

TAJ Series



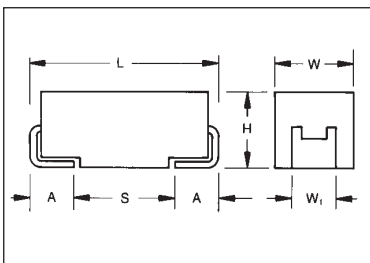
Standard Tantalum



The TAJ standard series encompasses the five key sizes recognized by major OEMs throughout the world. The V case size has been added to the TAJ range to allow high CVs to be offered. The

operational temperature is -55°C to +85°C rated voltage and up to +125°C with voltage derating in applications utilizing recommended series resistance.

CASE DIMENSIONS: millimeters (inches)



For part marking see page 165

| Code | EIA Code | L±0.20 (0.008) | W+0.20 (0.008) -0.10 (0.004) | H+0.20 (0.008) -0.10 (0.004) | W ₁ ±0.20 (0.008) | A+0.30 (0.012) -0.20 (0.008) | S Min. |
|------|----------|----------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|--------------|
| A | 3216-18 | 3.20 (0.126) | 1.60 (0.063) | 1.60 (0.063) | 1.20 (0.047) | 0.80 (0.031) | 1.10 (0.043) |
| B | 3528-21 | 3.50 (0.138) | 2.80 (0.110) | 1.90 (0.075) | 2.20 (0.087) | 0.80 (0.031) | 1.40 (0.055) |
| C | 6032-28 | 6.00 (0.236) | 3.20 (0.126) | 2.60 (0.102) | 2.20 (0.087) | 1.30 (0.051) | 2.90 (0.114) |
| D | 7343-31 | 7.30 (0.287) | 4.30 (0.169) | 2.90 (0.114) | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |
| E | 7343-43 | 7.30 (0.287) | 4.30 (0.169) | 4.10 (0.162) | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |
| V | 7361-38 | 7.30 (0.287) | 6.10 (0.240) | 3.45±0.30 (0.136±0.012) | 3.10 (0.120) | 1.40 (0.055) | 4.40 (0.173) |

W₁ dimension applies to the termination width for A dimensional area only.

HOW TO ORDER

TAJ

Type

C

Case Size
See table above

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

M

Tolerance
K=±10%
M=±20%

035

Rated DC Voltage
002=2.5Vdc
004=4Vdc
006=6.3Vdc
010=10Vdc
016=16Vdc
020=20Vdc
025=25Vdc
035=35Vdc
050=50Vdc

R

Packaging

R = 7" T/R
(Lead Free since production date 1/1/04)
S = 13" T/R
(Lead Free since production date 1/1/04)
A = Gold Plating 7" Reel
B = Gold Plating 13" Reel
H = Tin Lead 7" Reel
K = Tin Lead 13" Reel

Additional characters may be added for special requirements

TECHNICAL SPECIFICATIONS

| | | | | | | | | | | |
|------------------------------------|--|-----|-----|-----|----|----|----|----|----|----|
| Technical Data: | All technical data relate to an ambient temperature of +25°C | | | | | | | | | |
| Capacitance Range: | 0.1 μF to 2200 μF | | | | | | | | | |
| Capacitance Tolerance: | ±10%; ±20% | | | | | | | | | |
| Rated Voltage (V _R) | ≧ +85°C: | 2.5 | 4 | 6.3 | 10 | 16 | 20 | 25 | 35 | 50 |
| Category Voltage (V _C) | ≧ +125°C: | 1.7 | 2.7 | 4 | 7 | 10 | 13 | 17 | 23 | 33 |
| Surge Voltage (V _S) | ≧ +85°C: | 3.3 | 5.2 | 8 | 13 | 20 | 26 | 32 | 46 | 65 |
| Surge Voltage (V _S) | ≧ +125°C: | 2.2 | 3.4 | 5 | 8 | 13 | 16 | 20 | 28 | 40 |
| Temperature Range: | -55°C to +125°C | | | | | | | | | |
| Reliability: | 1% per 1000 hours at 85°C, V _R with 0.1Ω/V series impedance, 60% confidence level | | | | | | | | | |
| Qualification: | CECC 30801 - 005 issue 2 EIA 535BAAC | | | | | | | | | |
| | Meets requirements of AEC-Q200 | | | | | | | | | |



