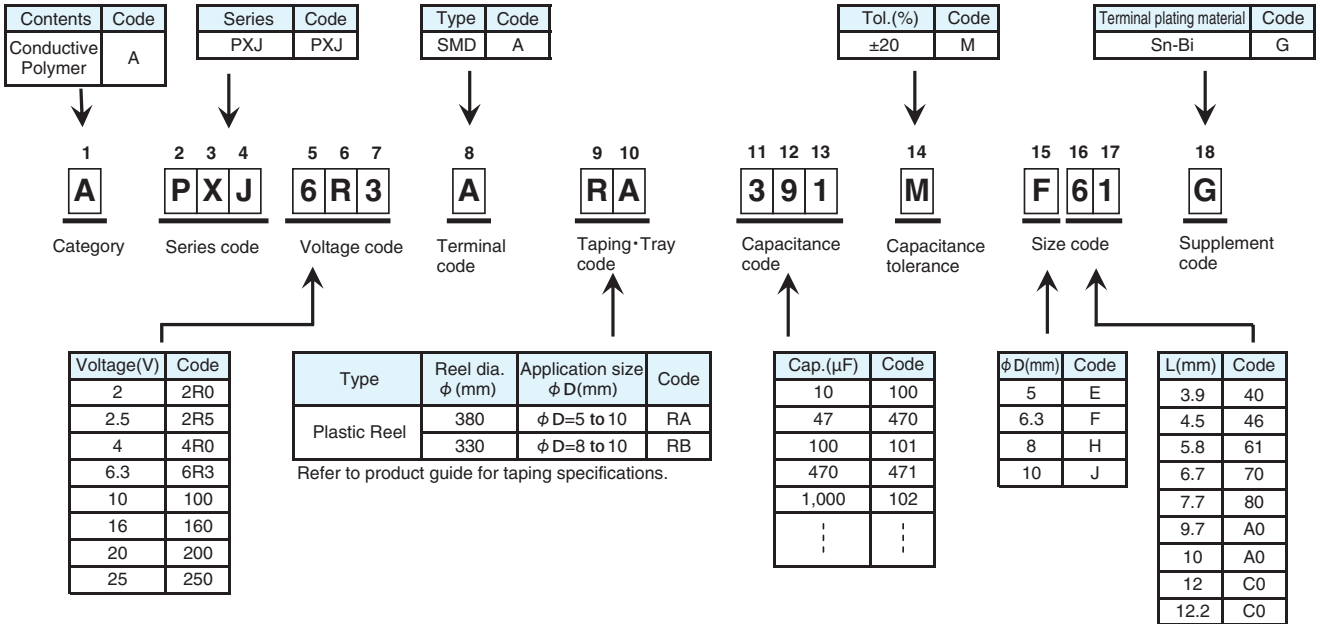


**Product code guide (Conductive polymer Surface mount type)**

(Example : PXJ series, 6.3V-390μF, φ6.3×5.8L)



Please refer to the following table

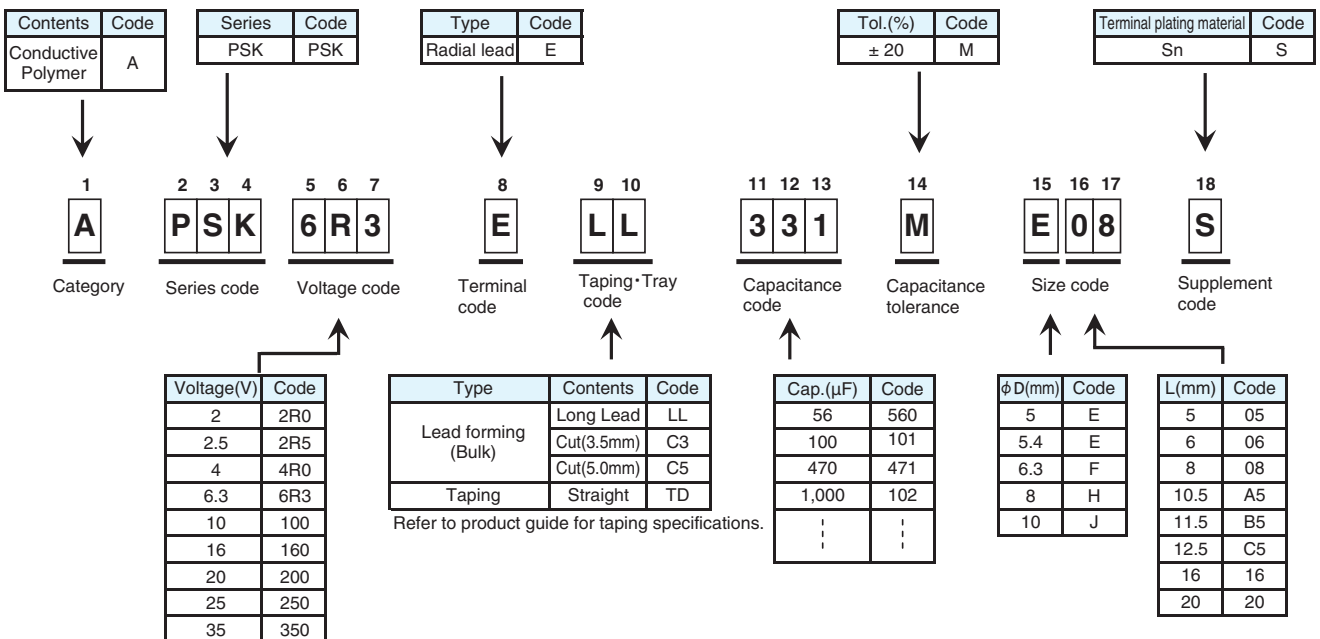


\*Refer to the appendix (Part number) for codes not listed here.

**Product code guide (Conductive polymer Radial lead type)**

(Example : PSK series, 6.3V-330μF, φ5×8L, Long Lead with bulk)

Please refer to the following table



\*Refer to the appendix (Part number) for codes not listed here.

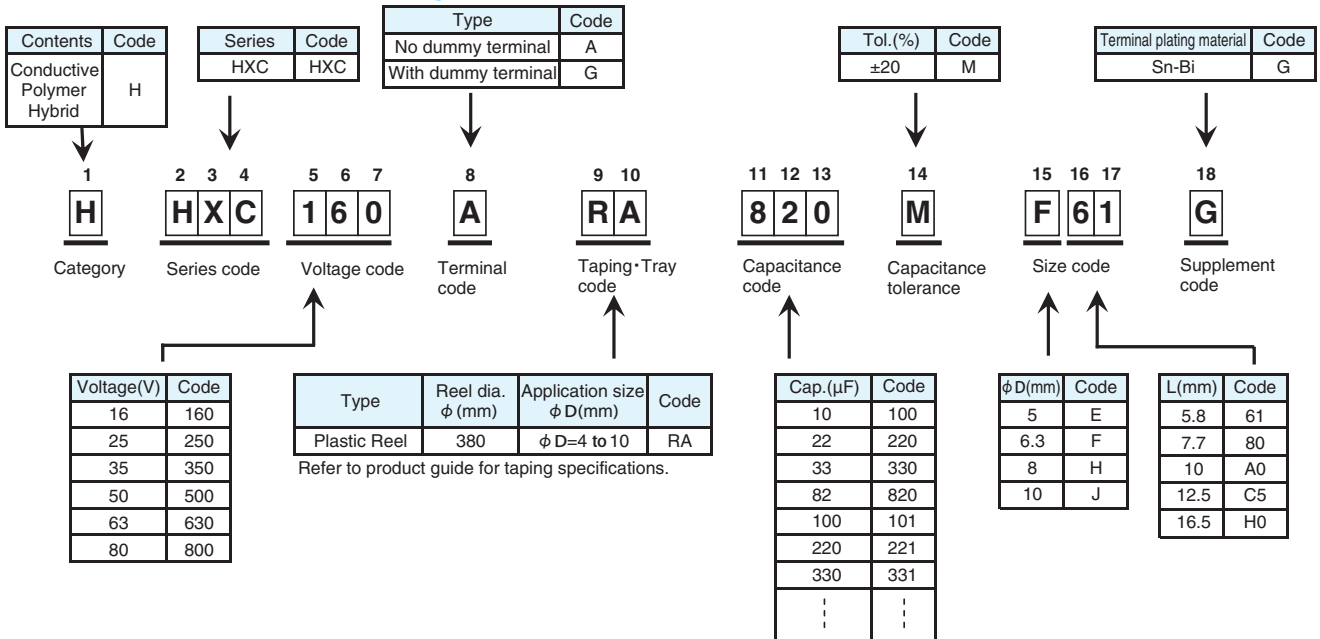
# CHEMI-CON PART NUMBERING SYSTEM

## Product code guide (Conductive polymer hybrid Surface mount type)

(Example : HXC series, 16V-82 $\mu$ F,  $\phi$ 6.3 $\times$ 5.8L)



