |
| 220 000                                      |                     | 5.0 mm (0.20") | K224K20X7RF5.H5                            | K224M20X7RF5.H5                            |
| 330 000                                      |                     | 2.5 mm (0.10") | K334K20X7RF5.L2                            | K334M20X7RF5.L2                            |
| 330 000                                      |                     | 5.0 mm (0.20") | K334K20X7RF5.H5                            | K334M20X7RF5.H5                            |
| 470 000                                      |                     | 2.5 mm (0.10") | K474K20X7RF5.L2                            | K474M20X7RF5.L2                            |
| 470 000                                      |                     | 5.0 mm (0.20") | K474K20X7RF5.H5                            | K474M20X7RF5.H5                            |
| 680 000                                      |                     | 2.5 mm (0.10") | K684K20X7RF5.L2                            | K684M20X7RF5.L2                            |
| 680 000                                      |                     | 5.0 mm (0.20") | K684K20X7RF5.H5                            | K684M20X7RF5.H5                            |
| 1 000 000                                    |                     | 2.5 mm (0.10") | K105K20X7RF5.L2                            | K105M20X7RF5.L2                            |
| 1 000 000                                    |                     | 5.0 mm (0.20") | K105K20X7RF5.H5                            | K105M20X7RF5.H5                            |

| <b>MONO-KAP C0G - 50 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|--|---------------------|----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (VDC) | LEAD SPACING   | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|  |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 10   | 50 Vdc              | 2.5 mm (0.10") | K100J15C0GF5.L2                            | K100K15C0GF5.L2                            |
| 10   |                     | 5.0 mm (0.20") | K100J15C0GF5.H5                            | K100K15C0GF5.H5                            |
| 12   |                     | 2.5 mm (0.10") | K120J15C0GF5.L2                            | K120K15C0GF5.L2                            |
| 12   |                     | 5.0 mm (0.20") | K120J15C0GF5.H5                            | K120K15C0GF5.H5                            |
| 15   |                     | 2.5 mm (0.10") | K150J15C0GF5.L2                            | K150K15C0GF5.L2                            |
| 15   |                     | 5.0 mm (0.20") | K150J15C0GF5.H5                            | K150K15C0GF5.H5                            |
| 18   |                     | 2.5 mm (0.10") | K180J15C0GF5.L2                            | K180K15C0GF5.L2                            |
| 18   |                     | 5.0 mm (0.20") | K180J15C0GF5.H5                            | K180K15C0GF5.H5                            |
| 22   |                     | 2.5 mm (0.10") | K220J15C0GF5.L2                            | K220K15C0GF5.L2                            |
| 22   |                     | 5.0 mm (0.20") | K220J15C0GF5.H5                            | K220K15C0GF5.H5                            |
| 27   |                     | 2.5 mm (0.10") | K270J15C0GF5.L2                            | K270K15C0GF5.L2                            |
| 27   |                     | 5.0 mm (0.20") | K270J15C0GF5.H5                            | K270K15C0GF5.H5                            |
| 33   |                     | 2.5 mm (0.10") | K330J15C0GF5.L2                            | K330K15C0GF5.L2                            |
| 33   |                     | 5.0 mm (0.20") | K330J15C0GF5.H5                            | K330K15C0GF5.H5                            |

| <b>MONO-KAP COG - 50 VDC CLEAR TEXT CODE</b> |                     |                 |  |  |
|--|---------------------|-----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (VDC) | LEAD SPACING    | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|  |                     | MM (INCH-REF)   | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 39   | 50 Vdc              | 2.5 mm (0.10")  | K390J15C0GF5.L2                            | K390K15C0GF5.L2                            |
| 39   |                     | 5.0 mm (0.20")  | K390J15C0GF5.H5                            | K390K15C0GF5.H5                            |
| 47   |                     | 2.5 mm (0.10")  | K470J15C0GF5.L2                            | K470K15C0GF5.L2                            |
