

## Hermetically Sealed Axial Lead Solid Tantalum Capacitors



The Type TAS solid tantalum axial lead capacitor is constructed with a rugged hermetically sealed metal case with an outer polyester insulator wrap and is ideal for use in the harsh environments of military and industrial applications. The TAS assures a small case size for high capacitance, and is frequency and temperature stable.

### Highlights

- ◆ Hermetically Sealed
- ◆ High Capacitance
- ◆ Low DC Leakage
- ◆ Low Dissipation Factor
- ◆ Temperature and Frequency Stable
- ◆ Moisture & Solvent Resistant
- ◆ Miniature Size
- ◆ Long Shelf Life

### Specifications

**Capacitance Range:** 0.0047  $\mu$ F to 330  $\mu$ F

**Voltage Range:** 6 WVdc to 100 WVdc

**Capacitance Tolerance:**  $\pm$ 10%,  $\pm$ 20%

**Operating Temperature:**  $-55$   $^{\circ}$ C to  $+125$   $^{\circ}$ C (With proper derating)

**Reverse Voltage (Non-continuous):** 15% of rated voltage @  $25$   $^{\circ}$ C  
5% of rated voltage @  $85$   $^{\circ}$ C  
1% of rated voltage @  $125$   $^{\circ}$ C

**DC Leakage:** At  $+25$   $^{\circ}$ C - (See Ratings)  
At  $+85$   $^{\circ}$ C - 10 x Ratings limit  
At  $+125$   $^{\circ}$ C - 12.5 x Ratings limit

**$\Delta$  Capacitance Maximum:**  $-10\%$  @  $-55$   $^{\circ}$ C  
 $+8\%$  @  $+85$   $^{\circ}$ C  
 $+12\%$  @  $+125$   $^{\circ}$ C

**Maximum Power Dissipation @  $25$   $^{\circ}$ C:**

| Case Code | Watts |
|-----------|-------|
| A         | 0.090 |
| C         | 0.100 |
| F         | 0.125 |
| G         | 0.180 |

# Type TAS Solid Tantalum Capacitors

## Outline Drawing



| Case Code | Dimensions - Inches (Millimeters) |                      |                      |                      |              |                      |                   |
|-----------|-----------------------------------|----------------------|----------------------|----------------------|--------------|----------------------|-------------------|
|           | Uninsulated                       |                      | Insulated            |                      | in. (mm)     |                      | Quantity Per Reel |
|           | D<br>±.005<br>(±.13)              | L<br>±.031<br>(±.79) | D<br>±.010<br>(±.25) | L<br>±.031<br>(±.79) | C<br>Maximum | d<br>±.001<br>(±.03) |                   |
| A         | .125(3.18)                        | .250(6.35)           | .135(3.43)           | .286(7.26)           | .422 (10.72) | .020(.51)            | 3,500             |
| C         | .175(4.45)                        | .438(11.13)          | .185(4.70)           | .474(12.04)          | .610(15.49)  | .020(.51)            | 2,500             |
| F         | .279(7.09)                        | .650(16.51)          | .289(7.34)           | .686(17.42)          | .822(20.88)  | .025(.64)            | 500               |
| G         | .341(8.66)                        | .750(19.05)          | .351(8.92)           | .786(19.96)          | .922(23.42)  | .025(.64)            | 400               |

## Part Numbering System

|            |   |                                 |  |           |              |                  |
|------------|---|---------------------------------|--|-----------|--------------|------------------|
| <b>TAS</b> | <b>474</b>  | <b>M</b>                        | <b>035</b>                                   | <b>P</b>  | <b>1</b>     | <b>A</b>         |
| Series     | Capacitance   | Tolerance                       | Voltage                                      | Polar     | Mylar Sleeve | Case Code        |
| TAS        | 472 = 0.0047 μF<br>474 = 0.47 μF<br>105 = 1.0 μF<br>225 = 2.2 μF<br>106 = 10.0 μF | J = ±5%<br>K = ±10%<br>M = ±20% | 006 = 6 Vdc<br>035 = 35 Vdc<br>100 = 100 Vdc | P = Polar | 1            | A<br>C<br>F<br>G |