CAPACITANCE AND RATED VOLTAGE, V_R (VOLTAGE CODE) RANGE (LETTER DENOTES CASE SIZE)

| Capacitance | | Rated voltage DC (V_R) to 85°C | | | | | | | | |
|---------------|------|------------------------------------|-----------------------|-----------------------|-------------------------|-----------------------|---------|---------|------------------|-----------------------|
| μF | Code | 2.5V (e) | 4V (G) | 6.3V (J) | 10V (A) | 16V (C) | 20V (D) | 25V (E) | 35V (V) | 50V (T) |
| 0.10 | 104 | | | | | | | | A | A |
| 0.15 | 154 | | | | | | | | A | A/B |
| 0.22 | 224 | | | | | | | | A | A/B |
| 0.33 | 334 | | | | | | | | A | B |
| 0.47 | 474 | | | | | | | A | A/B | A/B/C |
| 0.68 | 684 | | | | | | A | A | A/B | A/B/C |
| 1.0 | 105 | | | | | A | A | A | A/B | A ^(M) /B/C |
| 1.5 | 155 | | | | A | A | A | A/B | A/B/C | C/D |
| 2.2 | 225 | | | A | A | A/B | A/B | A/B | A/B/C | C/D |
| 3.3 | 335 | | | A | A | A/B | A/B | A/B/C | B/C | C/D |
| 4.7 | 475 | | A | A | A/B | A/B | A/B/C | A/B/C | B/C/D | D |
| 6.8 | 685 | | A | A/B | A/B | A/B/C | A/B/C | B/C | C/D | D |
| 10 | 106 | | A | A/B | A/B/C | A/B/C | B/C | C/D | C/D/E | D/E/V |
| 15 | 156 | | A/B | A/B | A/B/C | A ^(M) /B/C | B/C/D | C/D | C/D | D/E/V |
| 22 | 226 | | A | A/B/C | A/B/C | B/C/D | B/C/D | C/D | D/E | V |
| 33 | 336 | A | A/B | A/B/C | A/B/C/D | B/C/D | C/D | D/E | D/E/V | |
| 47 | 476 | A | A/B | A/B/C/D | B/C/D | C/D | C/D/E | D/E | E/V | |
| 68 | 686 | A | A/B/C | B/C/D | B/C/D | C/D | D/E | E/V | V ^(M) | |
| 100 | 107 | A/B | A/B/C | B/C/D | B ^(M) /C/D/E | D/E | D/E/V | V | | |
| 150 | 157 | B | B/C | B ^(M) /C/D | C/D/E | D/E/V | E/V | | | |
| 220 | 227 | B/D | B ^(M) /C/D | C/D/E | D/E | D/E/V | D/E/V | | | |
| 330 | 337 | D | C/D/E | C/D/E | D/E/V | E/V | E/V | | | |
| 470 | 477 | C/D | D/E | D/E/V | E/V | V | | | | |
| 680 | 687 | D/E | D/E | E/V | V | | | | | |
| 1000 | 108 | D ^(M) /E | D/E/V | V ^(M) | | | | | | |
| 1500 | 158 | D/E/V | E/V ^(M) | | | | | | | |
| 2200 | 228 | V ^(M) | | | | | | | | |

Non preferred Ratings - not recommended for new designs, higher voltage or smaller case size substitution are offered.

Developmental Ratings - subject to change.

Released codes ^(M tolerance only)

Note: Voltage ratings are minimum values. AVX reserves the right to supply higher ratings in the same case size, to the same reliability standards.