Please refer to the following table



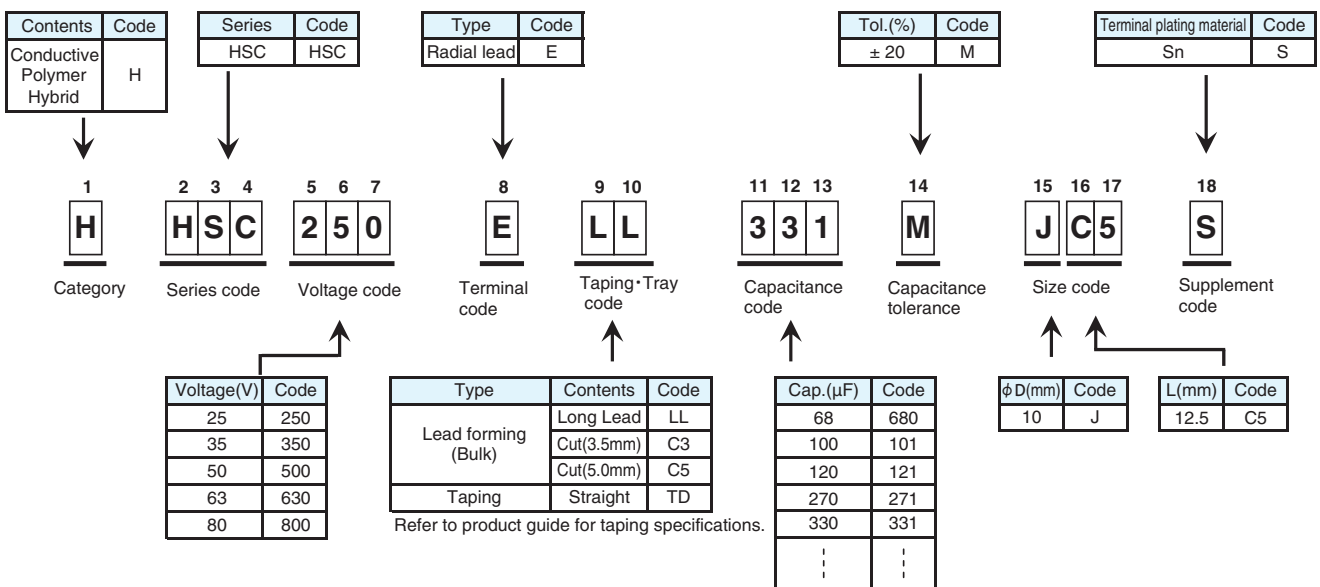
\*Refer to the appendix (Part number) for codes not listed here.

## Product code guide (Conductive polymer hybrid Radial lead type)

(Example : HSC series, 25V-330 $\mu$ F,  $\phi$ 10 $\times$ 12.5L, Long Lead with bulk)



Please refer to the following table



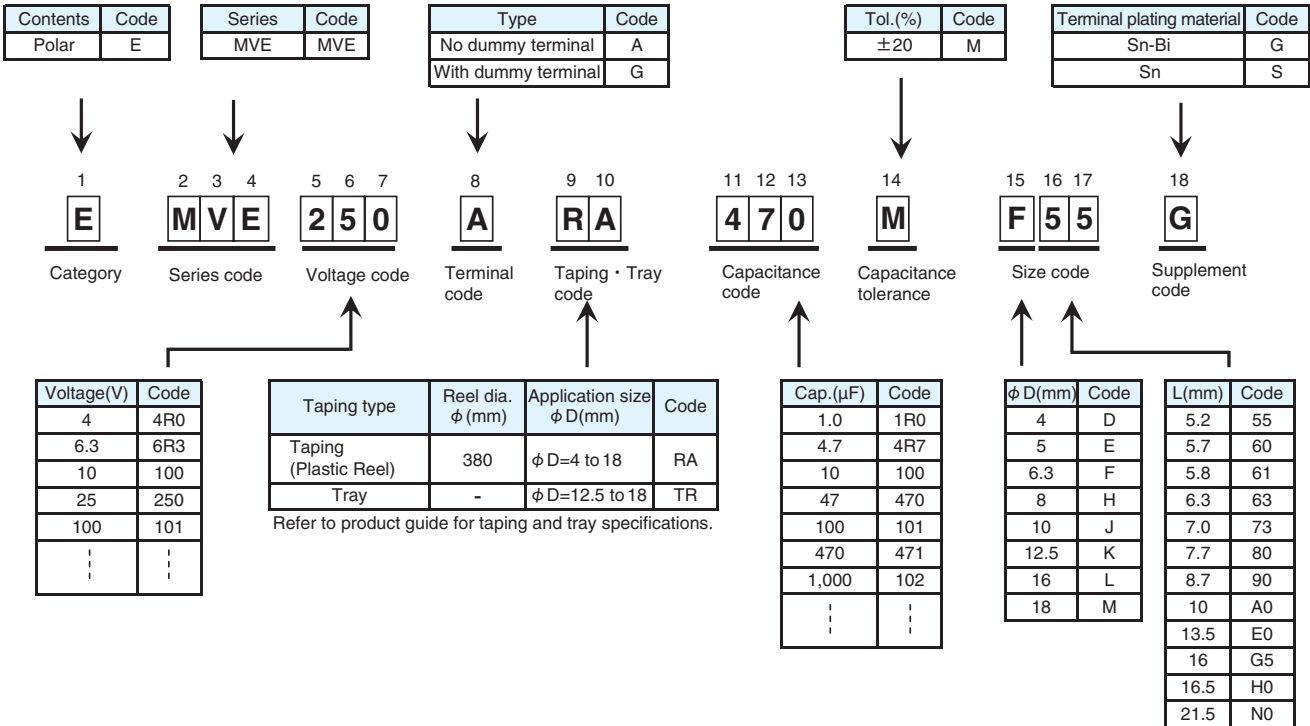
\*Refer to the appendix (Part number) for codes not listed here.

# CHEMI-CON PART NUMBERING SYSTEM

## Product code guide (Surface mount type)

(Example : MVE series, 25V-47 $\mu$ F,  $\phi$ 6.3 $\times$ 5.2L)

Please refer to the following table



\*Refer to the appendix (Part number) for codes not listed here.

# CHEMI-CON PART NUMBERING SYSTEM

## Product code guide (Radial lead type)

(Example : KMQ series, 100V-100 $\mu$ F,  $\phi$ 10 $\times$ 16L, Long lead with bulk)



Please refer to the following table

| Contents | Code | Series | Code | Type        | Code | Tol.(%)    | Code | Sleeve materia            | Terminal plating material | Code |
|----------|------|--------|------|-------------|------|------------|------|---------------------------|---------------------------|------|
| Polar    | E    | KMQ    | KMQ  | Radial lead | E    | $\pm$ 20   | M    | PET                       | Sn-Bi                     | D    |
|          |      | KY     | KY-  |             |      | -10 to +20 | V    |                           | Sn                        | S    |
|          |      |        |      |             |      |            |      | Sleeveless (Coating case) | Sn-Bi                     | G    |
|          |      |        |      |             |      |            |      |                           | Sn                        | H    |

| 1        | 2 3 4       | 5 6 7        | 8             | 9 10                     | 11 12 13         | 14                    | 15 16 17  | 18              |
|----------|-------------|--------------|---------------|--------------------------|------------------|-----------------------|-----------|-----------------|
| E        | KMQ         | 101          | E             | LL                       | 101              | M                     | J 16      | S               |
| Category | Series code | Voltage code | Terminal code | Lead forming/Taping code | Capacitance code | Capacitance tolerance | Size code | Supplement code |

| Voltage(V) | Code |
|------------|------|
| 6.3        | 6R3  |
| 10         | 100  |
| 25         | 250  |
| 100        | 101  |
| 250        | 251  |
| ⋮          | ⋮    |

| Type                      | Contents                | Code |    |
|---------------------------|-------------------------|------|----|
| Lead forming (Bulk)       | Long Lead               | LL   |    |
|                           | Cut(3.5mm)              | C3   |    |
|                           | Cut(5.0mm)              | C5   |    |
|                           | Forming Cut             | FC   | FC |
|                           |                         | IJ   | IJ |
|                           | Snap-in $\phi$ D=5 to 8 | FM   | FM |
| Snap-in $\phi$ D=10 to 18 | MC                      | MC   |    |
| Taping                    | Horizontal              | BC   | BC |
|                           |                         | BD   | BD |
|                           | Straight                | TD   | TD |
|                           | Gradual forming         |      |    |
|                           | Straight(Skip a hole)   | TE   | TE |
| Forming(F=5.0mm)          | TC                      | TC   |    |

| Cap.( $\mu$ F) | Code |
|----------------|------|
| 1.0            | 1R0  |
| 4.7            | 4R7  |
| 10             | 100  |
| 47             | 470  |
| 100            | 101  |
| 470            | 471  |
| 1,000          | 102  |
| ⋮              | ⋮    |

| $\phi$ D(mm) | Code | L(mm) | Code |
|--------------|------|-------|------|
| 5            | E    | 11    | 11   |
| 6.3          | F    | 11.5  | B5   |
| 8            | H    | 12.5  | C5   |
| 10           | J    | 13    | 13   |
| 12.5         | K    | 15    | 15   |
| 14.5         | U    | 16    | 16   |
| 16           | L    | 20    | 20   |
| 18           | M    | 25    | 25   |
|              |      | 30    | 30   |
|              |      | 31.5  | N3   |
|              |      | 35    | 35   |
|              |      | 35.5  | P1   |
|              |      | 40    | 40   |
|              |      | 45    | 45   |
|              |      | 50    | 50   |

Refer to product guide for lead forming and taping specifications.

\*Refer to the appendix (Part number) for codes not listed here.