## Ratings

| Cap (μF)                          | Case Code | Max DCL @ +25 °C (μA) | DF Max @ +25 °C 120 Hz (%) | Catalog Part Number |
|-----------------------------------|-----------|-----------------------|----------------------------|---------------------|
| 6 WVdc @ 85 °C<br>4 WVdc @ 125 °C |           |                       |                            |                     |
| 2.2                               | A         | 0.3                   | 4                          | TAS225K006P1A       |
| 2.7                               | A         | 0.3                   | 4                          | TAS275K006P1A       |
| 3.3                               | A         | 0.3                   | 4                          | TAS335K006P1A       |
| 3.9                               | A         | 0.3                   | 4                          | TAS395K006P1A       |
| 4.7                               | A         | 0.3                   | 4                          | TAS475K006P1A       |
| 5.6                               | A         | 0.3                   | 4                          | TAS565K006P1A       |
| 6.8                               | A         | 0.3                   | 6                          | TAS685K006P1A       |
| 8.2                               | C         | 0.3                   | 6                          | TAS825K006P1C       |
| 10                                | C         | 0.3                   | 6                          | TAS106K006P1C       |
| 12                                | C         | 0.5                   | 6                          | TAS126K006P1C       |
| 15                                | C         | 0.9                   | 6                          | TAS156K006P1C       |
| 18                                | C         | 0.9                   | 6                          | TAS186K006P1C       |
| 22                                | C         | 0.9                   | 6                          | TAS226K006P1C       |
| 27                                | C         | 0.9                   | 6                          | TAS276K006P1C       |
| 33                                | C         | 0.9                   | 6                          | TAS336K006P1C       |
| 39                                | C         | 0.9                   | 6                          | TAS396K006P1C       |
| 47                                | C         | 1.5                   | 6                          | TAS476K006P1C       |
| 56                                | C         | 1.5                   | 6                          | TAS566K006P1C       |
| 68                                | F         | 3.0                   | 6                          | TAS686K006P1F       |
| 100                               | F         | 3.0                   | 6                          | TAS107K006P1F       |
| 120                               | F         | 3.0                   | 6                          | TAS127K006P1F       |
| 150                               | F         | 4.5                   | 6                          | TAS157K006P1F       |
| 180                               | F         | 5.5                   | 6                          | TAS187K006P1F       |
| 220                               | G         | 6.0                   | 8                          | TAS227K006P1G       |
| 270                               | G         | 6.0                   | 8                          | TAS277K006P1G       |
| 330                               | G         | 7.5                   | 8                          | TAS337K006P1G       |

| Cap (μF)                           | Case Code | Max DCL @ +25 °C (μA) | DF Max @ +25 °C 120 Hz (%) | Catalog Part Number |
|------------------------------------|-----------|-----------------------|----------------------------|---------------------|
| 10 WVdc @ 85 °C<br>7 WVdc @ 125 °C |           |                       |                            |                     |
| 1.0                                | A         | 0.3                   | 3                          | TAS105K010P1A       |
| 1.2                                | A         | 0.3                   | 4                          | TAS125K010P1A       |
| 1.5                                | A         | 0.3                   | 4                          | TAS155K010P1A       |
| 1.8                                | A         | 0.3                   | 4                          | TAS185K010P1A       |
| 2.2                                | A         | 0.3                   | 4                          | TAS225K010P1A       |
| 2.7                                | A         | 0.3                   | 4                          | TAS275K010P1A       |
| 3.3                                | A         | 0.3                   | 4                          | TAS335K010P1A       |
| 3.9                                | A         | 0.3                   | 4                          | TAS395K010P1A       |
| 4.7                                | A         | 0.4                   | 4                          | TAS475K010P1A       |
| 5.6                                | C         | 0.4                   | 4                          | TAS565K010P1C       |
| 6.8                                | C         | 1.0                   | 6                          | TAS685K010P1C       |
| 8.2                                | C         | 1.0                   | 6                          | TAS825K010P1C       |
| 10                                 | C         | 1.0                   | 6                          | TAS106K010P1C       |
| 12                                 | C         | 1.0                   | 6                          | TAS126K010P1C       |
| 15                                 | C         | 1.0                   | 6                          | TAS156K010P1C       |
| 18                                 | C         | 1.0                   | 6                          | TAS186K010P1C       |
| 22                                 | C         | 2.0                   | 6                          | TAS226K010P1C       |
| 27                                 | C         | 2.0                   | 6                          | TAS276K010P1C       |
| 33                                 | C         | 2.0                   | 6                          | TAS336K010P1C       |
| 39                                 | C         | 2.0                   | 6                          | TAS396K010P1C       |
| 47                                 | F         | 3.0                   | 6                          | TAS476K010P1F       |
| 56                                 | F         | 3.0                   | 6                          | TAS566K010P1F       |
| 68                                 | F         | 3.0                   | 6                          | TAS686K010P1F       |
| 100                                | F         | 5.0                   | 6                          | TAS107K010P1F       |
| 120                                | F         | 5.0                   | 6                          | TAS127K010P1F       |
| 150                                | G         | 9.0                   | 6                          | TAS157K010P1G       |
| 180                                | G         | 9.0                   | 6                          | TAS187K010P1G       |
| 220                                | G         | 10.0                  | 8                          | TAS227K010P1G       |