RATINGS & PART NUMBER REFERENCE

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage (V) | DCL (µA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| TAJA476*002# | A | 47 | 2.5 | 0.9 | 6 | 3 |
| TAJA686*002# | A | 68 | 2.5 | 1.4 | 8 | 1.5 |
| TAJA107*002# | A | 100 | 2.5 | 2.5 | 30 | 1.4 |
| TAJB107*002# | B | 100 | 2.5 | 2.5 | 8 | 1.4 |
| TAJB157*002# | B | 150 | 2.5 | 3 | 10 | 1.6 |
| TAJB227*002# | B | 220 | 2.5 | 4.4 | 16 | 1.6 |
| TAJD227*002# | D | 220 | 2.5 | 5.5 | 8 | 0.3 |
| TAJD337*002# | D | 330 | 2.5 | 8.2 | 8 | 0.3 |
| TAJC477*002# | C | 470 | 2.5 | 9.4 | 12 | 0.2 |
| TAJD477*002# | D | 470 | 2.5 | 11.6 | 8 | 0.2 |
| TAJD687*002# | D | 680 | 2.5 | 17 | 16 | 0.2 |
| TAJE687*002# | E | 680 | 2.5 | 17 | 10 | 0.2 |
| TAJD108M002# | D | 1000 | 2.5 | 25 | 20 | 0.2 |
| TAJE108*002# | E | 1000 | 2.5 | 20 | 14 | 0.4 |
| TAJD158*002# | D | 1500 | 2.5 | 37.5 | 60 | 0.2 |
| TAJE158*002# | E | 1500 | 2.5 | 37 | 20 | 0.2 |
| TAJV158*002# | V | 1500 | 2.5 | 30 | 20 | 0.2 |
| TAJV228*002# | V | 2200 | 2.5 | 55 | 50 | 0.2 |
| TAJA336*004# | A | 33 | 4 | 1.3 | 6 | 3 |
| TAJA476*004# | A | 47 | 4 | 1.9 | 8 | 2.6 |
| TAJA686*004# | A | 68 | 4 | 2.7 | 10 | 1.5 |
| TAJB686*004# | B | 68 | 4 | 2.7 | 6 | 1.8 |
| TAJA107*004# | A | 100 | 4 | 4 | 30 | 1.4 |
| TAJB107*004# | B | 100 | 4 | 4 | 8 | 0.9 |
| TAJB157*004# | B | 150 | 4 | 6 | 10 | 1.5 |
| TAJC157*004# | C | 150 | 4 | 6 | 6 | 0.3 |
| TAJB227M004# | B | 220 | 4 | 8.8 | 12 | 1.1 |
| TAJC227*004# | C | 220 | 4 | 8.8 | 8 | 1.2 |
| TAJD227*004# | D | 220 | 4 | 8.8 | 8 | 0.9 |
| TAJC337*004# | C | 330 | 4 | 13.2 | 8 | 0.9 |
| TAJD337*004# | D | 330 | 4 | 13.2 | 8 | 0.9 |
| TAJD477*004# | D | 470 | 4 | 18.8 | 12 | 0.9 |
| TAJE477*004# | E | 470 | 4 | 18.8 | 10 | 0.5 |
| TAJD687*004# | D | 680 | 4 | 27.2 | 14 | 0.5 |
| TAJE687*004# | E | 680 | 4 | 27.2 | 14 | 0.9 |
| TAJD108*004# | D | 1000 | 4 | 40 | 60 | 0.2 |
| TAJE108*004# | E | 1000 | 4 | 40 | 14 | 0.4 |
| TAJV108*004# | V | 1000 | 4 | 40 | 16 | 0.4 |
| TAJE158*004# | E | 1500 | 4 | 60 | 30 | 0.2 |
| TAJV158M004# | V | 1500 | 4 | 60 | 30 | 0.2 |
| TAJA106*006# | A | 10 | 6.3 | 0.6 | 6 | 4 |
| TAJA156*006# | A | 15 | 6.3 | 0.9 | 6 | 3.5 |
| TAJA226*006# | A | 22 | 6.3 | 1.4 | 6 | 3 |
| TAJA336*006# | A | 33 | 6.3 | 2.1 | 8 | 2.5 |
| TAJA476*006# | A | 47 | 6.3 | 2.8 | 10 | 1.6 |
| TAJB476*006# | B | 47 | 6.3 | 3 | 6 | 2 |
| TAJC476*006# | C | 47 | 6.3 | 3 | 6 | 1.6 |
| TAJB686*006# | B | 68 | 6.3 | 4 | 8 | 0.9 |
| TAJC686*006# | C | 68 | 6.3 | 4.3 | 6 | 1.5 |
| TAJB107*006# | B | 100 | 6.3 | 6.3 | 10 | 1.7 |
| TAJC107*006# | C | 100 | 6.3 | 6.3 | 6 | 0.9 |
| TAJB157M006# | B | 150 | 6.3 | 9.5 | 10 | 1.2 |
| TAJC157*006# | C | 150 | 6.3 | 9.5 | 6 | 1.3 |
| TAJD157*006# | D | 150 | 6.3 | 9.5 | 6 | 0.9 |
| TAJC227*006# | C | 220 | 6.3 | 13.9 | 8 | 1.2 |
| TAJD227*006# | D | 220 | 6.3 | 13.9 | 8 | 0.9 |
| TAJE227*006# | E | 220 | 6.3 | 13.9 | 8 | 0.9 |
| TAJD337*006# | D | 330 | 6.3 | 20.8 | 8 | 0.9 |
| TAJE337*006# | E | 330 | 6.3 | 20.8 | 8 | 0.9 |
| TAJD477*006# | D | 470 | 6.3 | 28 | 12 | 0.4 |
| TAJE477*006# | E | 470 | 6.3 | 28 | 10 | 0.4 |