## CUT/FORMED LEAD

| Terminal type  | Terminal type  | Terminal type  |               |     |          |   |            |               |     |               |            |               |     |               |
|--|--|--|---------------|-----|----------|---|------------|---------------|-----|---------------|------------|---------------|-----|---------------|
| <p>●Lead code : FC (Forming Cut type)<br/>Size : <math>\phi</math>D=5 to 8</p>   | <p>●Lead code : C3 (Cutting type)<br/>Size : <math>\phi</math>D=5 to 18</p> <p>Dimension (C)</p> <ul style="list-style-type: none"> <li><math>\phi</math>D= 5 to 8: C3: 3.5<math>\pm</math>0.5(Second standard C5: 5.0<math>\pm</math>0.5)</li> <li><math>\phi</math>D=10 to 18: C3: 3.5<math>\pm</math>0.5(Second standard C5: 5.0<math>\pm</math>1.0)</li> </ul> | <p>●Lead code : IJ (Forming Cut type)<br/>Size : <math>\phi</math>D=10 to 18</p> <p>Dimension</p> <table border="1"> <thead> <tr> <th><math>\phi</math>D</th> <th>A-B</th> <th><math>\phi</math>d</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>10 to 12.5</td> <td>3.2<math>\pm</math>0.5</td> <td>0.6</td> <td>5.0<math>\pm</math>0.5</td> </tr> <tr> <td>14.5 to 18</td> <td>3.2<math>\pm</math>0.5</td> <td>0.8</td> <td>7.5<math>\pm</math>0.5</td> </tr> </tbody> </table> | $\phi$ D      | A-B | $\phi$ d | P | 10 to 12.5 | 3.2 $\pm$ 0.5 | 0.6 | 5.0 $\pm$ 0.5 | 14.5 to 18 | 3.2 $\pm$ 0.5 | 0.8 | 7.5 $\pm$ 0.5 |
| $\phi$ D   | A-B  | $\phi$ d   | P             |     |          |   |            |               |     |               |            |               |     |               |
| 10 to 12.5   | 3.2 $\pm$ 0.5  | 0.6  | 5.0 $\pm$ 0.5 |     |          |   |            |               |     |               |            |               |     |               |
| 14.5 to 18   | 3.2 $\pm$ 0.5  | 0.8  | 7.5 $\pm$ 0.5 |     |          |   |            |               |     |               |            |               |     |               |
| <p>●Lead code : FM (Snap-in type)<br/>Size : <math>\phi</math>D=5 to 8</p>   | <p>●Lead code : MC (Snap-in type)<br/>Size : <math>\phi</math>D=10 to 18</p>   | <p>*1 Please consult with us about other terminal forming.<br/>*2 Please refer to dimensions of each series for gas escape end seal.<br/>*3 Conventionally, lead forming code is used in common by (BC) for two type of the lead bent directions. We added lead forming code (BD) newly and clarified the lead bent directions. Please place an order after the choice for an appropriate lead forming code depending on condition of use.</p>                                     |               |     |          |   |            |               |     |               |            |               |     |               |
| <p>●Lead code : BC (Horizontal type)*3<br/>Size : <math>\phi</math>D=10 to 18</p> <p>Dimension (P)</p> <ul style="list-style-type: none"> <li><math>\phi</math>10, <math>\phi</math>12.5 : P=5.0<math>\pm</math>0.5</li> <li><math>\phi</math>14.5, <math>\phi</math>16, <math>\phi</math>18 : P=7.5<math>\pm</math>0.5</li> </ul> | <p>●Lead code : BD (Horizontal type)*3<br/>Size : <math>\phi</math>D=10 to 18</p> <p>Dimension (P)</p> <ul style="list-style-type: none"> <li><math>\phi</math>10, <math>\phi</math>12.5 : P=5.0<math>\pm</math>0.5</li> <li><math>\phi</math>14.5, <math>\phi</math>16, <math>\phi</math>18 : P=7.5<math>\pm</math>0.5</li> </ul>                                 |  |               |     |          |   |            |               |     |               |            |               |     |               |

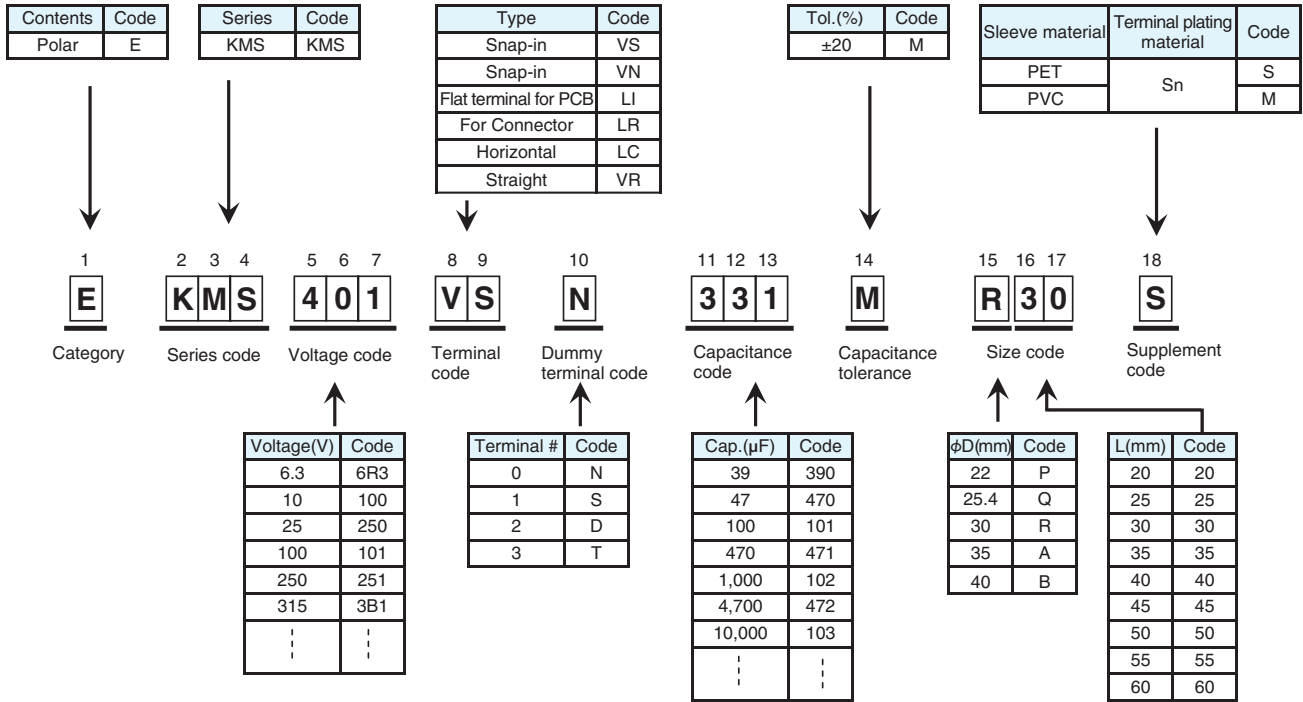
**Product code guide (Snap-in type)**

(Example : KMS series, 400V-330μF, φ30×30L)

Please refer to the following table



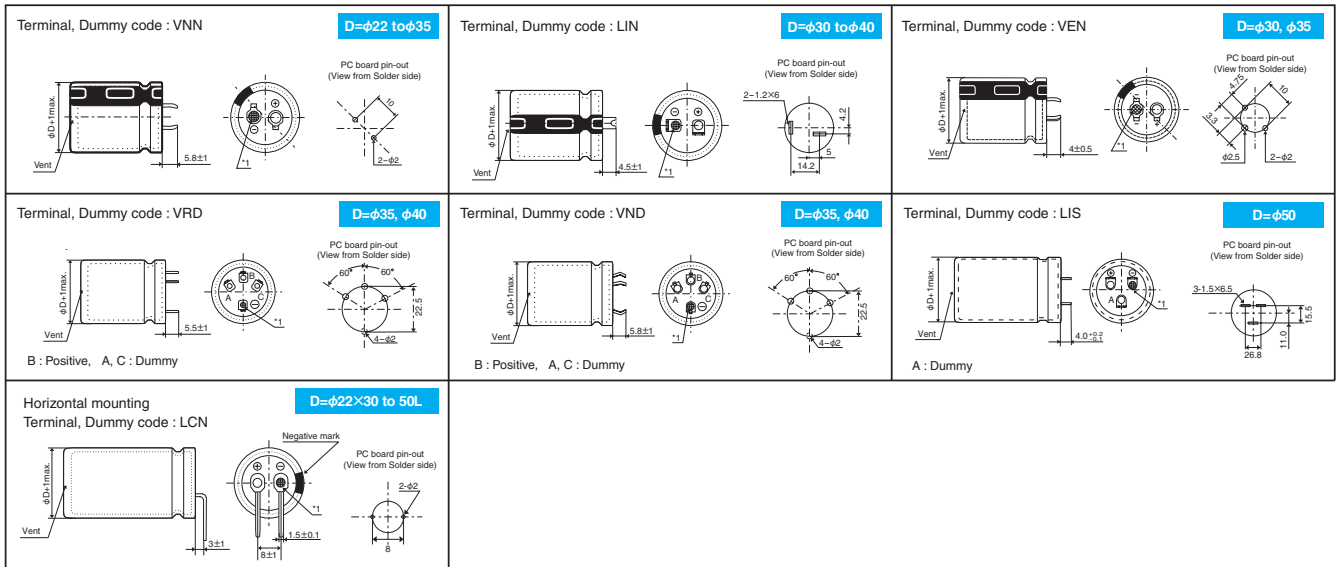
For more details, refer to Product Guide.