# Type TAS Solid Tantalum Capacitors

| Cap<br>( $\mu$ F)                           | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number | Cap<br>( $\mu$ F)                           | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number |
|---|--------------|--------------------------------------|-------------------------------------|------------------------|---|--------------|--------------------------------------|-------------------------------------|------------------------|
| <b>15 WVdc @ 85 °C<br/>10 WVdc @ 125 °C</b> |              |                                      |                                     |                        | <b>20 WVdc @ 85 °C<br/>13 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.39  | A            | 0.3                                  | 3                                   | TAS394K015P1A          | 0.39  | A            | 0.3                                  | 3                                   | TAS394K020P1A          |
| 0.47  | A            | 0.3                                  | 3                                   | TAS474K015P1A          | 0.47  | A            | 0.3                                  | 3                                   | TAS474K020P1A          |
| 0.56  | A            | 0.3                                  | 3                                   | TAS564K015P1A          | 0.56  | A            | 0.3                                  | 3                                   | TAS564K020P1A          |
| 0.68  | A            | 0.3                                  | 3                                   | TAS684K015P1A          | 0.68  | A            | 0.3                                  | 3                                   | TAS684K020P1A          |
| 0.82  | A            | 0.3                                  | 3                                   | TAS824K015P1A          | 0.82  | A            | 0.3                                  | 3                                   | TAS824K020P1A          |
| 1.0   | A            | 0.3                                  | 3                                   | TAS105K015P1A          | 1.0   | A            | 0.3                                  | 3                                   | TAS105K020P1A          |
| 1.2   | A            | 0.3                                  | 4                                   | TAS125K015P1A          | 1.2   | A            | 0.3                                  | 4                                   | TAS125K020P1A          |
| 1.5   | A            | 0.3                                  | 4                                   | TAS155K015P1A          | 1.5   | A            | 0.3                                  | 4                                   | TAS155K020P1A          |
| 1.8   | A            | 0.3                                  | 4                                   | TAS185K015P1A          | 1.8   | A            | 0.3                                  | 4                                   | TAS185K020P1A          |
| 2.2   | A            | 0.3                                  | 4                                   | TAS225K015P1A          | 2.2   | A            | 0.4                                  | 4                                   | TAS225K020P1A          |
| 2.7   | A            | 0.3                                  | 4                                   | TAS275K015P1A          | 2.7   | C            | 0.5                                  | 4                                   | TAS275K020P1C          |
| 3.3   | A            | 0.4                                  | 4                                   | TAS335K015P1A          | 3.3   | C            | 1.0                                  | 4                                   | TAS335K020P1C          |
| 3.9   | C            | 0.4                                  | 4                                   | TAS395K015P1C          | 3.9   | C            | 1.0                                  | 4                                   | TAS395K020P1C          |
| 4.7   | C            | 0.7                                  | 4                                   | TAS475K015P1C          | 4.7   | C            | 1.0                                  | 4                                   | TAS475K020P1C          |
| 5.6   | C            | 0.7                                  | 4                                   | TAS565K015P1C          | 5.6   | C            | 1.0                                  | 4                                   | TAS565K020P1C          |
| 6.8   | C            | 0.7                                  | 6                                   | TAS685K015P1C          | 6.8   | C            | 1.0                                  | 6                                   | TAS685K020P1C          |
| 8.2   | C            | 0.7                                  | 6                                   | TAS825K015P1C          | 8.2   | C            | 1.0                                  | 6                                   | TAS825K020P1C          |
| 10  | C            | 1                                    | 6                                   | TAS106K015P1C          | 10  | C            | 1.0                                  | 6                                   | TAS106K020P1C          |
| 12  | C            | 1                                    | 6                                   | TAS126K015P1C          | 12  | C            | 1.0                                  | 6                                   | TAS126K020P1C          |
| 15  | C            | 2                                    | 6                                   | TAS156K015P1C          | 15  | C            | 2.0                                  | 6                                   | TAS156K020P1C          |
| 18  | C            | 2                                    | 6                                   | TAS186K015P1C          | 18  | F            | 2.0                                  | 6                                   | TAS186K020P1F          |