| 47   |                     | 5.0 mm (0.20")  | K470J15C0GF5.H5                            | K470K15C0GF5.H5                            |
| 56   |                     | 2.5 mm (0.10")  | K560J15C0GF5.L2                            | K560K15C0GF5.L2                            |
| 56   |                     | 5.0 mm (0.20")  | K560J15C0GF5.H5                            | K560K15C0GF5.H5                            |
| 68   |                     | 2.5 mm (0.10")  | K680J15C0GF5.L2                            | K680K15C0GF5.L2                            |
| 68   |                     | 5.0 mm (0.20")  | K680J15C0GF5.H5                            | K680K15C0GF5.H5                            |
| 82   |                     | 2.5 mm (0.10")  | K820J15C0GF5.L2                            | K820K15C0GF5.L2                            |
| 82   |                     | 5.0 mm (0.20")  | K820J15C0GF5.H5                            | K820K15C0GF5.H5                            |
| 100  |                     | 2.5 mm (0.10")  | K101J15C0GF5.L2                            | K101K15C0GF5.L2                            |
| 100  |                     | 5.0 mm (0.20")  | K101J15C0GF5.H5                            | K101K15C0GF5.H5                            |
| 120  |                     | 2.5 mm (0.10")  | K121J15C0GF5.L2                            | K121K15C0GF5.L2                            |
| 120  |                     | 5.0 mm (0.20")  | K121J15C0GF5.H5                            | K121K15C0GF5.H5                            |
| 150  |                     | 2.5 mm (0.10")  | K151J15C0GF5.L2                            | K151K15C0GF5.L2                            |
| 150  |                     | 5.0 mm (0.20")  | K151J15C0GF5.H5                            | K151K15C0GF5.H5                            |
| 180  |                     | 2.5 mm (0.10")  | K181J15C0GF5.L2                            | K181K15C0GF5.L2                            |
| 180  |                     | 5.0 mm (0.20")  | K181J15C0GF5.H5                            | K181K15C0GF5.H5                            |
| 220  |                     | 2.5 mm (0.10")  | K221J15C0GF5.L2                            | K221K15C0GF5.L2                            |
| 220  |                     | 5.0 mm (0.20")  | K221J15C0GF5.H5                            | K221K15C0GF5.H5                            |
| 270  |                     | 2.5 mm (0.10")  | K271J15C0GF5.L2                            | K271K15C0GF5.L2                            |
| 270  |                     | 5.0 mm (0.20")  | K271J15C0GF5.H5                            | K271K15C0GF5.H5                            |
| 330  |                     | 2.5 mm (0.10")  | K331J15C0GF5.L2                            | K331K15C0GF5.L2                            |
| 330  |                     | 5.0 mm (0.20")  | K331J15C0GF5.H5                            | K331K15C0GF5.H5                            |
| 390  |                     | 2.5 mm (0.10")  | K391J15C0GF5.L2                            | K391K15C0GF5.L2                            |
| 390  |                     | 5.0 mm (0.20")  | K391J15C0GF5.H5                            | K391K15C0GF5.H5                            |
| 470  |                     | 2.5 mm (0.10")  | K471J15C0GF5.L2                            | K471K15C0GF5.L2                            |
| 470  |                     | 5.0 mm (0.20")  | K471J15C0GF5.H5                            | K471K15C0GF5.H5                            |
| 560  |                     | 2.5 mm (0.10")  | K561J15C0GF5.L2                            | K561K15C0GF5.L2                            |
| 560  |                     | 5.0 mm (0.20")  | K561J15C0GF5.H5                            | K561K15C0GF5.H5                            |
| 680  |                     | 2.5 mm (0.10")  | K681J15C0GF5.L2                            | K681K15C0GF5.L2                            |
| 680  |                     | 5.0 mm (0.20")  | K681J15C0GF5.H5                            | K681K15C0GF5.H5                            |
| 820  |                     | 2.5 mm (0.10")  | K821J15C0GF5.L2                            | K821K15C0GF5.L2                            |
| 820  |                     | 5.0 mm (0.20")  | K821J15C0GF5.H5                            | K821K15C0GF5.H5                            |
| 1000   |                     | 2.5 mm (0.10")  | K102J15C0GF5.L2                            | K102K15C0GF5.L2                            |
| 1000   |                     | 5.0 mm (0.20")  | K102J15C0GF5.H5                            | K102K15C0GF5.H5                            |