\*Refer to the appendix (Part number) for codes not listed here.

**Available terminals**

[mm]



\*1 Negative terminal : Mesh marking

\*2 Use the dummy terminals for mechanical support only.

The dummy terminals must not be connected to any circuit trace on PC board, be sure to electrically isolate from the negative and the positive terminals.

# CHEMI-CON PART NUMBERING SYSTEM

## Product code guide (Screw mount terminal type)

(Example : KMH series, 400V-3,300 $\mu$ F,  $\phi$  63.5 $\times$ 120L, Without mounting clamp)

Please refer to the following table



| Contents | Code | Series | Code | Type           | Code | Tol.(%)  | Code | Sleeve Material | Plastic disk | Code |
|----------|------|--------|------|----------------|------|----------|------|-----------------|--------------|------|
| Polar    | E    | KMH    | KMH  | Screw terminal | LG   | $\pm 20$ | M    | PVC             | Provided     | U    |

|          |             |              |               |                     |                  |                       |            |                 |
|----------|-------------|--------------|---------------|---------------------|------------------|-----------------------|------------|-----------------|
| 1        | 2 3 4       | 5 6 7        | 8 9           | 10                  | 11 12 13         | 14                    | 15 16 17   | 18              |
| <b>E</b> | <b>KMH</b>  | <b>401</b>   | <b>LG</b>     | <b>N</b>            | <b>332</b>       | <b>M</b>              | <b>DC0</b> | <b>U</b>        |
| Category | Series code | Voltage code | Terminal code | Mounting clamp code | Capacitance code | Capacitance tolerance | Size code  | Supplement code |

| Voltage(V) | Code |
|------------|------|
| 10         | 100  |
| 25         | 250  |
| 100        | 101  |
| 250        | 251  |
| 315        | 3B1  |
| 525        | 5C1  |
| ⋮          | ⋮    |

| Type          | Code |
|---------------|------|
|               | B    |
|               | C    |
| Without clamp | N    |

| Cap.( $\mu$ F) | Code |
|----------------|------|
| 100            | 101  |
| 470            | 471  |
| 1,000          | 102  |
| 4,700          | 472  |
| 10,000         | 103  |
| 47,000         | 473  |
| 100,000        | 104  |
| ⋮              | ⋮    |

| $\phi$ D(mm) | Code |
|--------------|------|
| 35           | A    |
| 50           | C    |
| 63.5         | D    |
| 76.2         | E    |
| 89           | F    |
| 100          | G    |

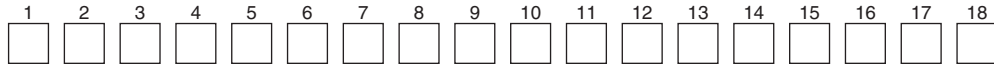
| L(mm) | Code |
|-------|------|
| 50    | 50   |
| 55    | 55   |
| 60    | 60   |
| 65    | 65   |
| 75    | 75   |
| 80    | 80   |
| 85    | 85   |
| 90    | 90   |
| 95    | 95   |
| 96    | 96   |
| 100   | A0   |
| 105   | A5   |
| 110   | B0   |
| 115   | B5   |
| 120   | C0   |
| 125   | C5   |
| 130   | D0   |
| 140   | E0   |
| 145   | E5   |
| 155   | F5   |
| 170   | H0   |
| 190   | K0   |
| 210   | M0   |
| 220   | N0   |
| 250   | R0   |
| 270   | T0   |

\*Refer to the appendix (Part number) for codes not listed here.

## Part numbering system

Our part numbering system is common to all of Nippon Chemi-Con's subsidiaries worldwide, and has been switching the conventional part numbering system. The part number uses 18-digit codes to express information of principal product specifications such as product category, series name, rated voltage, capacitance, case size and RoHS compliance.

### ●Categories



| Code     | Details  |
|----------|--|
| <b>A</b> | Conductive Polymer Aluminum Solid Capacitors (Polar)               |
| <b>H</b> | Conductive Polymer Hybrid Aluminum Electrolytic Capacitors (Polar) |
| <b>E</b> | Aluminum Electrolytic Capacitors (Polar)                           |
| <b>K</b> | Multilayer Ceramic Capacitors                                      |
| <b>F</b> | Film Capacitors  |
| <b>D</b> | Electric Double Layer Capacitors                                   |
| <b>T</b> | Metal Oxide Varistors  |
| <b>L</b> | Amorphous Choke Coils  |

\* For digits 2 to 18, please see "Product code guide".

### ●Example

| Product type                     | Part number (Example) | Conventional part number (Ref.) |
|----------------------------------|-----------------------|---------------------------------|
| <b>Surface mount type</b>        | EMVE160ADA100MD55G    | MVE16VC10MD55E0                 |
| <b>Radial lead type</b>          | EKMQ6R3ETC102MHB5D    | TC04RKM6.3VB1000MF50E0          |
| <b>Snap-in type</b>              | EKMQ201VSN471MP30S    | KMQ200VSSN470M22BE0             |
| <b>Screw mount terminal type</b> | ERWE551LGC821MCD0U    | RWE550LGSN820MCC13EA            |