| 22  | C            | 2                                    | 6                                   | TAS226K015P1C          | 22  | F            | 2.5                                  | 6                                   | TAS226K020P1F          |
| 27  | F            | 3                                    | 6                                   | TAS276K015P1F          | 27  | F            | 2.5                                  | 6                                   | TAS276K020P1F          |
| 33  | F            | 3                                    | 6                                   | TAS336K015P1F          | 33  | F            | 3.0                                  | 6                                   | TAS336K020P1F          |
| 39  | F            | 3                                    | 6                                   | TAS396K015P1F          | 39  | F            | 3.0                                  | 6                                   | TAS396K020P1F          |
| 47  | F            | 4                                    | 6                                   | TAS476K015P1F          | 47  | F            | 4.5                                  | 6                                   | TAS476K020P1F          |
| 56  | F            | 4                                    | 6                                   | TAS566K015P1F          | 56  | G            | 5.5                                  | 6                                   | TAS566K020P1G          |
| 68  | F            | 5                                    | 6                                   | TAS686K015P1F          | 68  | G            | 6.0                                  | 6                                   | TAS686K020P1G          |
| 82  | G            | 6                                    | 6                                   | TAS826K015P1G          | 82  | G            | 6.0                                  | 6                                   | TAS826K020P1G          |
| 100   | G            | 6                                    | 6                                   | TAS107K015P1G          | 100   | G            | 10.0                                 | 6                                   | TAS107K020P1G          |
| 120   | G            | 6                                    | 6                                   | TAS127K015P1G          | <b>35 WVdc @ 85 °C<br/>23 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 150   | G            | 8                                    | 6                                   | TAS157K015P1G          | 0.0047                                      | A            | 0.1                                  | 3                                   | TAS472K035P1A          |
| <b>20 WVdc @ 85 °C<br/>13 WVdc @ 125 °C</b> |              |                                      |                                     |                        | 0.0056                                      | A            | 0.1                                  | 3                                   | TAS562K035P1A          |
| 0.047                                       | A            | 0.1                                  | 3                                   | TAS473K020P1A          | 0.0068                                      | A            | 0.1                                  | 3                                   | TAS682K035P1A          |
| 0.056                                       | A            | 0.1                                  | 3                                   | TAS563K020P1A          | 0.0082                                      | A            | 0.1                                  | 3                                   | TAS822K035P1A          |
| 0.068                                       | A            | 0.1                                  | 3                                   | TAS683K020P1A          | 0.01  | A            | 0.1                                  | 3                                   | TAS103K035P1A          |
| 0.082                                       | A            | 0.1                                  | 3                                   | TAS823K020P1A          | 0.012                                       | A            | 0.1                                  | 3                                   | TAS123K035P1A          |
| 0.10  | A            | 0.3                                  | 3                                   | TAS104K020P1A          | 0.015                                       | A            | 0.1                                  | 3                                   | TAS153K035P1A          |
| 0.12  | A            | 0.3                                  | 3                                   | TAS124K020P1A          | 0.018                                       | A            | 0.1                                  | 3                                   | TAS183K035P1A          |
| 0.15  | A            | 0.3                                  | 3                                   | TAS154K020P1A          | 0.022                                       | A            | 0.1                                  | 3                                   | TAS223K035P1A          |
| 0.18  | A            | 0.3                                  | 3                                   | TAS184K020P1A          | 0.027                                       | A            | 0.1                                  | 3                                   | TAS273K035P1A          |
| 0.22  | A            | 0.3                                  | 3                                   | TAS224K020P1A          |   |              |                                      |                                     |                        |
| 0.27  | A            | 0.3                                  | 3                                   | TAS274K020P1A          |   |              |                                      |                                     |                        |

