

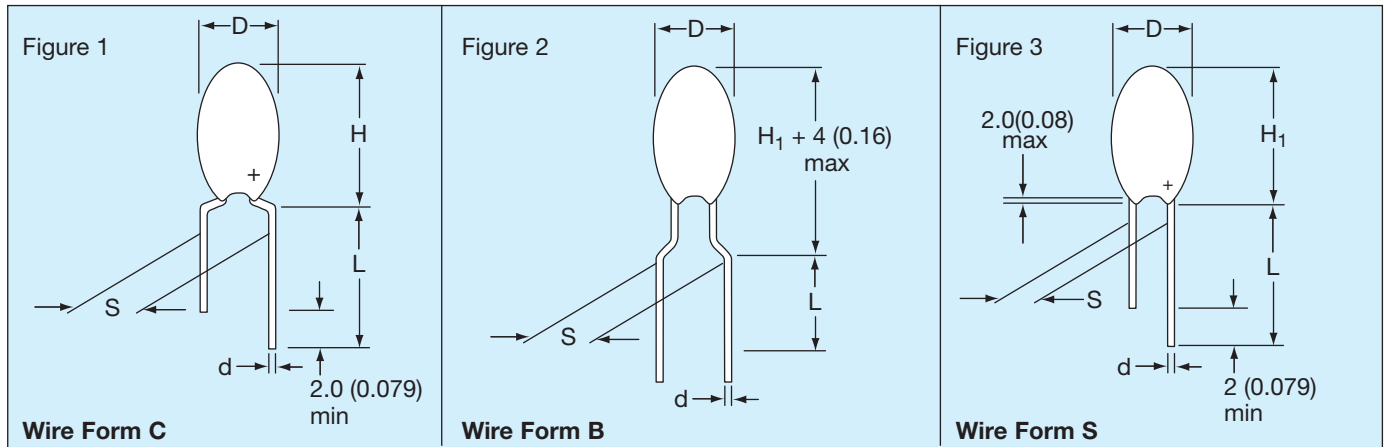
# Dipped Radial Capacitors



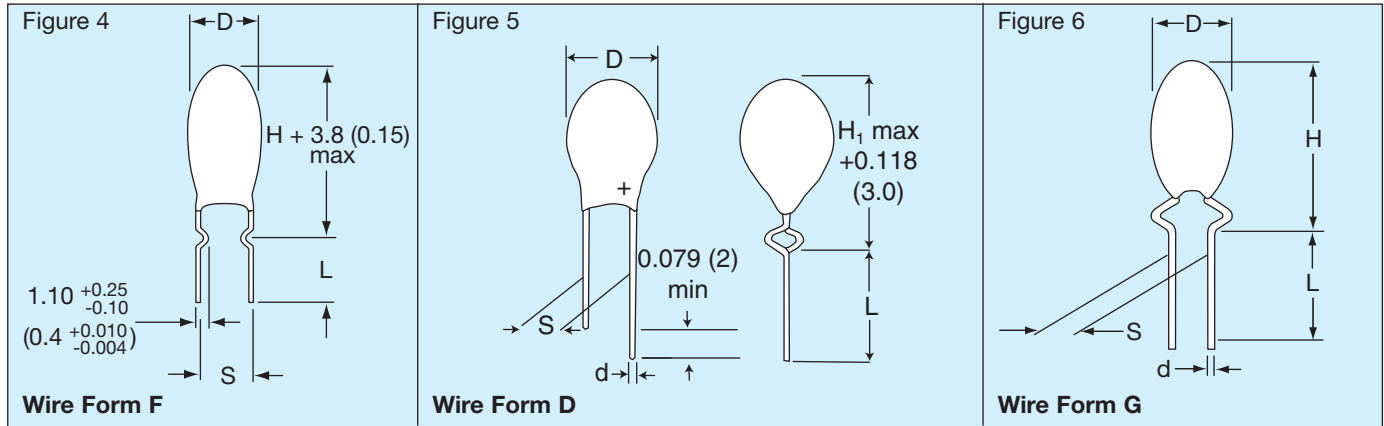
## Wire Form Outline

### SOLID TANTALUM RESIN DIPPED TAP/TEP

#### Preferred Wire Forms



#### Non-Preferred Wire Forms (Not recommended for new designs)



### DIMENSIONS

millimeters (inches)

| Wire Form | Figure | Case Size | L (see note 1) | S | d | Packaging Suffixes Available* |
|-----------|--------|-----------|----------------|---|---|-------------------------------|
|-----------|--------|-----------|----------------|---|---|-------------------------------|