# U37F Series

**Part Numbering System for U37F Series** When ordering, always specify complete 18-field global part number.

**18 Fields**

**1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18**

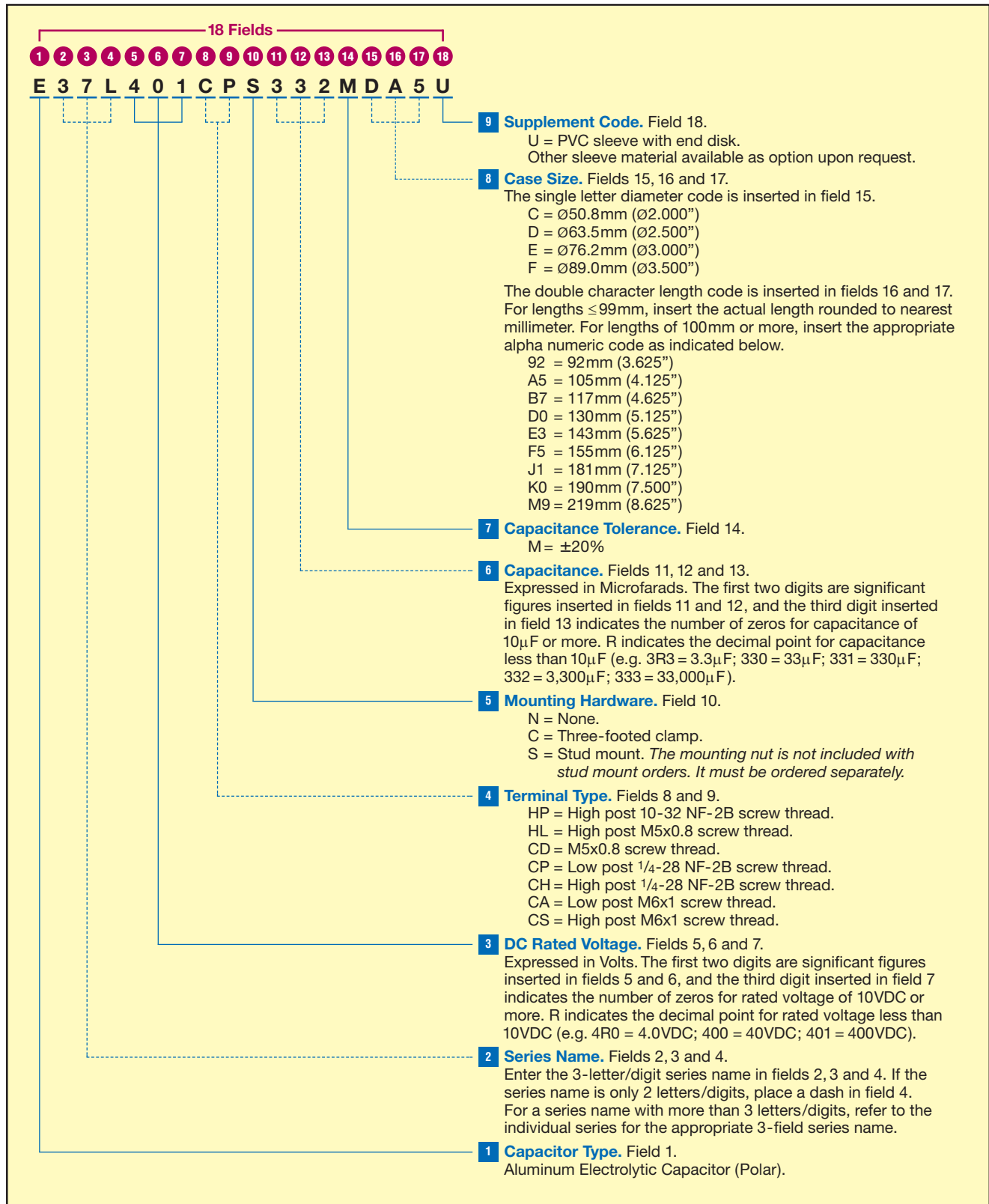
**E 3 7 F 4 0 1 C P N 1 0 3 M E J 1 U**

- 1 Capacitor Type.** Field 1.  
Aluminum Electrolytic Capacitor (Polar).
- 2 Series Name.** Fields 2, 3 and 4.  
Enter the 3-letter/digit series name in fields 2, 3 and 4. If the series name is only 2 letters/digits, place a dash in field 4. For a series name with more than 3 letters/digits, refer to the individual series for the appropriate 3-field series name.
- 3 DC Rated Voltage.** Fields 5, 6 and 7.  
Expressed in Volts. The first two digits are significant figures inserted in fields 5 and 6, and the third digit inserted in field 7 indicates the number of zeros for rated voltage of 10VDC or more. R indicates the decimal point for rated voltage less than 10VDC (e.g. 4R0 = 4.0VDC; 400 = 40VDC; 401 = 400VDC).
- 4 Terminal Type.** Fields 8 and 9.  
HP = High post 10-32 NF-2B screw thread.  
HL = High post M5x0.8 screw thread.  
CD = M5x0.8 screw thread.  
CP = Low post 1/4-28 NF-2B screw thread.  
CH = High post 1/4-28 NF-2B screw thread.  
CA = Low post M6x1 screw thread.  
CS = High post M6x1 screw thread.
- 5 Mounting Hardware.** Field 10.  
N = None.  
C = Three-footed clamp.  
S = Stud mount. *The mounting nut is not included with stud mount orders. It must be ordered separately.*
- 6 Capacitance.** Fields 11, 12 and 13.  
Expressed in Microfarads. The first two digits are significant figures inserted in fields 11 and 12, and the third digit inserted in field 13 indicates the number of zeros for capacitance of 10 $\mu$ F or more. R indicates the decimal point for capacitance less than 10 $\mu$ F (e.g. 1R0 = 1.0 $\mu$ F; 100 = 10 $\mu$ F; 101 = 100 $\mu$ F; 102 = 1,000 $\mu$ F; 103 = 10,000 $\mu$ F).
- 7 Capacitance Tolerance.** Field 14.  
M =  $\pm$ 20%
- 8 Case Size.** Fields 15, 16 and 17.  
The single letter diameter code is inserted in field 15.  
C =  $\varnothing$ 50.8mm ( $\varnothing$ 2.000")  
D =  $\varnothing$ 63.5mm ( $\varnothing$ 2.500")  
E =  $\varnothing$ 76.2mm ( $\varnothing$ 3.000")  
F =  $\varnothing$ 89.0mm ( $\varnothing$ 3.500")  
The double character length code is inserted in fields 16 and 17. For lengths  $\leq$ 99mm, insert the actual length rounded to nearest millimeter. For lengths of 100mm or more, insert the appropriate alpha numeric code as indicated below.  
92 = 92mm (3.625")  
A5 = 105mm (4.125")  
B7 = 117mm (4.625")  
D0 = 130mm (5.125")  
E3 = 143mm (5.625")  
F5 = 155mm (6.125")  
J1 = 181mm (7.125")  
K0 = 190mm (7.500")  
M9 = 219mm (8.625")
- 9 Supplement Code.** Field 18.  
U = PVC sleeve with end disk.  
Other sleeve material available as option upon request.



# U37L Series

**Part Numbering System for U37L Series** When ordering, always specify complete 18-field global part number.



# U37X Series

**Part Numbering System for U37X Series** When ordering, always specify complete 18-field global part number.

**18 Fields**

**1** **Capacitor Type.** Field 1.  
Aluminum Electrolytic Capacitor (Polar).

**2** **Series Name.** Fields 2, 3 and 4.  
Enter the 3-letter/digit series name in fields 2, 3 and 4. If the series name is only 2 letters/digits, place a dash in field 4. For a series name with more than 3 letters/digits, refer to the individual series for the appropriate 3-field series name.

**3** **DC Rated Voltage.** Fields 5, 6 and 7.  
Expressed in Volts. The first two digits are significant figures inserted in fields 5 and 6, and the third digit inserted in field 7 indicates the number of zeros for rated voltage of 10VDC or more. R indicates the decimal point for rated voltage less than 10VDC (e.g. 4R0 = 4.0VDC; 400 = 40VDC; 401 = 400VDC).

**4** **Terminal Type.** Fields 8 and 9.  
HP = High post 10-32 NF-2B screw thread.  
HL = High post M5x0.8 screw thread.  
CD = M5x0.8 screw thread.  
CP = Low post 1/4-28 NF-2B screw thread.  
CH = High post 1/4-28 NF-2B screw thread.  
CA = Low post M6x1 screw thread.  
CS = High post M6x1 screw thread.

**5** **Mounting Hardware.** Field 10.  
N = None.  
C = Three-footed clamp.  
S = Stud mount. *The mounting nut is not included with stud mount orders. It must be ordered separately.*

**6** **Capacitance.** Fields 11, 12 and 13.  
Expressed in Microfarads. The first two digits are significant figures inserted in fields 11 and 12, and the third digit inserted in field 13 indicates the number of zeros for capacitance of 10 $\mu$ F or more. R indicates the decimal point for capacitance less than 10 $\mu$ F (e.g. 4R7 = 4.7 $\mu$ F; 470 = 47 $\mu$ F; 471 = 470 $\mu$ F; 472 = 4,700 $\mu$ F; 473 = 47,000 $\mu$ F).

**7** **Capacitance Tolerance.** Field 14.  
M =  $\pm$ 20%

**8** **Case Size.** Fields 15, 16 and 17.  
The single letter diameter code is inserted in field 15.  
C =  $\varnothing$ 50.8mm ( $\varnothing$ 2.000")  
D =  $\varnothing$ 63.5mm ( $\varnothing$ 2.500")  
E =  $\varnothing$ 76.2mm ( $\varnothing$ 3.000")  
F =  $\varnothing$ 89.0mm ( $\varnothing$ 3.500")  
The double character length code is inserted in fields 16 and 17. For lengths  $\leq$ 99mm, insert the actual length rounded to nearest millimeter. For lengths of 100mm or more, insert the appropriate alpha numeric code as indicated below.  
92 = 92mm (3.625")  
A5 = 105mm (4.125")  
B7 = 117mm (4.625")  
D0 = 130mm (5.125")  
E3 = 143mm (5.625")  
F5 = 155mm (6.125")  
J1 = 181mm (7.125")  
K0 = 190mm (7.500")  
M9 = 219mm (8.625")

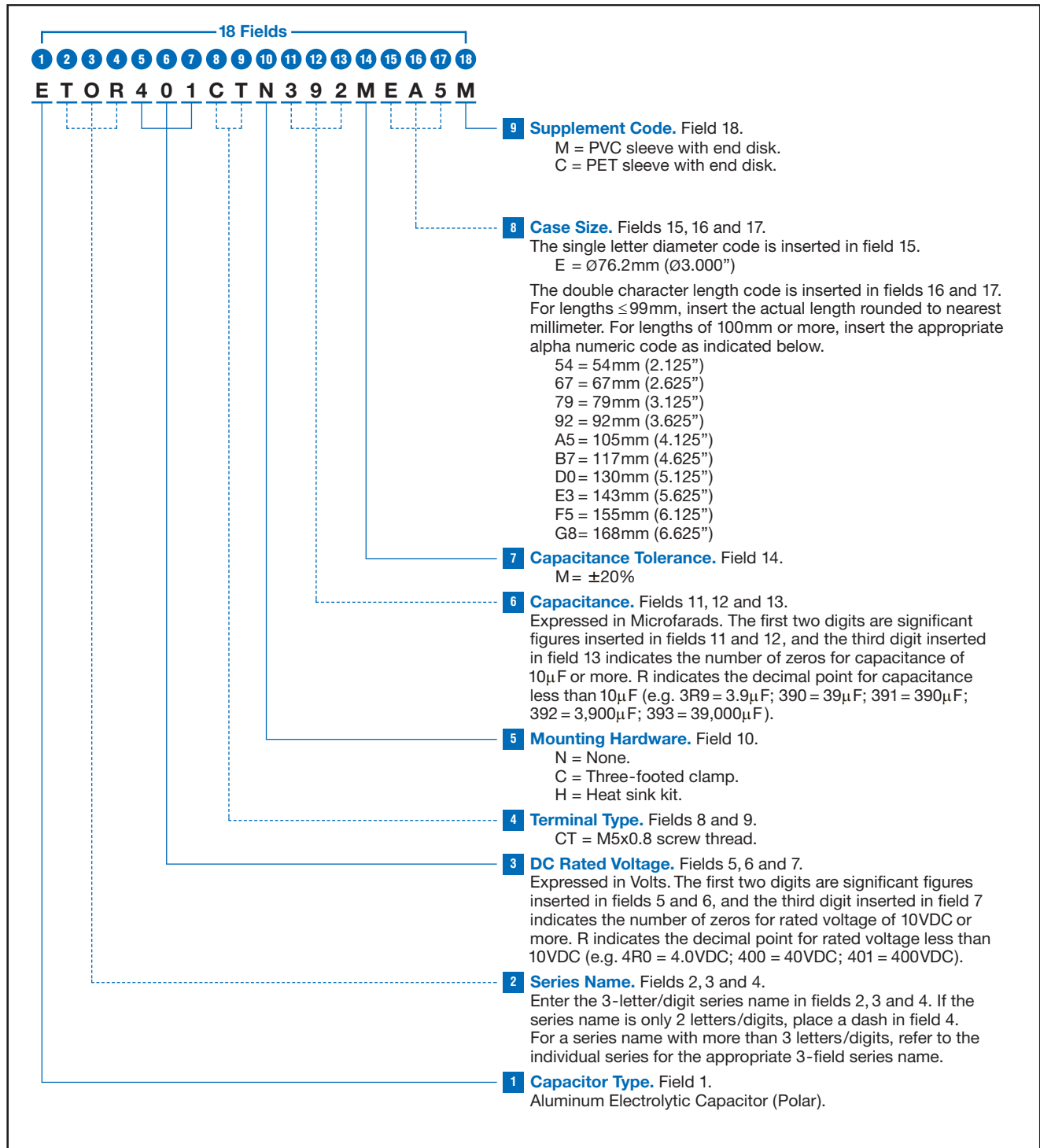
**9** **Supplement Code.** Field 18.  
U = PVC sleeve with end disk.  
Other sleeve material available as option upon request.