# Type TAS Solid Tantalum Capacitors

| Cap<br>( $\mu$ F)                           | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number |
|---|--------------|--------------------------------------|-------------------------------------|------------------------|
| <b>35 WVdc @ 85 °C<br/>23 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.033                                       | A            | 0.1                                  | 3                                   | TAS333K035P1A          |
| 0.039                                       | A            | 0.1                                  | 3                                   | TAS393K035P1A          |
| 0.047                                       | A            | 0.1                                  | 3                                   | TAS473K035P1A          |
| 0.056                                       | A            | 0.1                                  | 3                                   | TAS563K035P1A          |
| 0.068                                       | A            | 0.1                                  | 3                                   | TAS683K035P1A          |
| 0.082                                       | A            | 0.1                                  | 3                                   | TAS823K035P1A          |
| 0.10  | A            | 0.5                                  | 3                                   | TAS104K035P1A          |
| 0.12  | A            | 0.5                                  | 3                                   | TAS124K035P1A          |
| 0.15  | A            | 0.5                                  | 3                                   | TAS154K035P1A          |
| 0.18  | A            | 0.5                                  | 3                                   | TAS184K035P1A          |
| 0.22  | A            | 0.5                                  | 3                                   | TAS224K035P1A          |
| 0.27  | A            | 0.5                                  | 3                                   | TAS274K035P1A          |
| 0.39  | A            | 0.5                                  | 3                                   | TAS394K035P1A          |
| 0.47  | A            | 0.5                                  | 3                                   | TAS474K035P1A          |
| 0.56  | A            | 0.5                                  | 3                                   | TAS564K035P1A          |
| 0.68  | A            | 0.5                                  | 3                                   | TAS684K035P1A          |
| 0.82  | A            | 0.5                                  | 3                                   | TAS824K035P1A          |
| 1.0   | A            | 0.5                                  | 3                                   | TAS105K035P1A          |
| 1.2   | C            | 0.5                                  | 4                                   | TAS125K035P1C          |
| 1.5   | C            | 0.5                                  | 4                                   | TAS155K035P1C          |
| 1.8   | C            | 0.5                                  | 4                                   | TAS185K035P1C          |
| 2.2   | C            | 1.0                                  | 4                                   | TAS225K035P1C          |
| 2.7   | C            | 1.0                                  | 4                                   | TAS275K035P1C          |
| 3.3   | C            | 1.0                                  | 4                                   | TAS335K035P1C          |
| 3.9   | C            | 1.0                                  | 4                                   | TAS395K035P1C          |
| 4.7   | C            | 1.0                                  | 4                                   | TAS475K035P1C          |
| 5.6   | C            | 1.0                                  | 4                                   | TAS565K035P1C          |
| 6.8   | C            | 1.5                                  | 4                                   | TAS685K035P1C          |
| 8.2   | F            | 3.0                                  | 4                                   | TAS825K035P1F          |
| 10  | F            | 3.0                                  | 4                                   | TAS106K035P1F          |
| 12  | F            | 3.0                                  | 4                                   | TAS126K035P1F          |
| 15  | F            | 3.0                                  | 4                                   | TAS156K035P1F          |
| 18  | F            | 3.0                                  | 4                                   | TAS186K035P1F          |
| 22  | F            | 4.0                                  | 4                                   | TAS226K035P1F          |
| 27  | G            | 4.5                                  | 4                                   | TAS276K035P1G          |
| 33  | G            | 5.5                                  | 4                                   | TAS336K035P1G          |
| 39  | G            | 6.0                                  | 4                                   | TAS396K035P1G          |
| 47  | G            | 8.0                                  | 4                                   | TAS476K035P1G          |
| <b>50 WVdc @ 85 °C<br/>33 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.0047                                      | A            | 0.1                                  | 2                                   | TAS472K050P1A          |
| 0.0056                                      | A            | 0.1                                  | 2                                   | TAS562K050P1A          |
| 0.0068                                      | A            | 0.1                                  | 2                                   | TAS682K050P1A          |
| 0.0082                                      | A            | 0.1                                  | 2                                   | TAS822K050P1A          |
| 0.01  | A            | 0.1                                  | 2                                   | TAS103K050P1A          |