#### Preferred Wire Forms

|   |          |        |                            |                            |                            |  |
|---|----------|--------|----------------------------|----------------------------|----------------------------|--|
| C | Figure 1 | A - R* | 16.0±4.00<br>(0.630±0.160) | 5.00±1.00<br>(0.200±0.040) | 0.50±0.05<br>(0.020±0.002) | CCS Bulk<br>CRW Tape/Reel<br>CRS Tape/Ammo |
| B | Figure 2 | A - J* | 16.0±4.00<br>(0.630±0.160) | 5.00±1.00<br>(0.200±0.040) | 0.50±0.05<br>(0.020±0.002) | BRW Tape/Reel<br>BRS Tape/Ammo             |
| S | Figure 3 | A - J* | 16.0±4.00<br>(0.630±0.160) | 2.50±0.50<br>(0.100±0.020) | 0.50±0.05<br>(0.020±0.002) | SCS Bulk<br>SRW Tape/Reel<br>SRS Tape/Ammo |

#### Non-Preferred Wire Forms (Not recommended for new designs)

|   |                     |        |                            |                            |                            |  |
|---|---------------------|--------|----------------------------|----------------------------|----------------------------|--|
| F | Figure 4            | A - R  | 3.90±0.75<br>(0.155±0.030) | 5.00±0.50<br>(0.200±0.020) | 0.50±0.05<br>(0.020±0.002) | FCS Bulk                                   |
| D | Figure 5            | A - H* | 16.0±4.00<br>(0.630±0.160) | 2.50±0.75<br>(0.100±0.020) | 0.50±0.05<br>(0.020±0.002) | DCS Bulk<br>DTW Tape/Reel<br>DTS Tape/Ammo |
| G | Figure 6            | A - J  | 16.0±4.00<br>(0.630±0.160) | 3.18±0.50<br>(0.125±0.020) | 0.50±0.05<br>(0.020±0.002) | GSB Bulk                                   |
| H | Similar to Figure 1 | A - R  | 16.0±4.00<br>(0.630±0.160) | 6.35±1.00<br>(0.250±0.040) | 0.50±0.05<br>(0.020±0.002) | HSB Bulk                                   |

Notes: (1) Lead lengths can be supplied to tolerances other than those above and should be specified in the ordering information.

(2) For D, H, and H<sub>1</sub> dimensions, refer to individual product on following pages.

\* For case size availability in tape and reel, please refer to pages 199-200.

# Dipped Radial Capacitors



## TAP Series

### SOLID TANTALUM RESIN DIPPED CAPACITORS



TAP is a professional grade device manufactured with a flame retardant coating and featuring low leakage current and impedance, very small physical sizes and exceptional temperature stability. It is designed and conditioned to operate to +125°C (see page 228 for voltage derating above 85°C) and is available loose or taped and reeled for auto insertion. The 15 case sizes with wide capacitance and working voltage ranges means the TAP can accommodate almost any application.



### MAXIMUM CASE DIMENSIONS: millimeters (inches)

| Wire Case | C, F, G, H<br>H | B, S, D<br>*H <sub>1</sub> | D            |
|-----------|-----------------|----------------------------|--------------|
| A         | 8.50 (0.330)    | 7.00 (0.280)               | 4.50 (0.180) |
| B         | 9.00 (0.350)    | 7.50 (0.300)               | 4.50 (0.180) |
| C         | 10.0 (0.390)    | 8.50 (0.330)               | 5.00 (0.200) |
| D         | 10.5 (0.410)    | 9.00 (0.350)               | 5.00 (0.200) |
| E         | 10.5 (0.410)    | 9.00 (0.350)               | 5.50 (0.220) |
| F         | 11.5 (0.450)    | 10.0 (0.390)               | 6.00 (0.240) |
| G         | 11.5 (0.450)    | 10.0 (0.390)               | 6.50 (0.260) |
| H         | 12.0 (0.470)    | 10.5 (0.410)               | 7.00 (0.280) |
| J         | 13.0 (0.510)    | 11.5 (0.450)               | 8.00 (0.310) |
| K         | 14.0 (0.550)    | 12.5 (0.490)               | 8.50 (0.330) |
| L         | 14.0 (0.550)    | 12.5 (0.490)               | 9.00 (0.350) |
| M         | 14.5 (0.570)    | 13.0 (0.510)               | 9.00 (0.350) |
| N         | 16.0 (0.630)    |                            | 9.00 (0.350) |
| P         | 17.0 (0.670)    |                            | 10.0 (0.390) |
| R         | 18.5 (0.730)    |                            | 10.0 (0.390) |