**Part Number: E 3 7 X 4 0 1 C P N 4 7 2 M E A 5 U**



# UTOR Series

**Part Numbering System for UTOR Series** When ordering, always specify complete 18-field global part number.



## Appendix (Part number)

### ◆ Capacitance code

\* How to use the table

|            |            |
|------------|------------|
|            | <b>1st</b> |
| <b>2nd</b> | Cap. Value |

Capacitance value part

| 2nd | 1st  |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|
|     | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    |
| 0   | 10.0 | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 | 70.0 | 80.0 | 90.0 |
| A   | 10.5 | 20.5 | 30.5 | 40.5 | 50.5 | 60.5 | 70.5 | 80.5 | 90.5 |
| 1   | 11.0 | 21.0 | 31.0 | 41.0 | 51.0 | 61.0 | 71.0 | 81.0 | 91.0 |
| B   | 11.5 | 21.5 | 31.5 | 41.5 | 51.5 | 61.5 | 71.5 | 81.5 | 91.5 |
| 2   | 12.0 | 22.0 | 32.0 | 42.0 | 52.0 | 62.0 | 72.0 | 82.0 | 92.0 |
| C   | 12.5 | 22.5 | 32.5 | 42.5 | 52.5 | 62.5 | 72.5 | 82.5 | 92.5 |
| 3   | 13.0 | 23.0 | 33.0 | 43.0 | 53.0 | 63.0 | 73.0 | 83.0 | 93.0 |
| D   | 13.5 | 23.5 | 33.5 | 43.5 | 53.5 | 63.5 | 73.5 | 83.5 | 93.5 |
| 4   | 14.0 | 24.0 | 34.0 | 44.0 | 54.0 | 64.0 | 74.0 | 84.0 | 94.0 |
| E   | 14.5 | 24.5 | 34.5 | 44.5 | 54.5 | 64.5 | 74.5 | 84.5 | 94.5 |
| 5   | 15.0 | 25.0 | 35.0 | 45.0 | 55.0 | 65.0 | 75.0 | 85.0 | 95.0 |
| F   | 15.5 | 25.5 | 35.5 | 45.5 | 55.5 | 65.5 | 75.5 | 85.5 | 95.5 |
| 6   | 16.0 | 26.0 | 36.0 | 46.0 | 56.0 | 66.0 | 76.0 | 86.0 | 96.0 |
| G   | 16.5 | 26.5 | 36.5 | 46.5 | 56.5 | 66.5 | 76.5 | 86.5 | 96.5 |
| 7   | 17.0 | 27.0 | 37.0 | 47.0 | 57.0 | 67.0 | 77.0 | 87.0 | 97.0 |
| H   | 17.5 | 27.5 | 37.5 | 47.5 | 57.5 | 67.5 | 77.5 | 87.5 | 97.5 |
| 8   | 18.0 | 28.0 | 38.0 | 48.0 | 58.0 | 68.0 | 78.0 | 88.0 | 98.0 |
| J   | 18.5 | 28.5 | 38.5 | 48.5 | 58.5 | 68.5 | 78.5 | 88.5 | 98.5 |
| 9   | 19.0 | 29.0 | 39.0 | 49.0 | 59.0 | 69.0 | 79.0 | 89.0 | 99.0 |
| K   | 19.5 | 29.5 | 39.5 | 49.5 | 59.5 | 69.5 | 79.5 | 89.5 | 99.5 |



For less than 10μF, a decimal point position is displayed with R.

For 10μF or more, capacitance code is set to the first 2 digits and index (1 digit).

Treatment of fraction (Refer to the table)

Example of conversion

| Real cap.  | The first 2 digits | Treatment of fraction | Code |      |      |
|------------|--------------------|-----------------------|------|------|------|
|            |                    |                       | 11th | 12th | 13th |
| 10.0μF →   | 10.0 →             | 10.0 →                | 1    | 0    | 0    |
| 10.1μF →   | 10.1 →             | 10.0 →                | 1    | 0    | 0    |
| 10.2μF →   | 10.2 →             | 10.0 →                | 1    | 0    | 0    |
| 10.3μF →   | 10.3 →             | 10.5 →                | 1    | A    | 0    |
| 10.4μF →   | 10.4 →             | 10.5 →                | 1    | A    | 0    |
| 10.5μF →   | 10.5 →             | 10.5 →                | 1    | A    | 0    |
| 10.6μF →   | 10.6 →             | 10.5 →                | 1    | A    | 0    |
| 10.7μF →   | 10.7 →             | 10.5 →                | 1    | A    | 0    |
| 10.8μF →   | 10.8 →             | 11.0 →                | 1    | 1    | 0    |
| 10.9μF →   | 10.9 →             | 11.0 →                | 1    | 1    | 0    |
| 11.0μF →   | 11.0 →             | 11.0 →                | 1    | 1    | 0    |
| 132μF →    | 13.2 →             | 13.0 →                | 1    | 3    | 1    |
| 133μF →    | 13.3 →             | 13.5 →                | 1    | D    | 1    |
| 167μF →    | 16.7 →             | 16.5 →                | 1    | G    | 1    |
| 168μF →    | 16.8 →             | 17.0 →                | 1    | 7    | 1    |
| 1110μF →   | 11.1 →             | 11.0 →                | 1    | 1    | 2    |
| 1340μF →   | 13.4 →             | 13.5 →                | 1    | D    | 2    |
| 13200μF →  | 13.2 →             | 13.0 →                | 1    | 3    | 3    |
| 13600μF →  | 13.6 →             | 13.5 →                | 1    | D    | 3    |
| 270000μF → | 27.0 →             | 27.0 →                | 2    | 7    | 4    |

### ◆ Case length (Radial lead type)

| Case length [mm] | 16th | 17th | Case length [mm] | 16th | 17th | Case length [mm] | 16th | 17th | Case length [mm] | 16th | 17th | Case length [mm] | 16th | 17th | Case length [mm] | 16th | 17th |
|------------------|------|------|------------------|------|------|------------------|------|------|------------------|------|------|------------------|------|------|------------------|------|------|
| 0.0              | —    | —    | 1.0              | 0    | 1    | 2.0              | 0    | 2    | 3.0              | 0    | 3    | 4.0              | 0    | 4    |                  |      |      |
| 0.1              | 0    | B    | 1.1              | 1    | B    | 2.1              | 2    | B    | 3.1              | 3    | B    | 4.1              | 4    | B    |                  |      |      |
| 0.2              | 0    | C    | 1.2              | 1    | C    | 2.2              | 2    | C    | 3.2              | 3    | C    | 4.2              | 4    | C    |                  |      |      |
| 0.3              | 0    | D    | 1.3              | 1    | D    | 2.3              | 2    | D    | 3.3              | 3    | D    | 4.3              | 4    | D    |                  |      |      |
| 0.4              | 0    | E    | 1.4              | 1    | E    | 2.4              | 2    | E    | 3.4              | 3    | E    | 4.4              | 4    | E    |                  |      |      |
| 0.5              | 0    | F    | 1.5              | 1    | F    | 2.5              | 2    | F    | 3.5              | 3    | F    | 4.5              | 4    | F    |                  |      |      |
| 0.6              | 0    | G    | 1.6              | 1    | G    | 2.6              | 2    | G    | 3.6              | 3    | G    | 4.6              | 4    | G    |                  |      |      |
| 0.7              | 0    | H    | 1.7              | 1    | H    | 2.7              | 2    | H    | 3.7              | 3    | H    | 4.7              | 4    | H    |                  |      |      |
| 0.8              | 0    | J    | 1.8              | 1    | J    | 2.8              | 2    | J    | 3.8              | 3    | J    | 4.8              | 4    | J    |                  |      |      |
| 0.9              | 0    | K    | 1.9              | 1    | K    | 2.9              | 2    | K    | 3.9              | 3    | K    | 4.9              | 4    | K    |                  |      |      |
| 5.0              | 0    | 5    | 6.0              | 0    | 6    | 7.0              | 0    | 7    | 8.0              | 0    | 8    | 9.0              | 0    | 9    |                  |      |      |
| 5.1              | 5    | B    | 6.1              | 6    | B    | 7.1              | 7    | B    | 8.1              | 8    | B    | 9.1              | 9    | B    |                  |      |      |
| 5.2              | 5    | C    | 6.2              | 6    | C    | 7.2              | 7    | C    | 8.2              | 8    | C    | 9.2              | 9    | C    |                  |      |      |
| 5.3              | 5    | D    | 6.3              | 6    | D    | 7.3              | 7    | D    | 8.3              | 8    | D    | 9.3              | 9    | D    |                  |      |      |
| 5.4              | 5    | E    | 6.4              | 6    | E    | 7.4              | 7    | E    | 8.4              | 8    | E    | 9.4              | 9    | E    |                  |      |      |
| 5.5              | 5    | F    | 6.5              | 6    | F    | 7.5              | 7    | F    | 8.5              | 8    | F    | 9.5              | 9    | F    |                  |      |      |
| 5.6              | 5    | G    | 6.6              | 6    | G    | 7.6              | 7    | G    | 8.6              | 8    | G    | 9.6              | 9    | G    |                  |      |      |
| 5.7              | 5    | H    | 6.7              | 6    | H    | 7.7              | 7    | H    | 8.7              | 8    | H    | 9.7              | 9    | H    |                  |      |      |
| 5.8              | 5    | J    | 6.8              | 6    | J    | 7.8              | 7    | J    | 8.8              | 8    | J    | 9.8              | 9    | J    |                  |      |      |
| 5.9              | 5    | K    | 6.9              | 6    | K    | 7.9              | 7    | K    | 8.9              | 8    | K    | 9.9              | 9    | K    |                  |      |      |
| 10.0             | 1    | 0    | 11.0             | 1    | 1    | 12.0             | 1    | 2    | 13.0             | 1    | 3    | 14.0             | 1    | 4    |                  |      |      |
| 10.1             | A    | 1    | 11.1             | B    | 1    | 12.1             | C    | 1    | 13.1             | D    | 1    | 14.1             | E    | 1    |                  |      |      |
| 10.2             | A    | 2    | 11.2             | B    | 2    | 12.2             | C    | 2    | 13.2             | D    | 2    | 14.2             | E    | 2    |                  |      |      |
| 10.3             | A    | 3    | 11.3             | B    | 3    | 12.3             | C    | 3    | 13.3             | D    | 3    | 14.3             | E    | 3    |                  |      |      |
| 10.4             | A    | 4    | 11.4             | B    | 4    | 12.4             | C    | 4    | 13.4             | D    | 4    | 14.4             | E    | 4    |                  |      |      |
| 10.5             | A    | 5    | 11.5             | B    | 5    | 12.5             | C    | 5    | 13.5             | D    | 5    | 14.5             | E    | 5    |                  |      |      |
| 10.6             | A    | 6    | 11.6             | B    | 6    | 12.6             | C    | 6    | 13.6             | D    | 6    | 14.6             | E    | 6    |                  |      |      |
| 10.7             | A    | 7    | 11.7             | B    | 7    | 12.7             | C    | 7    | 13.7             | D    | 7    | 14.7             | E    | 7    |                  |      |      |
| 10.8             | A    | 8    | 11.8             | B    | 8    | 12.8             | C    | 8    | 13.8             | D    | 8    | 14.8             | E    | 8    |                  |      |      |
| 10.9             | A    | 9    | 11.9             | B    | 9    | 12.9             | C    | 9    | 13.9             | D    | 9    | 14.9             | E    | 9    |                  |      |      |