| Cap<br>( $\mu$ F)                           | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number |
|---|--------------|--------------------------------------|-------------------------------------|------------------------|
| <b>50 WVdc @ 85 °C<br/>33 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.012                                       | A            | 0.1                                  | 2                                   | TAS123K050P1A          |
| 0.015                                       | A            | 0.1                                  | 2                                   | TAS153K050P1A          |
| 0.018                                       | A            | 0.1                                  | 2                                   | TAS183K050P1A          |
| 0.022                                       | A            | 0.1                                  | 2                                   | TAS223K050P1A          |
| 0.027                                       | A            | 0.1                                  | 2                                   | TAS273K050P1A          |
| 0.033                                       | A            | 0.1                                  | 2                                   | TAS333K050P1A          |
| 0.039                                       | A            | 0.1                                  | 2                                   | TAS393K050P1A          |
| 0.047                                       | A            | 0.1                                  | 2                                   | TAS473K050P1A          |
| 0.056                                       | A            | 0.1                                  | 2                                   | TAS563K050P1A          |
| 0.068                                       | A            | 0.1                                  | 2                                   | TAS683K050P1A          |
| 0.082                                       | A            | 0.1                                  | 2                                   | TAS823K050P1A          |
| 0.10  | A            | 0.3                                  | 2                                   | TAS104K050P1A          |
| 0.12  | A            | 0.3                                  | 2                                   | TAS124K050P1A          |
| 0.15  | A            | 0.3                                  | 2                                   | TAS154K050P1A          |
| 0.18  | A            | 0.3                                  | 2                                   | TAS184K050P1A          |
| 0.22  | A            | 0.3                                  | 2                                   | TAS224K050P1A          |
| 0.27  | A            | 0.3                                  | 2                                   | TAS274K050P1A          |
| 0.39  | A            | 0.3                                  | 2                                   | TAS394K050P1A          |
| 0.47  | A            | 0.3                                  | 2                                   | TAS474K050P1A          |
| 0.56  | A            | 0.3                                  | 2                                   | TAS564K050P1A          |
| 0.68  | A            | 0.3                                  | 2                                   | TAS684K050P1A          |
| 0.82  | A            | 0.3                                  | 2                                   | TAS824K050P1A          |
| 1.0   | A            | 0.4                                  | 2                                   | TAS105K050P1A          |
| 1.2   | C            | 0.4                                  | 4                                   | TAS125K050P1C          |
| 1.5   | C            | 0.5                                  | 4                                   | TAS155K050P1C          |
| 1.8   | C            | 0.5                                  | 4                                   | TAS185K050P1C          |
| 2.2   | C            | 0.8                                  | 4                                   | TAS225K050P1C          |
| 2.7   | C            | 0.8                                  | 4                                   | TAS275K050P1C          |
| 3.3   | C            | 1.2                                  | 4                                   | TAS335K050P1C          |
| 3.9   | C            | 1.5                                  | 4                                   | TAS395K050P1C          |
| 4.7   | C            | 1.7                                  | 4                                   | TAS475K050P1C          |
| 5.6   | F            | 2.2                                  | 4                                   | TAS565K050P1F          |
| 6.8   | F            | 2.2                                  | 4                                   | TAS685K050P1F          |
| 8.2   | F            | 2.5                                  | 4                                   | TAS825K050P1F          |
| 10  | F            | 2.5                                  | 4                                   | TAS106K050P1F          |
| 12  | F            | 3.0                                  | 4                                   | TAS126K050P1F          |
| 15  | F            | 4.0                                  | 4                                   | TAS156K050P1F          |
| 18  | F            | 4.5                                  | 4                                   | TAS186K050P1F          |
| 22  | G            | 5.5                                  | 4                                   | TAS226K050P1G          |
| <b>75 WVdc @ 85 °C<br/>50 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.0047                                      | A            | 0.3                                  | 2                                   | TAS472K075P1A          |
| 0.0056                                      | A            | 0.3                                  | 2                                   | TAS562K075P1A          |
| 0.0068                                      | A            | 0.3                                  | 2                                   | TAS682K075P1A          |
| 0.0082                                      | A            | 0.3                                  | 2                                   | TAS822K075P1A          |
| 0.01  | A            | 0.3                                  | 2                                   | TAS103K075P1A          |