### HOW TO ORDER

**TAP**

Type

**475**

Capacitance Code  
pF code: 1st two digits represent significant figures, 3rd digit represents multiplier (number of zeros to follow)

**M**

Capacitance Tolerance  
K = ±10%  
M = ±20%  
(For J = ±5% tolerance, please consult factory)

**035**

Rated DC Voltage

**SCS**

Suffix indicating wire form and packaging  
(see page 192)



# Dipped Radial Capacitors



## TAP Series

### TECHNICAL SPECIFICATIONS

|                               |   |     |     |    |    |    |    |    |
|-------------------------------|---|-----|-----|----|----|----|----|----|
| Technical Data:               | All technical data relate to an ambient temperature of +25°C                          |     |     |    |    |    |    |    |
| Capacitance Range:            | 0.10 $\mu$ F to 330 $\mu$ F   |     |     |    |    |    |    |    |
| Capacitance Tolerance:        | $\pm$ 20%; $\pm$ 10% ( $\pm$ 5% consult your AVX representative for details)          |     |     |    |    |    |    |    |
| Rated Voltage DC ( $V_R$ )    | $\leq +85^\circ\text{C}$ :  | 6.3 | 10  | 16 | 20 | 25 | 35 | 50 |
| Category Voltage ( $V_C$ )    | $\leq +125^\circ\text{C}$ :   | 4   | 6.3 | 10 | 13 | 16 | 23 | 33 |
| Surge Voltage ( $V_S$ )       | $\leq +85^\circ\text{C}$ :  | 8   | 13  | 20 | 26 | 33 | 46 | 65 |
| Surge Voltage ( $V_S$ )       | $\leq +125^\circ\text{C}$ :   | 5   | 9   | 12 | 16 | 21 | 28 | 40 |
| Temperature Range:            | -55°C to +125°C   |     |     |    |    |    |    |    |
| Environmental Classification: | 55/125/56 (IEC 68-2)  |     |     |    |    |    |    |    |
| Dissipation Factor:           | $\leq$ 0.04 for $C_R$ 0.1-1.5 $\mu$ F   |     |     |    |    |    |    |    |
|                               | $\leq$ 0.06 for $C_R$ 2.2-6.8 $\mu$ F   |     |     |    |    |    |    |    |
|                               | $\leq$ 0.08 for $C_R$ 10-68 $\mu$ F   |     |     |    |    |    |    |    |
|                               | $\leq$ 0.10 for $C_R$ 100-330 $\mu$ F   |     |     |    |    |    |    |    |
| Reliability:                  | 1% per 1000 hrs. at 85°C with 0.1 $\Omega$ /V series impedance, 60% confidence level. |     |     |    |    |    |    |    |
| Qualification:                | CECC 30201 - 032  |     |     |    |    |    |    |    |