# PART NUMBERING SYSTEM

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 15.0             | 1    | 5    |
| 15.1             | F    | 1    |
| 15.2             | F    | 2    |
| 15.3             | F    | 3    |
| 15.4             | F    | 4    |
| 15.5             | F    | 5    |
| 15.6             | F    | 6    |
| 15.7             | F    | 7    |
| 15.8             | F    | 8    |
| 15.9             | F    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 16.0             | 1    | 6    |
| 16.1             | G    | 1    |
| 16.2             | G    | 2    |
| 16.3             | G    | 3    |
| 16.4             | G    | 4    |
| 16.5             | G    | 5    |
| 16.6             | G    | 6    |
| 16.7             | G    | 7    |
| 16.8             | G    | 8    |
| 16.9             | G    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 17.0             | 1    | 7    |
| 17.1             | H    | 1    |
| 17.2             | H    | 2    |
| 17.3             | H    | 3    |
| 17.4             | H    | 4    |
| 17.5             | H    | 5    |
| 17.6             | H    | 6    |
| 17.7             | H    | 7    |
| 17.8             | H    | 8    |
| 17.9             | H    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 18.0             | 1    | 8    |
| 18.1             | J    | 1    |
| 18.2             | J    | 2    |
| 18.3             | J    | 3    |
| 18.4             | J    | 4    |
| 18.5             | J    | 5    |
| 18.6             | J    | 6    |
| 18.7             | J    | 7    |
| 18.8             | J    | 8    |
| 18.9             | J    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 19.0             | 1    | 9    |
| 19.1             | K    | 1    |
| 19.2             | K    | 2    |
| 19.3             | K    | 3    |
| 19.4             | K    | 4    |
| 19.5             | K    | 5    |
| 19.6             | K    | 6    |
| 19.7             | K    | 7    |
| 19.8             | K    | 8    |
| 19.9             | K    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 20.0             | 2    | 0    |
| 20.5             | L    | 1    |
| 21.0             | 2    | 1    |
| 21.5             | L    | 3    |
| 22.0             | 2    | 2    |
| 22.5             | L    | 5    |
| 23.0             | 2    | 3    |
| 23.5             | L    | 7    |
| 24.0             | 2    | 4    |
| 24.5             | L    | 9    |
| 25.0             | 2    | 5    |
| 25.5             | M    | 1    |
| 26.0             | 2    | 6    |
| 26.5             | M    | 3    |
| 27.0             | 2    | 7    |
| 27.5             | M    | 5    |
| 28.0             | 2    | 8    |
| 28.5             | M    | 7    |
| 29.0             | 2    | 9    |
| 29.5             | M    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 30.0             | 3    | 0    |
| 30.5             | N    | 1    |
| 31.0             | 3    | 1    |
| 31.5             | N    | 3    |
| 32.0             | 3    | 2    |
| 32.5             | N    | 5    |
| 33.0             | 3    | 3    |
| 33.5             | N    | 7    |
| 34.0             | 3    | 4    |
| 34.5             | N    | 9    |
| 35.0             | 3    | 5    |
| 35.5             | P    | 1    |
| 36.0             | 3    | 6    |
| 36.5             | P    | 3    |
| 37.0             | 3    | 7    |
| 37.5             | P    | 5    |
| 38.0             | 3    | 8    |
| 38.5             | P    | 7    |
| 39.0             | 3    | 9    |
| 39.5             | P    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 40.0             | 4    | 0    |
| 40.5             | Q    | 1    |
| 41.0             | 4    | 1    |
| 41.5             | Q    | 3    |
| 42.0             | 4    | 2    |
| 42.5             | Q    | 5    |
| 43.0             | 4    | 3    |
| 43.5             | Q    | 7    |
| 44.0             | 4    | 4    |
| 44.5             | Q    | 9    |
| 45.0             | 4    | 5    |
| 45.5             | R    | 1    |
| 46.0             | 4    | 6    |
| 46.5             | R    | 3    |
| 47.0             | 4    | 7    |
| 47.5             | R    | 5    |
| 48.0             | 4    | 8    |
| 48.5             | R    | 7    |
| 49.0             | 4    | 9    |
| 49.5             | R    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 50.0             | 5    | 0    |
| 50.5             | S    | 1    |
| 51.0             | 5    | 1    |
| 51.5             | S    | 3    |
| 52.0             | 5    | 2    |
| 52.5             | S    | 5    |
| 53.0             | 5    | 3    |
| 53.5             | S    | 7    |
| 54.0             | 5    | 4    |
| 54.5             | S    | 9    |
| 55.0             | 5    | 5    |
| 55.5             | T    | 1    |
| 56.0             | 5    | 6    |
| 56.5             | T    | 3    |
| 57.0             | 5    | 7    |
| 57.5             | T    | 5    |
| 58.0             | 5    | 8    |
| 58.5             | T    | 7    |
| 59.0             | 5    | 9    |
| 59.5             | T    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 60.0             | 6    | 0    |
| 60.5             | U    | 1    |
| 61.0             | 6    | 1    |
| 61.5             | U    | 3    |
| 62.0             | 6    | 2    |
| 62.5             | U    | 5    |
| 63.0             | 6    | 3    |
| 63.5             | U    | 7    |
| 64.0             | 6    | 4    |
| 64.5             | U    | 9    |
| 65.0             | 6    | 5    |
| 65.5             | V    | 1    |
| 66.0             | 6    | 6    |
| 66.5             | V    | 3    |
| 67.0             | 6    | 7    |
| 67.5             | V    | 5    |
| 68.0             | 6    | 8    |
| 68.5             | V    | 7    |
| 69.0             | 6    | 9    |
| 69.5             | V    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 70.0             | 7    | 0    |
| 70.5             | W    | 1    |
| 71.0             | 7    | 1    |
| 71.5             | W    | 3    |
| 72.0             | 7    | 2    |
| 72.5             | W    | 5    |
| 73.0             | 7    | 3    |
| 73.5             | W    | 7    |
| 74.0             | 7    | 4    |
| 74.5             | W    | 9    |
| 75.0             | 7    | 5    |
| 75.5             | X    | 1    |
| 76.0             | 7    | 6    |
| 76.5             | X    | 3    |
| 77.0             | 7    | 7    |
| 77.5             | X    | 5    |
| 78.0             | 7    | 8    |
| 78.5             | X    | 7    |
| 79.0             | 7    | 9    |
| 79.5             | X    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 80.0             | 8    | 0    |
| 80.5             | Y    | 1    |
| 81.0             | 8    | 1    |
| 81.5             | Y    | 3    |
| 82.0             | 8    | 2    |
| 82.5             | Y    | 5    |
| 83.0             | 8    | 3    |
| 83.5             | Y    | 7    |
| 84.0             | 8    | 4    |
| 84.5             | Y    | 9    |
| 85.0             | 8    | 5    |
| 85.5             | Z    | 1    |
| 86.0             | 8    | 6    |
| 86.5             | Z    | 3    |
| 87.0             | 8    | 7    |
| 87.5             | Z    | 5    |
| 88.0             | 8    | 8    |
| 88.5             | Z    | 7    |
| 89.0             | 8    | 9    |
| 89.5             | Z    | 9    |