| 1200   |                     | 2.5 mm (0.10")  | K122J15C0GF5.L2                            | K122K15C0GF5.L2                            |
| 1200   |                     | 5.0 mm (0.20")  | K122J15C0GF5.H5                            | K122K15C0GF5.H5                            |
| 1500   |                     | 2.5 mm (0.10")  | K152J15C0GF5.L2                            | K152K15C0GF5.L2                            |
| 1500   |                     | 5.0 mm (0.20")  | K152J15C0GF5.H5                            | K152K15C0GF5.H5                            |
| 1800   |                     | 2.5 mm (0.10")  | K182J15C0GF5.L2                            | K182K15C0GF5.L2                            |
| 1800   |                     | 5.0 mm (0.20")  | K182J15C0GF5.H5                            | K182K15C0GF5.H5                            |
| 2200   | 2.5 mm (0.10")      | K222J15C0GF5.L2 | K222K15C0GF5.L2                            |  |
| 2200   | 5.0 mm (0.20")      | K222J15C0GF5.H5 | K222K15C0GF5.H5                            |  |
| 2700   | 2.5 mm (0.10")      | K272J20C0GF5.L2 | K272K20C0GF5.L2                            |  |
| 2700   | 5.0 mm (0.20")      | K272J20C0GF5.H5 | K272K20C0GF5.H5                            |  |



| <b>MONO-KAP C0G - 50 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|--|---------------------|----------------|--|--|
| CAP (PF)                                     | RATED VOLTAGE (VDC) | LEAD SPACING   | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|  |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 3300   | 50 Vdc              | 2.5 mm (0.10") | K332J20C0GF5.L2                            | K332K20C0GF5.L2                            |
| 3300   |                     | 5.0 mm (0.20") | K332J20C0GF5.H5                            | K332K20C0GF5.H5                            |
| 3900   |                     | 2.5 mm (0.10") | K392J20C0GF5.L2                            | K392K20C0GF5.L2                            |
| 3900   |                     | 5.0 mm (0.20") | K392J20C0GF5.H5                            | K392K20C0GF5.H5                            |
| 4700   |                     | 2.5 mm (0.10") | K472J20C0GF5.L2                            | K472K20C0GF5.L2                            |
| 4700   |                     | 5.0 mm (0.20") | K472J20C0GF5.H5                            | K472K20C0GF5.H5                            |
| 5600   |                     | 2.5 mm (0.10") | K562J20C0GF5.L2                            | K562K20C0GF5.L2                            |
| 5600   |                     | 5.0 mm (0.20") | K562J20C0GF5.H5                            | K562K20C0GF5.H5                            |
| 6800   |                     | 2.5 mm (0.10") | K682J20C0GF5.L2                            | K682K20C0GF5.L2                            |
| 6800   |                     | 5.0 mm (0.20") | K682J20C0GF5.H5                            | K682K20C0GF5.H5                            |
| 8200   |                     | 2.5 mm (0.10") | K822J20C0GF5.L2                            | K822K20C0GF5.L2                            |
| 8200   |                     | 5.0 mm (0.20") | K822J20C0GF5.H5                            | K822K20C0GF5.H5                            |
| 10 000                                       |                     | 2.5 mm (0.10") | K103J20C0GF5.L2                            | K103K20C0GF5.L2                            |
| 10 000                                       |                     | 5.0 mm (0.20") | K103J20C0GF5.H5                            | K103K20C0GF5.H5                            |

| <b>MONO-KAP Y5V - 100 VDC CLEAR TEXT CODE</b> |                     |                |  |
|---|---------------------|----------------|--|
| CAP (pF)                                      | RATED VOLTAGE (Vdc) | LEAD SPACING   | + 80/- 20 % TOLERANCE                      |
|   |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 10 000  | 100 Vdc             | 2.5 mm (0.10") | K103Z15Y5VH53L2                            |
| 10 000  |                     | 5.0 mm (0.20") | K103Z15Y5VH53H5                            |
| 15 000  |                     | 2.5 mm (0.10") | K153Z15Y5VH53L2                            |
| 15 000  |                     | 5.0 mm (0.20") | K153Z15Y5VH53H5                            |
| 22 000  |                     | 2.5 mm (0.10") | K223Z15Y5VH53L2                            |
| 22 000  |                     | 5.0 mm (0.20") | K223Z15Y5VH53H5                            |
| 33 000  |                     | 2.5 mm (0.10") | K333Z15Y5VH53L2                            |