# Type TAS Solid Tantalum Capacitors

| Cap<br>( $\mu$ F)                           | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number |
|---|--------------|--------------------------------------|-------------------------------------|------------------------|
| <b>75 WVdc @ 85 °C<br/>50 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.012                                       | A            | 0.3                                  | 2                                   | TAS123K075P1A          |
| 0.015                                       | A            | 0.3                                  | 2                                   | TAS153K075P1A          |
| 0.018                                       | A            | 0.3                                  | 2                                   | TAS183K075P1A          |
| 0.022                                       | A            | 0.3                                  | 2                                   | TAS223K075P1A          |
| 0.027                                       | A            | 0.3                                  | 2                                   | TAS273K075P1A          |
| 0.033                                       | A            | 0.3                                  | 2                                   | TAS333K075P1A          |
| 0.039                                       | A            | 0.3                                  | 2                                   | TAS393K075P1A          |
| 0.047                                       | A            | 0.3                                  | 2                                   | TAS473K075P1A          |
| 0.056                                       | A            | 0.3                                  | 2                                   | TAS563K075P1A          |
| 0.068                                       | A            | 0.3                                  | 2                                   | TAS683K075P1A          |
| 0.082                                       | A            | 0.3                                  | 2                                   | TAS823K075P1A          |
| 0.10  | A            | 0.3                                  | 2                                   | TAS104K075P1A          |
| 0.12  | A            | 0.3                                  | 2                                   | TAS124K075P1A          |
| 0.15  | A            | 0.3                                  | 2                                   | TAS154K075P1A          |
| 0.18  | A            | 0.3                                  | 2                                   | TAS184K075P1A          |
| 0.22  | A            | 0.3                                  | 2                                   | TAS224K075P1A          |
| 0.27  | A            | 0.3                                  | 2                                   | TAS274K075P1A          |
| 0.33  | A            | 0.3                                  | 2                                   | TAS334K075P1A          |
| 0.39  | A            | 0.3                                  | 2                                   | TAS394K075P1A          |
| 0.47  | A            | 0.3                                  | 2                                   | TAS474K075P1A          |
| 0.56  | A            | 0.3                                  | 2                                   | TAS564K075P1A          |
| 0.68  | A            | 0.3                                  | 2                                   | TAS684K075P1A          |
| 0.82  | C            | 0.3                                  | 2                                   | TAS824K075P1C          |
| 1.0   | C            | 0.3                                  | 2                                   | TAS105K075P1C          |
| 1.2   | C            | 0.3                                  | 4                                   | TAS125K075P1C          |
| 1.5   | C            | 0.6                                  | 4                                   | TAS155K075P1C          |
| 1.8   | C            | 0.7                                  | 4                                   | TAS185K075P1C          |
| 2.2   | C            | 0.8                                  | 4                                   | TAS225K075P1C          |
| 2.7   | C            | 1.0                                  | 4                                   | TAS275K075P1C          |
| 3.3   | C            | 1.2                                  | 4                                   | TAS335K075P1C          |
| 3.9   | C            | 1.5                                  | 4                                   | TAS395K075P1C          |
| 4.7   | F            | 3.0                                  | 4                                   | TAS475K075P1F          |
| 5.6   | F            | 3.0                                  | 4                                   | TAS565K075P1F          |
| 6.8   | F            | 5.0                                  | 4                                   | TAS685K075P1F          |
| 8.2   | F            | 5.0                                  | 4                                   | TAS825K075P1F          |
| 10.0  | F            | 5.0                                  | 4                                   | TAS106K075P1F          |
| 12.0  | G            | 5.0                                  | 4                                   | TAS126K075P1G          |
| 15.0  | G            | 7.0                                  | 4                                   | TAS156K075P1G          |