◆ **Case length (Snap-in type / Screw mount terminal type)**

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 20               | 2    | 0    |
| 21               | 2    | 1    |
| 22               | 2    | 2    |
| 23               | 2    | 3    |
| 24               | 2    | 4    |
| 25               | 2    | 5    |
| 26               | 2    | 6    |
| 27               | 2    | 7    |
| 28               | 2    | 8    |
| 29               | 2    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 30               | 3    | 0    |
| 31               | 3    | 1    |
| 32               | 3    | 2    |
| 33               | 3    | 3    |
| 34               | 3    | 4    |
| 35               | 3    | 5    |
| 36               | 3    | 6    |
| 37               | 3    | 7    |
| 38               | 3    | 8    |
| 39               | 3    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 40               | 4    | 0    |
| 41               | 4    | 1    |
| 42               | 4    | 2    |
| 43               | 4    | 3    |
| 44               | 4    | 4    |
| 45               | 4    | 5    |
| 46               | 4    | 6    |
| 47               | 4    | 7    |
| 48               | 4    | 8    |
| 49               | 4    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 50               | 5    | 0    |
| 51               | 5    | 1    |
| 52               | 5    | 2    |
| 53               | 5    | 3    |
| 54               | 5    | 4    |
| 55               | 5    | 5    |
| 56               | 5    | 6    |
| 57               | 5    | 7    |
| 58               | 5    | 8    |
| 59               | 5    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 60               | 6    | 0    |
| 61               | 6    | 1    |
| 62               | 6    | 2    |
| 63               | 6    | 3    |
| 64               | 6    | 4    |
| 65               | 6    | 5    |
| 66               | 6    | 6    |
| 67               | 6    | 7    |
| 68               | 6    | 8    |
| 69               | 6    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 70               | 7    | 0    |
| 71               | 7    | 1    |
| 72               | 7    | 2    |
| 73               | 7    | 3    |
| 74               | 7    | 4    |
| 75               | 7    | 5    |
| 76               | 7    | 6    |
| 77               | 7    | 7    |
| 78               | 7    | 8    |
| 79               | 7    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 80               | 8    | 0    |
| 81               | 8    | 1    |
| 82               | 8    | 2    |
| 83               | 8    | 3    |
| 84               | 8    | 4    |
| 85               | 8    | 5    |
| 86               | 8    | 6    |
| 87               | 8    | 7    |
| 88               | 8    | 8    |
| 89               | 8    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 90               | 9    | 0    |
| 91               | 9    | 1    |
| 92               | 9    | 2    |
| 93               | 9    | 3    |
| 94               | 9    | 4    |
| 95               | 9    | 5    |
| 96               | 9    | 6    |
| 97               | 9    | 7    |
| 98               | 9    | 8    |
| 99               | 9    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 100              | A    | 0    |
| 101              | A    | 1    |
| 102              | A    | 2    |
| 103              | A    | 3    |
| 104              | A    | 4    |
| 105              | A    | 5    |
| 106              | A    | 6    |
| 107              | A    | 7    |
| 108              | A    | 8    |
| 109              | A    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 110              | B    | 0    |
| 111              | B    | 1    |
| 112              | B    | 2    |
| 113              | B    | 3    |
| 114              | B    | 4    |
| 115              | B    | 5    |
| 116              | B    | 6    |
| 117              | B    | 7    |
| 118              | B    | 8    |
| 119              | B    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 120              | C    | 0    |
| 121              | C    | 1    |
| 122              | C    | 2    |
| 123              | C    | 3    |
| 124              | C    | 4    |
| 125              | C    | 5    |
| 126              | C    | 6    |
| 127              | C    | 7    |
| 128              | C    | 8    |
| 129              | C    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 130              | D    | 0    |
| 131              | D    | 1    |
| 132              | D    | 2    |
| 133              | D    | 3    |
| 134              | D    | 4    |
| 135              | D    | 5    |
| 136              | D    | 6    |
| 137              | D    | 7    |
| 138              | D    | 8    |
| 139              | D    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 140              | E    | 0    |
| 141              | E    | 1    |
| 142              | E    | 2    |
| 143              | E    | 3    |
| 144              | E    | 4    |
| 145              | E    | 5    |
| 146              | E    | 6    |
| 147              | E    | 7    |
| 148              | E    | 8    |
| 149              | E    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 150              | F    | 0    |
| 151              | F    | 1    |
| 152              | F    | 2    |
| 153              | F    | 3    |
| 154              | F    | 4    |
| 155              | F    | 5    |
| 156              | F    | 6    |
| 157              | F    | 7    |
| 158              | F    | 8    |
| 159              | F    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 160              | G    | 0    |
| 161              | G    | 1    |
| 162              | G    | 2    |
| 163              | G    | 3    |
| 164              | G    | 4    |
| 165              | G    | 5    |
| 166              | G    | 6    |
| 167              | G    | 7    |
| 168              | G    | 8    |
| 169              | G    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 170              | H    | 0    |
| 171              | H    | 1    |
| 172              | H    | 2    |
| 173              | H    | 3    |
| 174              | H    | 4    |
| 175              | H    | 5    |
| 176              | H    | 6    |
| 177              | H    | 7    |
| 178              | H    | 8    |
| 179              | H    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 180              | J    | 0    |
| 181              | J    | 1    |
| 182              | J    | 2    |
| 183              | J    | 3    |
| 184              | J    | 4    |
| 185              | J    | 5    |
| 186              | J    | 6    |
| 187              | J    | 7    |
| 188              | J    | 8    |
| 189              | J    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 190              | K    | 0    |
| 191              | K    | 1    |
| 192              | K    | 2    |
| 193              | K    | 3    |
| 194              | K    | 4    |
| 195              | K    | 5    |
| 196              | K    | 6    |
| 197              | K    | 7    |
| 198              | K    | 8    |
| 199              | K    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 200              | L    | 0    |
| 201              | L    | 1    |
| 202              | L    | 2    |
| 203              | L    | 3    |
| 204              | L    | 4    |
| 205              | L    | 5    |
| 206              | L    | 6    |
| 207              | L    | 7    |
| 208              | L    | 8    |
| 209              | L    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 210              | M    | 0    |
| 211              | M    | 1    |
| 212              | M    | 2    |
| 213              | M    | 3    |
| 214              | M    | 4    |
| 215              | M    | 5    |
| 216              | M    | 6    |
| 217              | M    | 7    |
| 218              | M    | 8    |
| 219              | M    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 220              | N    | 0    |
| 221              | N    | 1    |
| 222              | N    | 2    |
| 223              | N    | 3    |
| 224              | N    | 4    |
| 225              | N    | 5    |
| 226              | N    | 6    |
| 227              | N    | 7    |
| 228              | N    | 8    |
| 229              | N    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 230              | P    | 0    |
| 231              | P    | 1    |
| 232              | P    | 2    |
| 233              | P    | 3    |
| 234              | P    | 4    |
| 235              | P    | 5    |
| 236              | P    | 6    |
| 237              | P    | 7    |
| 238              | P    | 8    |
| 239              | P    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 240              | Q    | 0    |
| 241              | Q    | 1    |
| 242              | Q    | 2    |
| 243              | Q    | 3    |
| 244              | Q    | 4    |
| 245              | Q    | 5    |
| 246              | Q    | 6    |
| 247              | Q    | 7    |
| 248              | Q    | 8    |
| 249              | Q    | 9    |

| Case length [mm] | 16th | 17th |
|------------------|------|------|
| 250              | R    | 0    |
| 251              | R    | 1    |
| 252              | R    | 2    |
| 253              | R    | 3    |
| 254              | R    | 4    |
| 255              | R    | 5    |
| 256              | R    | 6    |
| 257              | R    | 7    |
| 258              | R    | 8    |
| 259              | R    | 9    |



# PART NUMBERING SYSTEM

## ◆ Supplement code

**Conductive Polymer Aluminum Solid Capacitors (Chip and Radial lead type)**

**Conductive Polymer Hybrid Aluminum Electrolytic Capacitors (Chip and Radial lead type)**

**Aluminum Electrolytic Capacitors (Chip type)**

|              | Terminal plating material |       |
|--------------|---------------------------|-------|
|              | Sn                        | Sn-Bi |
| Coating case | S                         | G     |

## Aluminum Electrolytic Capacitors (Radial lead and Snap-in type)

|              |              | Terminal plating material |       |
|--------------|--------------|---------------------------|-------|
|              |              | Sn                        | Sn-Bi |
| Outer sleeve | PET          | S                         | D     |
|              | Coating case | H                         | G     |
|              | Polyolefin   | L                         | -     |
|              | PVC          | M                         | -     |

\* Standard design of "environmental friendly" snap-in are not equipped with a plastic disk on the top of the can case. We also produce snap-in type with "Plastic disk, PVC sleeve and Sn terminal plating".

## Aluminum Electrolytic Capacitors (Screw mount terminal type)

| Outer sleeve | Supplement code |
|--------------|-----------------|
| PVC          | U               |
| Polyolefin   | S               |
| PET          | C               |

\* For the screw-mount type, the standard design has a plastic disk on the bottom side.