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage (V) | DCL (µA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| TAJV477*006# | V | 470 | 6.3 | 28 | 10 | 0.4 |
| TAJE687*006# | E | 680 | 6.3 | 42.8 | 10 | 0.5 |
| TAJV687*006# | V | 680 | 6.3 | 42.8 | 10 | 0.5 |
| TAJV108M006# | V | 1000 | 6.3 | 63 | 16 | 0.4 |
| TAJA475*010# | A | 4.7 | 10 | 0.5 | 6 | 5 |
| TAJA685*010# | A | 6.8 | 10 | 0.7 | 6 | 4 |
| TAJA106*010# | A | 10 | 10 | 1 | 6 | 3 |
| TAJA156*010# | A | 15 | 10 | 1.5 | 6 | 3.2 |
| TAJB156*010# | B | 15 | 10 | 1.5 | 6 | 2.8 |
| TAJA226*010# | A | 22 | 10 | 2.2 | 8 | 3 |
| TAJB226*010# | B | 22 | 10 | 2.2 | 6 | 2.4 |
| TAJA336*010# | A | 33 | 10 | 3.3 | 8 | 1.7 |
| TAJB336*010# | B | 33 | 10 | 3.3 | 6 | 1.8 |
| TAJC336*010# | C | 33 | 10 | 3.3 | 6 | 1.6 |
| TAJB476*010# | B | 47 | 10 | 4.7 | 8 | 1 |
| TAJC476*010# | C | 47 | 10 | 4.7 | 6 | 1.2 |
| TAJB686*010# | B | 68 | 10 | 6.8 | 6 | 1.4 |
| TAJC686*010# | C | 68 | 10 | 6.8 | 6 | 1.3 |
| TAJB107M010# | B | 100 | 10 | 10 | 8 | 1.4 |
| TAJC107*010# | C | 100 | 10 | 10 | 8 | 1.2 |
| TAJD107*010# | D | 100 | 10 | 10 | 6 | 0.9 |
| TAJC157*010# | C | 150 | 10 | 15 | 8 | 0.9 |
| TAJD157*010# | D | 150 | 10 | 15 | 8 | 0.9 |
| TAJE157*010# | E | 150 | 10 | 15 | 8 | 0.9 |
| TAJD227*010# | D | 220 | 10 | 22 | 8 | 0.5 |
| TAJE227*010# | E | 220 | 10 | 22 | 8 | 0.5 |
| TAJD337*010# | D | 330 | 10 | 33 | 8 | 0.9 |
| TAJE337*010# | E | 330 | 10 | 33 | 8 | 0.9 |
| TAJV337*010# | V | 330 | 10 | 33 | 10 | 0.9 |
| TAJE477*010# | E | 470 | 10 | 47 | 10 | 0.5 |
| TAJV477*010# | V | 470 | 10 | 47 | 10 | 0.5 |
| TAJA225*016# | A | 2.2 | 16 | 0.5 | 6 | 6.5 |
| TAJA335*016# | A | 3.3 | 16 | 0.5 | 6 | 5 |
| TAJB335*016# | B | 3.3 | 16 | 0.5 | 6 | 4.5 |
| TAJA475*016# | A | 4.7 | 16 | 0.8 | 6 | 4 |
| TAJB475*016# | B | 4.7 | 16 | 0.8 | 6 | 3.5 |
| TAJA685*016# | A | 6.8 | 16 | 1.1 | 6 | 3.5 |
| TAJB685*016# | B | 6.8 | 16 | 1.1 | 6 | 2.5 |
| TAJA106*016# | A | 10 | 16 | 1.6 | 8 | 3 |
| TAJB106*016# | B | 10 | 16 | 1.6 | 6 | 2.8 |
| TAJC106*016# | C | 10 | 16 | 1.6 | 6 | 2 |
| TAJA156M016# | A | 15 | 16 | 2.4 | 6 | 2 |
| TAJB156*016# | B | 15 | 16 | 2.4 | 6 | 2.5 |
| TAJC156*016# | C | 15 | 16 | 2.4 | 6 | 1.8 |
| TAJB226*016# | B | 22 | 16 | 3.5 | 6 | 2.3 |
| TAJC226*016# | C | 22 | 16 | 3.5 | 6 | 1.6 |
| TAJD226*016# | D | 22 | 16 | 3.5 | 6 | 1.1 |
| TAJB336*016# | B | 33 | 16 | 5.3 | 8 | 2.1 |
| TAJC336*016# | C | 33 | 16 | 5.3 | 6 | 1.5 |
| TAJD336*016# | D | 33 | 16 | 5.3 | 6 | 0.9 |
| TAJC476*016# | C | 47 | 16 | 7.5 | 6 | 1.4 |
| TAJD476*016# | D | 47 | 16 | 7.5 | 6 | 0.9 |
| TAJC686*016# | C | 68 | 16 | 10.9 | 6 | 1.3 |
| TAJD686*016# | D | 68 | 16 | 10.9 | 6 | 0.9 |
| TAJD107*016# | D | 100 | 16 | 16 | 6 | 0.9 |
| TAJE107*016# | E | 100 | 16 | 16 | 6 | 0.9 |
| TAJD157*016# | D | 150 | 16 | 24 | 6 | 0.9 |
| TAJE157*016# | E | 150 | 16 | 24 | 8 | 0.3 |
| TAJV157*016# | V | 150 | 16 | 24 | 8 | 0.5 |
| TAJE227*016# | E | 220 | 16 | 35.2 | 10 | 0.5 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

