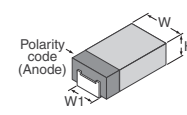
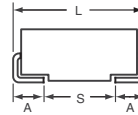


AVX TAJ Series Standard Surface Mount Tantalum Capacitors

The TAJ standard series encompasses the sizes recognized by major OEMs throughout the world. • Temperature Range: -55°C ~ 85°C rated voltage and up to 125°C with voltage derating in applications utilizing recommended series resistance



| Case Size | EIA Code | Dimensions - mm | | | | | |
|-----------|----------|-----------------|------|------|------|------|----------|
| | | L | W | H | W1 | A | S (Min.) |
| A | 3216-18 | 3.20 | 1.60 | 1.60 | 1.20 | 0.80 | 1.10 |
| B | 3528-21 | 3.50 | 2.80 | 1.90 | 2.20 | 0.80 | 1.40 |
| C | 6032-28 | 6.00 | 3.20 | 2.60 | 2.20 | 1.30 | 2.90 |
| D | 7343-31 | 7.30 | 4.30 | 2.90 | 2.40 | 1.30 | 4.40 |
| E | 7343-43 | 7.30 | 4.30 | 4.10 | 2.40 | 1.30 | 4.40 |
| P | 2012-15 | 2.05 | 1.35 | 1.50 | 1.00 | 0.50 | 0.85 |
| R | 2012-12 | 2.05 | 1.30 | 1.20 | 1.00 | 0.50 | 0.85 |

| Case Size | EIA Code | Dimensions - mm | | | | | |
|-----------|----------|-----------------|------|------|------|------|----------|
| | | L | W | H | W1 | A | S (Min.) |
| S | 3216-12 | 3.20 | 1.60 | 1.20 | 1.20 | 0.80 | 1.10 |
| T | 3528-12 | 3.50 | 2.80 | 1.20 | 2.20 | 0.80 | 1.40 |
| V | 7361-38 | 7.30 | 6.10 | 3.45 | 3.10 | 1.40 | 4.40 |
| W | 6032-15 | 6.00 | 3.20 | 1.50 | 2.20 | 1.30 | 2.90 |
| Y | 7343-20 | 7.30 | 4.30 | 2.00 | 2.40 | 1.30 | 4.40 |
| X | 7343-15 | 7.30 | 4.30 | 1.50 | 2.40 | 1.30 | 4.40 |

| Rated Voltage (V) | Capacitance (µF) | Capacitance Tolerance % | Case Size | DF % Maximum | DCL (µA) Maximum | ESR Maximum (mΩ@100kHz) | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape and Reel | | AVX Part No. |
|-------------------|------------------|-------------------------|-----------|--------------|------------------|---------------------------|-------------------|---------------------|------|---------------------------|-------------------|---------------|----------------|----------------|
| | | | | | | | | 1 | 10 | 100 | | Qty. | Pricing | |
| 2.5 | 220 | 10 | B | 16 | 4.4 | 1600 | 478-3269-1-ND† | 1.12 | .98 | .86 | 478-3269-2-ND | 2,000 | 343.38/M | TAJB227K002RNJ |
| | 680 | 10 | C | 18 | 17.0 | 200 | 478-4771-1-ND | 3.49 | 3.04 | 2.66 | 478-4771-2-ND | 500 | 635.14 | TAJC687K002RNJ |
| | 2.2 | 20 | R | 6 | 0.5 | 25000 | 478-3053-1-ND | 1.21 | 1.06 | .93 | 478-3053-2-ND | 2,500 | 411.84/M | TAJR225M004RNJ |
| | 22 | 10 | P | 8 | 0.9 | 5000 | 478-3270-1-ND | 1.35 | 1.18 | 1.03 | 478-3270-2-ND | 2,500 | 411.84/M | TAJP226K004RNJ |