### CAPACITANCE AND RATED VOLTAGE RANGE (LETTER DENOTES CASE SIZE)

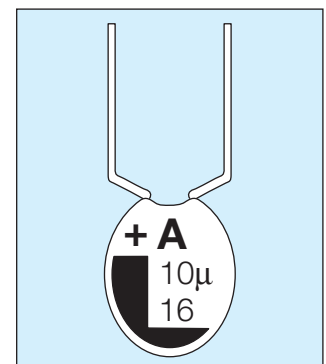
| Capacitance |      | Rated voltage DC ( $V_R$ ) |     |     |     |     |     |     |
|-------------|------|----------------------------|-----|-----|-----|-----|-----|-----|
| $\mu$ F     | Code | 6.3V                       | 10V | 16V | 20V | 25V | 35V | 50V |
| 0.10        | 104  |                            |     |     |     |     | A   | A   |
| 0.15        | 154  |                            |     |     |     |     | A   | A   |
| 0.22        | 224  |                            |     |     |     |     | A   | A   |
| 0.33        | 334  |                            |     |     |     |     | A   | A   |
| 0.47        | 474  |                            |     |     |     |     | A   | A   |
| 0.68        | 684  |                            |     |     |     |     | A   | B   |
| 1.0         | 105  |                            |     |     | A   | A   | A   | C   |
| 1.5         | 155  |                            |     | A   | A   | A   | A   | D   |
| 2.2         | 225  |                            | A   | A   | A   | A   | B   | E   |
| 3.3         | 335  | A                          | A   | A   | B   | B   | C   | F   |
| 4.7         | 475  | A                          | A   | B   | C   | C   | E   | G   |
| 6.8         | 685  | A                          | B   | C   | D   | D   | F   | H   |
| 10          | 106  | B                          | C   | D   | E   | E   | F   | J   |
| 15          | 156  | C                          | D   | E   | F   | F   | H   | K   |
| 22          | 226  | D                          | E   | F   | H   | H   | K   | L   |
| 33          | 336  | E                          | F   | F   | J   | J   | M   |     |
| 47          | 476  | F                          | G   | J   | K   | M   | N   |     |
| 68          | 686  | G                          | H   | L   | N   | N   |     |     |
| 100         | 107  | H                          | K   | N   | N   |     |     |     |
| 150         | 157  | K                          | N   | N   |     |     |     |     |
| 220         | 227  | M                          | P   | R   |     |     |     |     |
| 330         | 337  | P                          | R   |     |     |     |     |     |

Values outside this standard range may be available on request.  
AVX reserves the right to supply capacitors to a higher voltage rating, in the same case size, than that ordered.

### MARKING

Polarity, capacitance, rated DC voltage, and an "A" (AVX logo) are laser marked on the capacitor body which is made of flame retardant gold epoxy resin with a limiting oxygen index in excess of 30 (ASTM-D-2863).

- Polarity
- Capacitance
- Voltage
- AVX logo
- Tolerance code:
  - $\pm$ 20% = Standard (no marking)
  - $\pm$ 10% = "K" on reverse side of unit
  - $\pm$ 5% = "J" on reverse side of unit