| 33 000  |                     | 5.0 mm (0.20") | K333Z15Y5VH53H5                            |
| 47 000  |                     | 2.5 mm (0.10") | K473Z15Y5VH53L2                            |
| 47 000  |                     | 5.0 mm (0.20") | K473Z15Y5VH53H5                            |
| 68 000  |                     | 2.5 mm (0.10") | K683Z15Y5VH53L2                            |
| 68 000  |                     | 5.0 mm (0.20") | K683Z15Y5VH53H5                            |
| 100 000                                       |                     | 2.5 mm (0.10") | K104Z15Y5VH53L2                            |
| 100 000                                       |                     | 5.0 mm (0.20") | K104Z15Y5VH53H5                            |
| 150 000                                       |                     | 2.5 mm (0.10") | K154Z20Y5VH53L2                            |
| 150 000                                       |                     | 5.0 mm (0.20") | K154Z20Y5VH53H5                            |
| 220 000                                       |                     | 2.5 mm (0.10") | K224Z20Y5VH53L2                            |
| 220 000                                       |                     | 5.0 mm (0.20") | K224Z20Y5VH53H5                            |





### MONO-KAP X7R - 100 VDC CLEAR TEXT CODE

| CAP (pF) | RATED VOLTAGE (Vdc) | LEAD SPACING    | 10 % TOLERANCE                             | 20 % TOLERANCE                             |
|----------|---------------------|-----------------|--|--|
|          |                     | MM (INCH-REF)   | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 100      | 100 Vdc             | 2.5 mm (0.10")  | K101K15X7RH5.L2                            | K101M15X7RH5.L2                            |
| 100      |                     | 5.0 mm (0.20")  | K101K15X7RH5.H5                            | K101M15X7RH5.H5                            |
| 120      |                     | 2.5 mm (0.10")  | K121K15X7RH5.L2                            | K121M15X7RH5.L2                            |
| 120      |                     | 5.0 mm (0.20")  | K121K15X7RH5.H5                            | K121M15X7RH5.H5                            |
| 150      |                     | 2.5 mm (0.10")  | K151K15X7RH5.L2                            | K151M15X7RH5.L2                            |
| 150      |                     | 5.0 mm (0.20")  | K151K15X7RH5.H5                            | K151M15X7RH5.H5                            |
| 180      |                     | 2.5 mm (0.10")  | K181K15X7RH5.L2                            | K181M15X7RH5.L2                            |
| 180      |                     | 5.0 mm (0.20")  | K181K15X7RH5.H5                            | K181M15X7RH5.H5                            |
| 220      |                     | 2.5 mm (0.10")  | K221K15X7RH5.L2                            | K221M15X7RH5.L2                            |
| 220      |                     | 5.0 mm (0.20")  | K221K15X7RH5.H5                            | K221M15X7RH5.H5                            |
| 270      |                     | 2.5 mm (0.10")  | K271K15X7RH5.L2                            | K271M15X7RH5.L2                            |
| 270      |                     | 5.0 mm (0.20")  | K271K15X7RH5.H5                            | K271M15X7RH5.H5                            |
| 330      |                     | 2.5 mm (0.10")  | K331K15X7RH5.L2                            | K331M15X7RH5.L2                            |
| 330      |                     | 5.0 mm (0.20")  | K331K15X7RH5.H5                            | K331M15X7RH5.H5                            |
| 390      |                     | 2.5 mm (0.10")  | K391K15X7RH5.L2                            | K391M15X7RH5.L2                            |
| 390      |                     | 5.0 mm (0.20")  | K391K15X7RH5.H5                            | K391M15X7RH5.H5                            |
| 470      |                     | 2.5 mm (0.10")  | K471K15X7RH5.L2                            | K471M15X7RH5.L2                            |
| 470      |                     | 5.0 mm (0.20")  | K471K15X7RH5.H5                            | K471M15X7RH5.H5                            |
| 560      |                     | 2.5 mm (0.10")  | K561K15X7RH5.L2                            | K561M15X7RH5.L2                            |
| 560      |                     | 5.0 mm (0.20")  | K561K15X7RH5.H5                            | K561M15X7RH5.H5                            |
| 680      |                     | 2.5 mm (0.10")  | K681K15X7RH5.L2                            | K681M15X7RH5.L2                            |