| | 22 | 20 | R | 8 | 0.9 | 3800 | 478-3055-1-ND | 1.21 | 1.06 | .93 | 478-3055-2-ND | 2,500 | 411.84/M | TAJR226M004RNJ |
| | 33 | 10 | A | 6 | 1.3 | 3000 | 478-1665-1-ND† | .56 | .49 | .43 | 478-1665-2-ND | 2,000 | 190.77/M | TAJA336K004RNJ |
| | 47 | 10 | A | 8 | 1.9 | 2600 | 478-1669-1-ND | .56 | .49 | .43 | 478-1669-2-ND | 2,000 | 190.77/M | TAJA476K004RNJ |
| | 47 | 20 | A | 8 | 1.9 | 2600 | 478-3870-1-ND | .56 | .49 | .43 | 478-3870-2-ND | 2,000 | 190.77/M | TAJA476M004RNJ |
| | 68 | 10 | B | 6 | 2.7 | 1800 | 478-2344-1-ND | .73 | .64 | .56 | 478-2344-2-ND | 2,000 | 248.00/M | TAJB686K004RNJ |
| | 100 | 10 | B | 8 | 4 | 900 | 478-1676-1-ND | 1.29 | 1.13 | .99 | 478-1676-2-ND | 2,000 | 438.77/M | TAJB107K004RNJ |
| 4 | 150 | 10 | B | 8 | 6 | 1500 | 478-2345-1-ND | 1.12 | .98 | .86 | 478-2345-2-ND | 2,000 | 381.54/M | TAJB157K004RNJ |
| | 150 | 20 | B | 8 | 6 | 1500 | 478-3878-1-ND | 1.12 | .98 | .86 | 478-3878-2-ND | 2,000 | 381.54/M | TAJB157M004RNJ |
| | 220 | 10 | C | 8 | 8.8 | 1200 | 478-2346-1-ND | 2.64 | 2.30 | 2.01 | 478-2346-2-ND | 500 | 448.30 | TAJC227K004RNJ |
| | 220 | 10 | D | 8 | 8.8 | 900 | 478-3064-1-ND | 2.12 | 1.85 | 1.62 | 478-3064-2-ND | 500 | 386.02 | TAJD227K004RNJ |
| | 330 | 10 | C | 8 | 13.2 | 900 | 478-2347-1-ND | 2.73 | 2.37 | 2.07 | 478-2347-2-ND | 500 | 462.89 | TAJC337K004RNJ |
| | 330 | 10 | D | 8 | 13.2 | 900 | 478-3065-1-ND | 2.42 | 2.11 | 1.85 | 478-3065-2-ND | 500 | 441.01 | TAJD337K004RNJ |
| | 470 | 10 | C | 14 | 18.8 | 300 | 478-4772-1-ND | 3.23 | 2.81 | 2.46 | 478-4772-2-ND | 500 | 587.45 | TAJC477K004RNJ |
| | 470 | 10 | D | 12 | 18.8 | 900 | 478-3066-1-ND | 3.76 | 3.28 | 2.86 | 478-3066-2-ND | 500 | 684.52 | TAJD477K004RNJ |
| | 470 | 10 | E | 10 | 18.8 | 500 | 478-3271-1-ND† | 7.86 | 6.84 | 5.97 | 478-3271-2-ND | 400 | 1029.25 | TAJE477K004RNJ |
| | 680 | 10 | D | 14 | 27.2 | 500 | 478-3067-1-ND | 4.10 | 3.56 | 3.11 | 478-3067-2-ND | 500 | 744.55 | TAJD687K004RNJ |
| 1000 | 10 | E | 14 | 40 | 400 | 478-2348-1-ND† | 12.06 | 10.50 | 9.17 | 478-2348-2-ND | 400 | 1640.60 | TAJE108K004RNJ | |
| 6.3 | 2.2 | 20 | A | 6 | 0.5 | 9000 | 478-3862-1-ND | .50 | .44 | .39 | 478-3862-2-ND | 2,000 | 171.69/M | TAJA225M006RNJ |
| | 2.2 | 20 | S | 6 | 0.5 | 18000 | 478-3966-1-ND | 1.32 | 1.15 | 1.01 | 478-3966-2-ND | 2,500 | 480.29/M | TAJS225M006RNJ |
| | 3.3 | 20 | A | 6 | 0.5 | 6000 | 478-3029-1-ND | .42 | .36 | .32 | 478-3029-2-ND | 2,000 | 140.27/M | TAJA335M006RNJ |