# Dipped Radial Capacitors



## TAP Series

### RATINGS AND PART NUMBER REFERENCE

| AVX Part No.                             | Case Size | Capacitance $\mu\text{F}$ | DCL ( $\mu\text{A}$ ) Max. | DF % Max. | ESR Max. ( $\Omega$ ) @ 100 kHz |
|--|-----------|---------------------------|----------------------------|-----------|---------------------------------|
| <b>6.3 volt @ 85°C (4 volt @ 125°C)</b>  |           |                           |                            |           |                                 |
| TAP 335(+006                             | A         | 3.3                       | 0.5                        | 6         | 13.0                            |
| TAP 475(+006                             | A         | 4.7                       | 0.5                        | 6         | 10.0                            |
| TAP 685(+006                             | A         | 6.8                       | 0.5                        | 6         | 8.0                             |
| TAP 106(+006                             | B         | 10                        | 0.5                        | 8         | 6.0                             |
| TAP 156(+006                             | C         | 15                        | 0.8                        | 8         | 5.0                             |
| TAP 226(+006                             | D         | 22                        | 1.1                        | 8         | 3.7                             |
| TAP 336(+006                             | E         | 33                        | 1.7                        | 8         | 3.0                             |
| TAP 476(+006                             | F         | 47                        | 2.4                        | 8         | 2.0                             |
| TAP 686(+006                             | G         | 68                        | 3.4                        | 8         | 1.8                             |
| TAP 107(+006                             | H         | 100                       | 5.0                        | 10        | 1.6                             |
| TAP 157(+006                             | K         | 150                       | 7.6                        | 10        | 0.9                             |
| TAP 227(+006                             | M         | 220                       | 11.0                       | 10        | 0.9                             |
| TAP 337(+006                             | P         | 330                       | 16.6                       | 10        | 0.7                             |
| <b>10 volt @ 85°C (6.3 volt @ 125°C)</b> |           |                           |                            |           |                                 |
| TAP 225(+010                             | A         | 2.2                       | 0.5                        | 6         | 13.0                            |
| TAP 335(+010                             | A         | 3.3                       | 0.5                        | 6         | 10.0                            |
| TAP 475(+010                             | A         | 4.7                       | 0.5                        | 6         | 8.0                             |
| TAP 685(+010                             | B         | 6.8                       | 0.5                        | 6         | 6.0                             |
| TAP 106(+010                             | C         | 10                        | 0.8                        | 8         | 5.0                             |
| TAP 156(+010                             | D         | 15                        | 1.2                        | 8         | 3.7                             |
| TAP 226(+010                             | E         | 22                        | 1.7                        | 8         | 2.7                             |
| TAP 336(+010                             | F         | 33                        | 2.6                        | 8         | 2.1                             |
| TAP 476(+010                             | G         | 47                        | 3.7                        | 8         | 1.7                             |
| TAP 686(+010                             | H         | 68                        | 5.4                        | 8         | 1.3                             |
| TAP 107(+010                             | K         | 100                       | 8.0                        | 10        | 1.0                             |
| TAP 157(+010                             | N         | 150                       | 12.0                       | 10        | 0.8                             |
| TAP 227(+010                             | P         | 220                       | 17.6                       | 10        | 0.6                             |
| TAP 337(+010                             | R         | 330                       | 20.0                       | 10        | 0.5                             |
| <b>16 volt @ 85°C (10 volt @ 125°C)</b>  |           |                           |                            |           |                                 |
| TAP 155(+016                             | A         | 1.5                       | 0.5                        | 4         | 10.0                            |
| TAP 225(+016                             | A         | 2.2                       | 0.5                        | 6         | 8.0                             |
| TAP 335(+016                             | A         | 3.3                       | 0.5                        | 6         | 6.0                             |
| TAP 475(+016                             | B         | 4.7                       | 0.6                        | 6         | 5.0                             |
| TAP 685(+016                             | C         | 6.8                       | 0.8                        | 6         | 4.0                             |
| TAP 106(+016                             | D         | 10                        | 1.2                        | 8         | 3.2                             |
| TAP 156(+016                             | E         | 15                        | 1.9                        | 8         | 2.5                             |
| TAP 226(+016                             | F         | 22                        | 2.8                        | 8         | 2.0                             |
| TAP 336(+016                             | F         | 33                        | 4.2                        | 8         | 1.6                             |
| TAP 476(+016                             | J         | 47                        | 6.0                        | 8         | 1.3                             |
| TAP 686(+016                             | L         | 68                        | 8.7                        | 8         | 1.0                             |
| TAP 107(+016                             | N         | 100                       | 12.8                       | 10        | 0.8                             |
| TAP 157(+016                             | N         | 150                       | 19.2                       | 10        | 0.6                             |
| TAP 227(+016                             | R         | 220                       | 20.0                       | 10        | 0.5                             |
| <b>20 volt @ 85°C (13 volt @ 125°C)</b>  |           |                           |                            |           |                                 |
| TAP 105(+020                             | A         | 1.0                       | 0.5                        | 4         | 10.0                            |
| TAP 155(+020                             | A         | 1.5                       | 0.5                        | 4         | 9.0                             |
| TAP 225(+020                             | A         | 2.2                       | 0.5                        | 6         | 7.0                             |
| TAP 335(+020                             | B         | 3.3                       | 0.5                        | 6         | 5.5                             |
| TAP 475(+020                             | C         | 4.7                       | 0.7                        | 6         | 4.5                             |
| TAP 685(+020                             | D         | 6.8                       | 1.0                        | 6         | 3.6                             |
| TAP 106(+020                             | E         | 10                        | 1.6                        | 8         | 2.9                             |
| TAP 156(+020                             | F         | 15                        | 2.4                        | 8         | 2.3                             |
| TAP 226(+020                             | H         | 22                        | 3.5                        | 8         | 1.8                             |
| TAP 336(+020                             | J         | 33                        | 5.2                        | 8         | 1.4                             |
| TAP 476(+020                             | K         | 47                        | 7.5                        | 8         | 1.2                             |
| TAP 686(+020                             | N         | 68                        | 10.8                       | 8         | 0.9                             |
| TAP 107(+020                             | N         | 100                       | 16.0                       | 10        | 0.6                             |