* Insert K for ±10% and M for ±20% Capacitance Tolerance

Standard Plating – Insert R for 7" reel and S for 13" reel
 # Gold Plating – Insert A for 7" reel and B for 13" reel
 # Tin Lead Plating – Insert H for 7" reel and K for 13" reel

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.

RATINGS & PART NUMBER REFERENCE

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage (V) | DCL (µA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| TAJV227*016# | V | 220 | 16 | 35.2 | 8 | 0.9 |
| TAJA105*020# | A | 1 | 20 | 0.5 | 4 | 9 |
| TAJA155*020# | A | 1.5 | 20 | 0.5 | 6 | 6.5 |
| TAJA225*020# | A | 2.2 | 20 | 0.5 | 6 | 5.3 |
| TAJB225*020# | B | 2.2 | 20 | 0.5 | 6 | 3.5 |
| TAJA335*020# | A | 3.3 | 20 | 0.7 | 6 | 4.5 |
| TAJB335*020# | B | 3.3 | 20 | 0.7 | 6 | 3 |
| TAJA475*020# | A | 4.7 | 20 | 0.9 | 6 | 4 |
| TAJB475*020# | B | 4.7 | 20 | 0.9 | 6 | 3 |
| TAJA685*020# | A | 6.8 | 20 | 1.4 | 6 | 2.5 |
| TAJB685*020# | B | 6.8 | 20 | 1.4 | 6 | 2.5 |
| TAJC685*020# | C | 6.8 | 20 | 1.4 | 6 | 2 |
| TAJB106*020# | B | 10 | 20 | 2 | 6 | 2.1 |
| TAJC106*020# | C | 10 | 20 | 2 | 6 | 1.2 |
| TAJB156*020# | B | 15 | 20 | 3 | 6 | 2 |
| TAJC156*020# | C | 15 | 20 | 3 | 6 | 1.7 |
| TAJB226*020# | B | 22 | 20 | 4.4 | 6 | 1.8 |
| TAJC226*020# | C | 22 | 20 | 4.4 | 6 | 1.6 |
| TAJD226*020# | D | 22 | 20 | 4.4 | 6 | 0.9 |
| TAJC336*020# | C | 33 | 20 | 6.6 | 6 | 1.5 |
| TAJD336*020# | D | 33 | 20 | 6.6 | 6 | 0.9 |
| TAJC476*020# | C | 47 | 20 | 9.4 | 6 | 0.9 |
| TAJD476*020# | D | 47 | 20 | 9.4 | 6 | 0.9 |
| TAJE476*020# | E | 47 | 20 | 9.4 | 6 | 0.9 |
| TAJD686*020# | D | 68 | 20 | 13.6 | 6 | 0.9 |
| TAJE686*020# | E | 68 | 20 | 13.6 | 6 | 0.9 |