| 680      |                     | 5.0 mm (0.20")  | K681K15X7RH5.H5                            | K681M15X7RH5.H5                            |
| 820      |                     | 2.5 mm (0.10")  | K821K15X7RH5.L2                            | K821M15X7RH5.L2                            |
| 820      |                     | 5.0 mm (0.20")  | K821K15X7RH5.H5                            | K821M15X7RH5.H5                            |
| 1000     |                     | 2.5 mm (0.10")  | K102K15X7RH5.L2                            | K102M15X7RH5.L2                            |
| 1000     |                     | 5.0 mm (0.20")  | K102K15X7RH5.H5                            | K102M15X7RH5.H5                            |
| 1200     |                     | 2.5 mm (0.10")  | K122K15X7RH5.L2                            | K122M15X7RH5.L2                            |
| 1200     |                     | 5.0 mm (0.20")  | K122K15X7RH5.H5                            | K122M15X7RH5.H5                            |
| 1500     |                     | 2.5 mm (0.10")  | K152K15X7RH5.L2                            | K152M15X7RH5.L2                            |
| 1500     |                     | 5.0 mm (0.20")  | K152K15X7RH5.H5                            | K152M15X7RH5.H5                            |
| 1800     |                     | 2.5 mm (0.10")  | K182K15X7RH5.L2                            | K182M15X7RH5.L2                            |
| 1800     |                     | 5.0 mm (0.20")  | K182K15X7RH5.H5                            | K182M15X7RH5.H5                            |
| 2200     |                     | 2.5 mm (0.10")  | K222K15X7RH5.L2                            | K222M15X7RH5.L2                            |
| 2200     |                     | 5.0 mm (0.20")  | K222K15X7RH5.H5                            | K222M15X7RH5.H5                            |
| 2700     |                     | 2.5 mm (0.10")  | K272K15X7RH5.L2                            | K272M15X7RH5.L2                            |
| 2700     |                     | 5.0 mm (0.20")  | K272K15X7RH5.H5                            | K272M15X7RH5.H5                            |
| 3300     |                     | 2.5 mm (0.10")  | K332K15X7RH5.L2                            | K332M15X7RH5.L2                            |
| 3300     |                     | 5.0 mm (0.20")  | K332K15X7RH5.H5                            | K332M15X7RH5.H5                            |
| 3900     |                     | 2.5 mm (0.10")  | K392K15X7RH5.L2                            | K392M15X7RH5.L2                            |
| 3900     |                     | 5.0 mm (0.20")  | K392K15X7RH5.H5                            | K392M15X7RH5.H5                            |
| 4700     | 2.5 mm (0.10")      | K472K15X7RH5.L2 | K472M15X7RH5.L2                            |  |
| 4700     | 5.0 mm (0.20")      | K472K15X7RH5.H5 | K472M15X7RH5.H5                            |  |
| 5600     | 2.5 mm (0.10")      | K562K15X7RH5.L2 | K562M15X7RH5.L2                            |  |
| 5600     | 5.0 mm (0.20")      | K562K15X7RH5.H5 | K562M15X7RH5.H5                            |  |



| <b>MONO-KAP X7R - 100 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|---|---------------------|----------------|--|--|
| CAP (PF)                                      | RATED VOLTAGE (Vdc) | LEAD SPACING   | 10 % TOLERANCE                             | 20 % TOLERANCE                             |
|   |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 6800  | 100 Vdc             | 2.5 mm (0.10") | K682K15X7RH5.L2                            | K682M15X7RH5.L2                            |
| 6800  |                     | 5.0 mm (0.20") | K682K15X7RH5.H5                            | K682M15X7RH5.H5                            |
| 8200  |                     | 2.5 mm (0.10") | K822K15X7RH5.L2                            | K822M15X7RH5.L2                            |
| 8200  |                     | 5.0 mm (0.20") | K822K15X7RH5.H5                            | K822M15X7RH5.H5                            |
| 10 000  |                     | 2.5 mm (0.10") | K103K15X7RH5.L2                            | K103M15X7RH5.L2                            |
| 10 000  |                     | 5.0 mm (0.20") | K103K15X7RH5.H5                            | K103M15X7RH5.H5                            |
| 12 000  |                     | 2.5 mm (0.10") | K123K15X7RH5.L2                            | K123M15X7RH5.L2                            |