| AVX Part No.                            | Case Size | Capacitance $\mu\text{F}$ | DCL ( $\mu\text{A}$ ) Max. | DF % Max. | ESR Max. ( $\Omega$ ) @ 100 kHz |
|---|-----------|---------------------------|----------------------------|-----------|---------------------------------|
| <b>25 volt @ 85°C (16 volt @ 125°C)</b> |           |                           |                            |           |                                 |
| TAP 105(+025                            | A         | 1.0                       | 0.5                        | 4         | 10.0                            |
| TAP 155(+025                            | A         | 1.5                       | 0.5                        | 4         | 8.0                             |
| TAP 225(+025                            | A         | 2.2                       | 0.5                        | 6         | 6.0                             |
| TAP 335(+025                            | B         | 3.3                       | 0.6                        | 6         | 5.0                             |
| TAP 475(+025                            | C         | 4.7                       | 0.9                        | 6         | 4.0                             |
| TAP 685(+025                            | D         | 6.8                       | 1.3                        | 6         | 3.1                             |
| TAP 106(+025                            | E         | 10                        | 2.0                        | 8         | 2.5                             |
| TAP 156(+025                            | F         | 15                        | 3.0                        | 8         | 2.0                             |
| TAP 226(+025                            | H         | 22                        | 4.4                        | 8         | 1.5                             |
| TAP 336(+025                            | J         | 33                        | 6.6                        | 8         | 1.2                             |
| TAP 476(+025                            | M         | 47                        | 9.4                        | 8         | 1.0                             |
| TAP 686(+025                            | N         | 68                        | 13.6                       | 8         | 0.8                             |
| <b>35 volt @ 85°C (23 volt @ 125°C)</b> |           |                           |                            |           |                                 |
| TAP 104(+035                            | A         | 0.1                       | 0.5                        | 4         | 26.0                            |
| TAP 154(+035                            | A         | 0.15                      | 0.5                        | 4         | 21.0                            |
| TAP 224(+035                            | A         | 0.22                      | 0.5                        | 4         | 17.0                            |
| TAP 334(+035                            | A         | 0.33                      | 0.5                        | 4         | 15.0                            |
| TAP 474(+035                            | A         | 0.47                      | 0.5                        | 4         | 13.0                            |
| TAP 684(+035                            | A         | 0.68                      | 0.5                        | 4         | 10.0                            |
| TAP 105(+035                            | A         | 1.0                       | 0.5                        | 4         | 8.0                             |
| TAP 155(+035                            | A         | 1.5                       | 0.5                        | 4         | 6.0                             |
| TAP 225(+035                            | B         | 2.2                       | 0.6                        | 6         | 5.0                             |
| TAP 335(+035                            | C         | 3.3                       | 0.9                        | 6         | 4.0                             |
| TAP 475(+035                            | E         | 4.7                       | 1.3                        | 6         | 3.0                             |
| TAP 685(+035                            | F         | 6.8                       | 1.9                        | 6         | 2.5                             |
| TAP 106(+035                            | F         | 10                        | 2.8                        | 8         | 2.0                             |
| TAP 156(+035                            | H         | 15                        | 4.2                        | 8         | 1.6                             |
| TAP 226(+035                            | K         | 22                        | 6.1                        | 8         | 1.3                             |
| TAP 336(+035                            | M         | 33                        | 9.2                        | 8         | 1.0                             |
| TAP 476(+035                            | N         | 47                        | 10.0                       | 8         | 0.8                             |
| <b>50 volt @ 85°C (33 volt @ 125°C)</b> |           |                           |                            |           |                                 |
| TAP 104(+050                            | A         | 0.1                       | 0.5                        | 4         | 26.0                            |
| TAP 154(+050                            | A         | 0.15                      | 0.5                        | 4         | 21.0                            |
| TAP 224(+050                            | A         | 0.22                      | 0.5                        | 4         | 17.0                            |
| TAP 334(+050                            | A         | 0.33                      | 0.5                        | 4         | 15.0                            |
| TAP 474(+050                            | A         | 0.47                      | 0.5                        | 4         | 13.0                            |
| TAP 684(+050                            | B         | 0.68                      | 0.5                        | 4         | 10.0                            |
| TAP 105(+050                            | C         | 1.0                       | 0.5                        | 4         | 8.0                             |
| TAP 155(+050                            | D         | 1.5                       | 0.6                        | 4         | 6.0                             |
| TAP 225(+050                            | E         | 2.2                       | 0.8                        | 6         | 3.5                             |
| TAP 335(+050                            | F         | 3.3                       | 1.3                        | 6         | 3.0                             |
| TAP 475(+050                            | G         | 4.7                       | 1.8                        | 6         | 2.5                             |
| TAP 685(+050                            | H         | 6.8                       | 2.7                        | 6         | 2.0                             |
| TAP 106(+050                            | J         | 10                        | 4.0                        | 8         | 1.6                             |
| TAP 156(+050                            | K         | 15                        | 6.0                        | 8         | 1.2                             |
| TAP 226(+050                            | L         | 22                        | 8.8                        | 8         | 1.0                             |