| TAJD107*020# | D | 100 | 20 | 20 | 6 | 0.9 |
| TAJE107*020# | E | 100 | 20 | 20 | 6 | 0.4 |
| TAJV107*020# | V | 100 | 20 | 20 | 8 | 0.9 |
| TAJE157*020# | E | 150 | 20 | 30 | 8 | 0.3 |
| TAJV157*020# | V | 150 | 20 | 30 | 8 | 0.5 |
| TAJA474*025# | A | 0.47 | 25 | 0.5 | 4 | 14 |
| TAJA684*025# | A | 0.68 | 25 | 0.5 | 4 | 10 |
| TAJA105*025# | A | 1 | 25 | 0.5 | 4 | 8 |
| TAJA155*025# | A | 1.5 | 25 | 0.5 | 6 | 7.5 |
| TAJB155*025# | B | 1.5 | 25 | 0.5 | 6 | 5 |
| TAJA225*025# | A | 2.2 | 25 | 0.6 | 6 | 7 |
| TAJB225*025# | B | 2.2 | 25 | 0.6 | 6 | 4.5 |
| TAJA335*025# | A | 3.3 | 25 | 0.8 | 6 | 3.7 |
| TAJB335*025# | B | 3.3 | 25 | 0.8 | 6 | 3.5 |
| TAJA475*025# | A | 4.7 | 25 | 1.2 | 6 | 3.1 |
| TAJB475*025# | B | 4.7 | 25 | 1.2 | 6 | 2.8 |
| TAJB685*025# | B | 6.8 | 25 | 1.7 | 6 | 2.8 |
| TAJC685*025# | C | 6.8 | 25 | 1.7 | 6 | 2 |
| TAJC106*025# | C | 10 | 25 | 2.5 | 6 | 1.8 |
| TAJD106*025# | D | 10 | 25 | 2.5 | 6 | 1.2 |
| TAJC156*025# | C | 15 | 25 | 3.8 | 6 | 1.6 |
| TAJD156*025# | D | 15 | 25 | 3.8 | 6 | 1 |
| TAJC226*025# | C | 22 | 25 | 5.5 | 6 | 1.4 |
| TAJD226*025# | D | 22 | 25 | 5.5 | 6 | 0.9 |
| TAJD336*025# | D | 33 | 25 | 8.3 | 6 | 0.9 |
| TAJE336*025# | E | 33 | 25 | 8.3 | 6 | 0.9 |
| TAJD476*025# | D | 47 | 25 | 11.8 | 6 | 0.9 |
| TAJE476*025# | E | 47 | 25 | 11.8 | 6 | 0.9 |
| TAJE686*025# | E | 68 | 25 | 17 | 6 | 0.9 |
| TAJV686*025# | V | 68 | 25 | 17 | 6 | 0.9 |
| TAJV107*025# | V | 100 | 25 | 25 | 8 | 0.4 |
| TAJA104*035# | A | 0.1 | 35 | 0.5 | 4 | 24 |
| TAJA154*035# | A | 0.15 | 35 | 0.5 | 4 | 21 |
| TAJA224*035# | A | 0.22 | 35 | 0.5 | 4 | 18 |
| TAJA334*035# | A | 0.33 | 35 | 0.5 | 4 | 15 |