| 12 000  |                     | 5.0 mm (0.20") | K123K15X7RH5.H5                            | K123M15X7RH5.H5                            |
| 15 000  |                     | 2.5 mm (0.10") | K153K15X7RH5.L2                            | K153M15X7RH5.L2                            |
| 15 000  |                     | 5.0 mm (0.20") | K153K15X7RH5.H5                            | K153M15X7RH5.H5                            |
| 18 000  |                     | 2.5 mm (0.10") | K183K15X7RH5.L2                            | K183M15X7RH5.L2                            |
| 18 000  |                     | 5.0 mm (0.20") | K183K15X7RH5.H5                            | K183M15X7RH5.H5                            |
| 22 000  |                     | 2.5 mm (0.10") | K223K15X7RH5.L2                            | K223M15X7RH5.L2                            |
| 22 000  |                     | 5.0 mm (0.20") | K223K15X7RH5.H5                            | K223M15X7RH5.H5                            |
| 27 000  |                     | 2.5 mm (0.10") | K273K20X7RH5.L2                            | K273M20X7RH5.L2                            |
| 27 000  |                     | 5.0 mm (0.20") | K273K20X7RH5.H5                            | K273M20X7RH5.H5                            |
| 33 000  |                     | 2.5 mm (0.10") | K333K20X7RH5.L2                            | K333M20X7RH5.L2                            |
| 33 000  |                     | 5.0 mm (0.20") | K333K20X7RH5.H5                            | K333M20X7RH5.H5                            |
| 39 000  |                     | 2.5 mm (0.10") | K393K20X7RH5.L2                            | K393M20X7RH5.L2                            |
| 39 000  |                     | 5.0 mm (0.20") | K393K20X7RH5.H5                            | K393M20X7RH5.H5                            |
| 47 000  |                     | 2.5 mm (0.10") | K473K20X7RH5.L2                            | K473M20X7RH5.L2                            |
| 47 000  |                     | 5.0 mm (0.20") | K473K20X7RH5.H5                            | K473M20X7RH5.H5                            |
| 56 000  |                     | 2.5 mm (0.10") | K563K20X7RH5.L2                            | K563M20X7RH5.L2                            |
| 56 000  |                     | 5.0 mm (0.20") | K563K20X7RH5.H5                            | K563M20X7RH5.H5                            |
| 68 000  |                     | 2.5 mm (0.10") | K683K20X7RH5.L2                            | K683M20X7RH5.L2                            |
| 68 000  |                     | 5.0 mm (0.20") | K683K20X7RH5.H5                            | K683M20X7RH5.H5                            |
| 82 000  |                     | 2.5 mm (0.10") | K823K20X7RH5.L2                            | K823M20X7RH5.L2                            |
| 82 000  |                     | 5.0 mm (0.20") | K823K20X7RH5.H5                            | K823M20X7RH5.H5                            |
| 100 000                                       |                     | 2.5 mm (0.10") | K104K20X7RH5.L2                            | K104M20X7RH5.L2                            |
| 100 000                                       |                     | 5.0 mm (0.20") | K104K20X7RH5.H5                            | K104M20X7RH5.H5                            |

| <b>MONO-KAP C0G - 100 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|---|---------------------|----------------|--|--|
| CAP (pF)                                      | RATED VOLTAGE (Vdc) | LEAD SPACING   | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|   |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 10  | 100 Vdc             | 2.5 mm (0.10") | K100J15C0GH5.L2                            | K100K15C0GH5.L2                            |
| 10  |                     | 5.0 mm (0.20") | K100J15C0GH5.H5                            | K100K15C0GH5.H5                            |
| 12  |                     | 2.5 mm (0.10") | K120J15C0GH5.L2                            | K120K15C0GH5.L2                            |
| 12  |                     | 5.0 mm (0.20") | K120J15C0GH5.H5                            | K120K15C0GH5.H5                            |
| 15  |                     | 2.5 mm (0.10") | K150J15C0GH5.L2                            | K150K15C0GH5.L2                            |
| 15  |                     | 5.0 mm (0.20") | K150J15C0GH5.H5                            | K150K15C0GH5.H5                            |
| 18  |                     | 2.5 mm (0.10") | K180J15C0GH5.L2                            | K180K15C0GH5.L2                            |