(\*) Insert capacitance tolerance code; M for  $\pm 20\%$ , K for  $\pm 10\%$  and J for  $\pm 5\%$

NOTE: Voltage ratings are minimum values. AVX reserves the right to supply higher voltage ratings in the same case size.

# Mouser Electronics

Authorized Distributor

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## AVX:

[TAP106K006SCS](#) [TAP106K010SRW](#) [TAP106K016CRW](#) [TAP106K016SRW](#) [TAP106K025CCS](#) [TAP106K025SCS](#)  
[TAP106M035SRS](#) [TAP107K006CCS](#) [TAP107K016CCS](#) [TAP107M010SCS](#) [TAP155K035SCS](#) [TAP156K020SCS](#)  
[TAP156K025SRW](#) [TAP156M020SCS](#) [TAP157K010CCS](#) [TAP225K035GSB](#) [TAP225M025CRW](#) [TAP225M025DCS](#)  
[TAP226K016CRW](#) [TAP226K025SRW](#) [TAP226K035SCS](#) [TAP227K010CRW](#) [TAP336K010CCS](#) [TAP336K010CRW](#)  
[TAP336K016SCS](#) [TAP336K025CRW](#) [TAP474K035SCS](#) [TAP474K050SRW](#) [TAP475K010CRS](#) [TAP475K020CRW](#)  
[TAP475K035CCS](#) [TAP475K035CRW](#) [TAP475K050SCS](#) [TAP476K006CRS](#) [TAP476K006DTW](#) [TAP476K010SCS](#)  
[TAP476K025CCS](#) [TAP476K025SCS](#) [TAP476K035CCS](#) [TAP685J016CRS](#) [TAP685K016CRS](#) [TAP685K016SCS](#)  
[TAP686K006CCS](#) [TAP686K016CCS](#) [TAP686M025CCS](#) [TAP105M020SCS](#) [TAP106K016CCS](#) [TAP106K025CRW](#)  
[TAP106K025SRW](#) [TAP106K035GSB](#) [TAP106K035SCS](#) [TAP106K050CCS](#) [TAP107K010CCS](#) [TAP107M020FCS](#)  
[TAP124K035CRS](#) [TAP155K050SCS](#) [TAP156K025FCS](#) [TAP156K025SCS](#) [TAP224K035SCS](#) [TAP225K016SCS](#)  
[TAP226K016CCS](#) [TAP226K025SCS](#) [TAP335K016SCS](#) [TAP336K010SCS](#) [TAP336K016CCS](#) [TAP336K025CCS](#)  
[TAP336K035CCS](#) [TAP336K035CRW](#) [TAP337K006CCS](#) [TAP685K010SCS](#) [TAP685K025SCS](#) [TAP685K035CRW](#)  
[TAP685K050GSB](#) [TAP685M025SCS](#) [TAP686K025CCS](#) [TAP475K010SCS](#) [TAP475K016CRS](#) [TAP475K016SCS](#)  
[TAP475M035SCS](#) [TAP476K016CRW](#) [TAP476K016SCS](#) [TAP476K035HSB](#) [TAP685K035SCS](#) [TAP685K035SRS](#)  
[TAP685M020SRW](#) [TAP685M035SCS](#) [TAP686K016SCS](#) [TAP105K050SCS](#) [TAP105K050SRW](#) [TAP105M035BRW](#)  
[TAP106J016CRS](#) [TAP106J020SRW](#) [TAP106K016SCS](#) [TAP106K020SCS](#) [TAP106K025SRS](#) [TAP106K035CCS](#)  
[TAP106K035HSB](#) [TAP106K035SRW](#) [TAP107K006CRS](#) [TAP107K006SCS](#)