| | 4.7 | 10 | A | 6 | 0.5 | 6000 | 478-3867-1-ND | .43 | .37 | .32 | 478-3867-2-ND | 2,000 | 143.64/M | TAJA475K006RNJ |
| | 4.7 | 20 | A | 6 | 0.5 | 6000 | 478-3031-1-ND | .43 | .37 | .32 | 478-3031-2-ND | 2,000 | 143.64/M | TAJA475M006RNJ |
| | 4.7 | 10 | R | 6 | 0.5 | 700 | 478-3272-1-ND | 1.23 | 1.08 | .94 | 478-3272-2-ND | 2,500 | 378.17/M | TAJR475K006RNJ |
| | 6.8 | 20 | A | 6 | 0.5 | 5000 | 478-3871-1-ND | .50 | .44 | .39 | 478-3871-2-ND | 2,000 | 171.69/M | TAJA685M006RNJ |
| | 6.8 | 20 | B | 6 | 0.7 | 3000 | 478-3045-1-ND | .56 | .49 | .43 | 478-3045-2-ND | 2,000 | 191.89/M | TAJB685M006RNJ |
| | 10 | 10 | A | 6 | 0.6 | 4000 | 478-1653-1-ND | .45 | .40 | .35 | 478-1653-2-ND | 2,000 | 152.62/M | TAJA106K006RNJ |
| | 10 | 20 | A | 6 | 0.6 | 4000 | 478-1656-1-ND | .43 | .37 | .32 | 478-1656-2-ND | 2,000 | 143.64/M | TAJA106M006RNJ |
| 10 | 10 | B | 6 | 0.6 | 3000 | 478-3873-1-ND | .24 | .20 | .18 | 478-3873-2-ND | 2,000 | 78.55/M | TAJB106K006RNJ | |
| 10 | 20 | B | 6 | 0.6 | 3000 | 478-3874-1-ND | .22 | .20 | .18 | 478-3874-2-ND | 2,000 | 76.31/M | TAJB106M006RNJ | |
| 10 | 10 | R | 8 | 0.6 | 6000 | 478-3051-1-ND | 1.21 | 1.06 | .93 | 478-3051-2-ND | 2,500 | 411.84/M | TAJR106M006RNJ | |
| 10 | 10 | R | 8 | 0.6 | 6000 | 478-3273-1-ND | 1.23 | 1.08 | .94 | 478-3273-2-ND | 2,500 | 378.17/M | TAJR106K006RNJ | |
| 10 | 10 | S | 6 | 0.6 | 6000 | 478-3965-1-ND | 1.35 | 1.18 | 1.03 | 478-3965-2-ND | 2,500 | 490.33/M | TAJS106K006RNJ | |
| 15 | 10 | P | 8 | 0.9 | 3500 | 478-3274-1-ND | 1.35 | 1.18 | 1.03 | 478-3274-2-ND | 2,500 | 411.84/M | TAJP156K006RNJ | |
| 15 | 10 | S | 8 | 0.9 | 4000 | 478-3275-1-ND | 1.35 | 1.18 | 1.03 | 478-3275-2-ND | 2,500 | 411.84/M | TAJS156K006RNJ | |
| 15 | 20 | A | 6 | 0.9 | 3500 | 478-3026-1-ND | .50 | .44 | .39 | 478-3026-2-ND | 2,000 | 171.69/M | TAJA156M006RNJ | |
| 22 | 10 | A | 6 | 1.4 | 3000 | 478-3865-1-ND | .19 | .17 | .15 | 478-3865-2-ND | 2,000 | 65.09/M | TAJA226K006RNJ | |
| 22 | 20 | A | 6 | 1.4 | 3000 | 478-3028-1-ND | .57 | .50 | .44 | 478-3028-2-ND | 2,000 | 194.14/M | TAJA226M006RNJ | |
| 22 | 10 | B | 6 | 1.4 | 2500 | 478-1681-1-ND | .59 | .52 | .46 | 478-1681-2-ND | 2,000 | 203.11/M | TAJB226K006RNJ | |
| 22 | 10 | C | 6 | 1.4 | 2000 | 478-3898-1-ND | .35 | .31 | .27 | 478-3898-2-ND | 500 | 63.96 | TAJC226K006RNJ | |
| 22 | 20 | T | 8 | 1.4 | 2500 | 478-3969-1-ND | 1.54 | 1.34 | 1.17 | 478-3969-2-ND | 2,500 | 559.96/M | TAJT226M006RNJ | |