| 18  |                     | 5.0 mm (0.20") | K180J15C0GH5.H5                            | K180K15C0GH5.H5                            |



| <b>MONO-KAP C0G - 100 VDC CLEAR TEXT CODE</b> |                     |                 |  |  |
|---|---------------------|-----------------|--|--|
| CAP (PF)                                      | RATED VOLTAGE (VDC) | LEAD SPACING    | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|   |                     | MM (INCH-REF)   | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 22  | 100 Vdc             | 2.5 mm (0.10")  | K220J15C0GH5.L2                            | K220K15C0GH5.L2                            |
| 22  |                     | 5.0 mm (0.20")  | K220J15C0GH5.H5                            | K220K15C0GH5.H5                            |
| 27  |                     | 2.5 mm (0.10")  | K270J15C0GH5.L2                            | K270K15C0GH5.L2                            |
| 27  |                     | 5.0 mm (0.20")  | K270J15C0GH5.H5                            | K270K15C0GH5.H5                            |
| 33  |                     | 2.5 mm (0.10")  | K330J15C0GH5.L2                            | K330K15C0GH5.L2                            |
| 33  |                     | 5.0 mm (0.20")  | K330J15C0GH5.H5                            | K330K15C0GH5.H5                            |
| 39  |                     | 2.5 mm (0.10")  | K390J15C0GH5.L2                            | K390K15C0GH5.L2                            |
| 39  |                     | 5.0 mm (0.20")  | K390J15C0GH5.H5                            | K390K15C0GH5.H5                            |
| 47  |                     | 2.5 mm (0.10")  | K470J15C0GH5.L2                            | K470K15C0GH5.L2                            |
| 47  |                     | 5.0 mm (0.20")  | K470J15C0GH5.H5                            | K470K15C0GH5.H5                            |
| 56  |                     | 2.5 mm (0.10")  | K560J15C0GH5.L2                            | K560K15C0GH5.L2                            |
| 56  |                     | 5.0 mm (0.20")  | K560J15C0GH5.H5                            | K560K15C0GH5.H5                            |
| 68  |                     | 2.5 mm (0.10")  | K680J15C0GH5.L2                            | K680K15C0GH5.L2                            |
| 68  |                     | 5.0 mm (0.20")  | K680J15C0GH5.H5                            | K680K15C0GH5.H5                            |
| 82  |                     | 2.5 mm (0.10")  | K820J15C0GH5.L2                            | K820K15C0GH5.L2                            |
| 82  |                     | 5.0 mm (0.20")  | K820J15C0GH5.H5                            | K820K15C0GH5.H5                            |
| 100   |                     | 2.5 mm (0.10")  | K101J15C0GH5.L2                            | K101K15C0GH5.L2                            |
| 100   |                     | 5.0 mm (0.20")  | K101J15C0GH5.H5                            | K101K15C0GH5.H5                            |
| 120   |                     | 2.5 mm (0.10")  | K121J15C0GH5.L2                            | K121K15C0GH5.L2                            |
| 120   |                     | 5.0 mm (0.20")  | K121J15C0GH5.H5                            | K121K15C0GH5.H5                            |
| 150   |                     | 2.5 mm (0.10")  | K151J15C0GH5.L2                            | K151K15C0GH5.L2                            |
| 150   |                     | 5.0 mm (0.20")  | K151J15C0GH5.H5                            | K151K15C0GH5.H5                            |
| 180   |                     | 2.5 mm (0.10")  | K181J15C0GH5.L2                            | K181K15C0GH5.L2                            |
| 180   |                     | 5.0 mm (0.20")  | K181J15C0GH5.H5                            | K181K15C0GH5.H5                            |
| 220   |                     | 2.5 mm (0.10")  | K221J15C0GH5.L2                            | K221K15C0GH5.L2                            |
| 220   |                     | 5.0 mm (0.20")  | K221J15C0GH5.H5                            | K221K15C0GH5.H5                            |
| 270   |                     | 2.5 mm (0.10")  | K271J15C0GH5.L2                            | K271K15C0GH5.L2                            |
| 270   |                     | 5.0 mm (0.20")  | K271J15C0GH5.H5                            | K271K15C0GH5.H5                            |
| 330   |                     | 2.5 mm (0.10")  | K331J15C0GH5.L2                            | K331K15C0GH5.L2                            |
| 330   |                     | 5.0 mm (0.20")  | K331J15C0GH5.H5                            | K331K15C0GH5.H5                            |