| Cap<br>( $\mu$ F)                            | Case<br>Code | Max<br>DCL<br>@ +25 °C<br>( $\mu$ A) | DF Max<br>@ +25 °C<br>120 Hz<br>(%) | Catalog<br>Part Number |
|--|--------------|--------------------------------------|-------------------------------------|------------------------|
| <b>100 WVdc @ 85 °C<br/>67 WVdc @ 125 °C</b> |              |                                      |                                     |                        |
| 0.0047                                       | A            | 0.3                                  | 2                                   | TAS472K100P1A          |
| 0.0056                                       | A            | 0.3                                  | 2                                   | TAS562K100P1A          |
| 0.0068                                       | A            | 0.3                                  | 2                                   | TAS682K100P1A          |
| 0.0082                                       | A            | 0.3                                  | 2                                   | TAS822K100P1A          |
| 0.010  | A            | 0.3                                  | 2                                   | TAS103K100P1A          |
| 0.012  | A            | 0.3                                  | 2                                   | TAS123K100P1A          |
| 0.015  | A            | 0.3                                  | 2                                   | TAS153K100P1A          |
| 0.018  | A            | 0.3                                  | 2                                   | TAS183K100P1A          |
| 0.022  | A            | 0.3                                  | 2                                   | TAS223K100P1A          |
| 0.027  | A            | 0.3                                  | 2                                   | TAS273K100P1A          |
| 0.033  | A            | 0.3                                  | 2                                   | TAS333K100P1A          |
| 0.039  | A            | 0.3                                  | 2                                   | TAS393K100P1A          |
| 0.047  | A            | 0.3                                  | 2                                   | TAS473K100P1A          |
| 0.056  | A            | 0.3                                  | 2                                   | TAS563K100P1A          |
| 0.068  | A            | 0.3                                  | 2                                   | TAS683K100P1A          |
| 0.082  | A            | 0.3                                  | 2                                   | TAS823K100P1A          |
| 0.10   | A            | 0.3                                  | 2                                   | TAS104K100P1A          |
| 0.12   | A            | 0.3                                  | 2                                   | TAS124K100P1A          |
| 0.15   | A            | 0.3                                  | 2                                   | TAS154K100P1A          |
| 0.18   | A            | 0.3                                  | 2                                   | TAS184K100P1A          |
| 0.22   | A            | 0.3                                  | 2                                   | TAS224K100P1A          |
| 0.27   | A            | 0.3                                  | 2                                   | TAS274K100P1A          |
| 0.33   | A            | 0.3                                  | 2                                   | TAS334K100P1A          |
| 0.39   | A            | 0.3                                  | 2                                   | TAS394K100P1A          |
| 0.47   | A            | 0.3                                  | 2                                   | TAS474K100P1A          |
| 0.56   | A            | 0.3                                  | 2                                   | TAS564K100P1A          |
| 0.68   | C            | 0.3                                  | 2                                   | TAS684K100P1C          |
| 0.82   | C            | 0.4                                  | 2                                   | TAS824K100P1C          |
| 1.0  | C            | 0.5                                  | 2                                   | TAS105K100P1C          |
| 1.2  | C            | 0.5                                  | 3                                   | TAS125K100P1C          |
| 1.5  | C            | 0.7                                  | 3                                   | TAS155K100P1C          |
| 1.8  | C            | 0.7                                  | 3                                   | TAS185K100P1C          |
| 2.2  | C            | 0.9                                  | 3                                   | TAS225K100P1C          |
| 2.7  | C            | 1.1                                  | 3                                   | TAS275K100P1C          |
| 3.3  | F            | 1.5                                  | 3                                   | TAS335K100P1F          |
| 3.9  | F            | 1.5                                  | 3                                   | TAS395K100P1F          |
| 4.7  | F            | 2.5                                  | 3                                   | TAS475K100P1F          |
| 5.6  | F            | 2.5                                  | 3                                   | TAS565K100P1F          |
| 6.8  | F            | 2.5                                  | 3                                   | TAS685K100P1F          |
| 8.2  | G            | 5.0                                  | 3                                   | TAS825K100P1G          |
| 10.0   | G            | 5.0                                  | 3                                   | TAS106K100P1G          |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
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Конструкторский отдел помогает осуществить:

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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