| 33 | 10 | A | 8 | 2.1 | 2500 | 478-1666-1-ND | .71 | .61 | .54 | 478-1666-2-ND | 2,000 | 239.02/M | TAJA336K006RNJ | |
| 33 | 20 | A | 8 | 2.1 | 2500 | 478-1667-1-ND | .71 | .61 | .54 | 478-1667-2-ND | 2,000 | 239.02/M | TAJA336M006RNJ | |
| 47 | 10 | A | 10 | 2.8 | 1600 | 478-5800-1-ND NEW! | .76 | .66 | .58 | 478-5800-2-ND NEW! | 2,000 | 258.10/M | TAJA476K006RNJ | |
| 47 | 10 | B | 6 | 3 | 2000 | 478-1692-1-ND | .73 | .64 | .56 | 478-1692-2-ND | 2,000 | 248.00/M | TAJB476K006RNJ | |
| 47 | 20 | B | 6 | 3 | 2000 | 478-3890-1-ND | .73 | .64 | .56 | 478-3890-2-ND | 2,000 | 248.00/M | TAJB476M006RNJ | |
| 47 | 10 | T | 10 | 2.8 | 1600 | 478-3276-1-ND | 1.57 | 1.37 | 1.20 | 478-3276-2-ND | 2,500 | 480.29/M | TAJT476K006RNJ | |
| 68 | 10 | B | 8 | 4 | 900 | 478-1696-1-ND | .84 | .74 | .64 | 478-1696-2-ND | 2,000 | 286.15/M | TAJB686K006RNJ | |
| 100 | 10 | B | 10 | 6.3 | 1700 | 478-1677-1-ND† | 1.40 | 1.23 | 1.07 | 478-1677-2-ND | 2,000 | 476.92/M | TAJB107K006RNJ | |
| 100 | 20 | B | 10 | 6.3 | 1700 | 478-3877-1-ND | 1.40 | 1.23 | 1.07 | 478-3877-2-ND | 2,000 | 476.92/M | TAJB107M006RNJ | |
| 100 | 10 | C | 6 | 6.3 | 900 | 478-1703-1-ND | 1.35 | 1.18 | 1.03 | 478-1703-2-ND | 500 | 245.19 | TAJC107K006RNJ | |
| 100 | 10 | D | 6 | 6 | 600 | 478-3917-1-ND | 2.19 | 1.91 | 1.67 | 478-3917-2-ND | 500 | 398.37 | TAJD107K006RNJ | |
| 150 | 20 | B | 10 | 9.5 | 1200 | 478-4692-1-ND | 1.83 | 1.59 | 1.39 | 478-4692-2-ND | 2,000 | 620.56/M | TAJB157M006RNJ | |
| 150 | 10 | C | 6 | 9.5 | 1300 | 478-1709-1-ND | 2.19 | 1.91 | 1.67 | 478-1709-2-ND | 500 | 398.37 | TAJC157K006RNJ | |
| 220 | 10 | C | 8 | 13.9 | 1200 | 478-1713-1-ND† | 2.36 | 2.05 | 1.80 | 478-1713-2-ND | 500 | 428.67 | TAJC227K006RNJ | |
| 220 | 20 | D | 8 | 13.9 | 900 | 478-3928-1-ND | 2.92 | 2.54 | 2.22 | 478-3928-2-ND | 500 | 530.22 | TAJD227M006RNJ | |
| 330 | 10 | C | 12 | 19.8 | 500 | 478-4773-1-ND | 3.13 | 2.73 | 2.38 | 478-4773-2-ND | 500 | 570.06 | TAJC337K006RNJ | |
| 330 | 10 | E | 8 | 20.8 | 400 | 478-3955-1-ND | 1.80 | 1.57 | 1.37 | 478-3955-2-ND | 400 | 261.24 | TAJE337K006RNJ | |
| 330 | 20 | E | 8 | 20.8 | 400 | 478-3956-1-ND | 5.72 | 4.98 | 4.35 | 478-3956-2-ND | 400 | 832.64 | TAJE337M006RNJ | |
| 330 | 10 | Y | 8 | 20.8 | 900 | 478-3277-1-ND | 3.37 | 2.93 | 2.56 | 478-3277-2-ND | 1,000 | 1103.08 | TAJY337K006RNJ | |
| 470 | 10 | D | 12 | 28 | 400 | 478-1741-1-ND† | 4.21 | 3.67 | 3.20 | 478-1741-2-ND | 500 | 765.87 | TAJD477K006RNJ | |
| 470 | 20 | D | 12 | 28 | 400 | 478-3940-1-ND | 3.93 | 3.42 | | | | | | |