| 390   |                     | 2.5 mm (0.10")  | K391J15C0GH5.L2                            | K391K15C0GH5.L2                            |
| 390   |                     | 5.0 mm (0.20")  | K391J15C0GH5.H5                            | K391K15C0GH5.H5                            |
| 470   |                     | 2.5 mm (0.10")  | K471J15C0GH5.L2                            | K471K15C0GH5.L2                            |
| 470   |                     | 5.0 mm (0.20")  | K471J15C0GH5.H5                            | K471K15C0GH5.H5                            |
| 560   |                     | 2.5 mm (0.10")  | K561J15C0GH5.L2                            | K561K15C0GH5.L2                            |
| 560   |                     | 5.0 mm (0.20")  | K561J15C0GH5.H5                            | K561K15C0GH5.H5                            |
| 680   |                     | 2.5 mm (0.10")  | K681J15C0GH5.L2                            | K681K15C0GH5.L2                            |
| 680   |                     | 5.0 mm (0.20")  | K681J15C0GH5.H5                            | K681K15C0GH5.H5                            |
| 820   |                     | 2.5 mm (0.10")  | K821J15C0GH5.L2                            | K821K15C0GH5.L2                            |
| 820   |                     | 5.0 mm (0.20")  | K821J15C0GH5.H5                            | K821K15C0GH5.H5                            |
| 1000  | 2.5 mm (0.10")      | K102J20C0GH5.L2 | K102K20C0GH5.L2                            |  |
| 1000  | 5.0 mm (0.20")      | K102J20C0GH5.H5 | K102K20C0GH5.H5                            |  |
| 1200  | 2.5 mm (0.10")      | K122J20C0GH5.L2 | K122K20C0GH5.L2                            |  |
| 1200  | 5.0 mm (0.20")      | K122J20C0GH5.H5 | K122K20C0GH5.H5                            |  |



| <b>MONO-KAP C0G - 100 VDC CLEAR TEXT CODE</b> |                     |                |  |  |
|---|---------------------|----------------|--|--|
| CAP (pF)                                      | RATED VOLTAGE (Vdc) | LEAD SPACING   | 5 % TOLERANCE                              | 10 % TOLERANCE                             |
|   |                     | MM (INCH-REF)  | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK | 13TH DIGIT<br>T = REEL; U = AMMO; 3 = BULK |
| 1500  | 100 Vdc             | 2.5 mm (0.10") | K152J20C0GH5.L2                            | K152K20C0GH5.L2                            |
| 1500  |                     | 5.0 mm (0.20") | K152J20C0GH5.H5                            | K152K20C0GH5.H5                            |
| 1800  |                     | 2.5 mm (0.10") | K182J20C0GH5.L2                            | K182K20C0GH5.L2                            |
| 1800  |                     | 5.0 mm (0.20") | K182J20C0GH5.H5                            | K182K20C0GH5.H5                            |
| 2200  |                     | 2.5 mm (0.10") | K222J20C0GH5.L2                            | K222K20C0GH5.L2                            |
| 2200  |                     | 5.0 mm (0.20") | K222J20C0GH5.H5                            | K222K20C0GH5.H5                            |
| 2700  |                     | 2.5 mm (0.10") | K272J20C0GH5.L2                            | K272K20C0GH5.L2                            |
| 2700  |                     | 5.0 mm (0.20") | K272J20C0GH5.H5                            | K272K20C0GH5.H5                            |
| 3300  |                     | 2.5 mm (0.10") | K332J20C0GH5.L2                            | K332K20C0GH5.L2                            |
| 3300  |                     | 5.0 mm (0.20") | K332J20C0GH5.H5                            | K332K20C0GH5.H5                            |
| 3900  |                     | 2.5 mm (0.10") | K392J20C0GH5.L2                            | K392K20C0GH5.L2                            |
| 3900  |                     | 5.0 mm (0.20") | K392J20C0GH5.H5                            | K392K20C0GH5.H5                            |
| 4700  |                     | 2.5 mm (0.10") | K472J20C0GH5.L2                            | K472K20C0GH5.L2                            |
| 4700  |                     | 5.0 mm (0.20") | K472J20C0GH5.H5                            | K472K20C0GH5.H5                            |
| 5600  |                     | 2.5 mm (0.10") | K562J20C0GH5.L2                            | K562K20C0GH5.L2                            |
| 5600  |                     | 5.0 mm (0.20") | K562J20C0GH5.H5                            | K562K20C0GH5.H5                            |



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