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage (V) | DCL (µA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| TAJA474*035# | A | 0.47 | 35 | 0.5 | 4 | 12 |
| TAJB474*035# | B | 0.47 | 35 | 0.5 | 4 | 10 |
| TAJA684*035# | A | 0.68 | 35 | 0.5 | 4 | 8 |
| TAJB684*035# | B | 0.68 | 35 | 0.5 | 4 | 8 |
| TAJA105*035# | A | 1 | 35 | 0.5 | 4 | 7.5 |
| TAJB105*035# | B | 1 | 35 | 0.5 | 4 | 6.5 |
| TAJA155*035# | A | 1.5 | 35 | 0.5 | 6 | 7.5 |
| TAJB155*035# | B | 1.5 | 35 | 0.5 | 6 | 5.2 |
| TAJC155*035# | C | 1.5 | 35 | 0.5 | 6 | 4.5 |
| TAJA225*035# | A | 2.2 | 35 | 0.8 | 6 | 4.5 |
| TAJB225*035# | B | 2.2 | 35 | 0.8 | 6 | 4.2 |
| TAJC225*035# | C | 2.2 | 35 | 0.8 | 6 | 3.5 |
| TAJB335*035# | B | 3.3 | 35 | 1.2 | 6 | 3.5 |
| TAJC335*035# | C | 3.3 | 35 | 1.2 | 6 | 2.5 |
| TAJB475*035# | B | 4.7 | 35 | 1.6 | 6 | 3.1 |
| TAJC475*035# | C | 4.7 | 35 | 1.6 | 6 | 2.2 |
| TAJD475*035# | D | 4.7 | 35 | 1.6 | 6 | 1.5 |
| TAJC685*035# | C | 6.8 | 35 | 2.4 | 6 | 1.8 |
| TAJD685*035# | D | 6.8 | 35 | 2.4 | 6 | 1.3 |
| TAJC106*035# | C | 10 | 35 | 3.5 | 6 | 1.6 |
| TAJD106*035# | D | 10 | 35 | 3.5 | 6 | 1 |
| TAJE106*035# | E | 10 | 35 | 3.5 | 6 | 0.9 |
| TAJC156*035# | C | 15 | 35 | 5.3 | 6 | 1.4 |
| TAJD156*035# | D | 15 | 35 | 5.3 | 6 | 0.9 |
| TAJD226*035# | D | 22 | 35 | 7.7 | 6 | 0.9 |
| TAJE226*035# | E | 22 | 35 | 7.7 | 6 | 0.5 |
| TAJD336*035# | D | 33 | 35 | 11.6 | 6 | 0.9 |
| TAJE336*035# | E | 33 | 35 | 11.6 | 6 | 0.5 |
| TAJV336*035# | V | 33 | 35 | 11.6 | 6 | 500 |
| TAJE476*035# | E | 47 | 35 | 16.5 | 6 | 0.9 |
| TAJV476*035# | V | 47 | 35 | 16.5 | 6 | 0.4 |
| TAJV686M035# | V | 68 | 35 | 23.8 | 6 | 0.5 |
| TAJA104*050# | A | 0.1 | 50 | 0.5 | 4 | 22 |
| TAJA154*050# | A | 0.15 | 50 | 0.5 | 4 | 15 |
| TAJB154*050# | B | 0.15 | 50 | 0.5 | 4 | 17 |
| TAJA224*050# | A | 0.22 | 50 | 0.5 | 4 | 18 |
| TAJB224*050# | B | 0.22 | 50 | 0.5 | 4 | 14 |
| TAJB334*050# | B | 0.33 | 50 | 0.5 | 4 | 12 |
| TAJA474*050# | A | 0.47 | 50 | 0.5 | 4 | 9.5 |
| TAJB474*050# | B | 0.47 | 50 | 0.7 | 4 | 9.5 |
| TAJC474*050# | C | 0.47 | 50 | 0.5 | 4 | 8 |
| TAJA684*050# | A | 0.68 | 50 | 0.5 | 4 | 7.9 |
| TAJB684*050# | B | 0.68 | 50 | 0.5 | 4 | 8 |
| TAJC684*050# | C | 0.68 | 50 | 0.5 | 4 | 7 |
| TAJA105M050# | A | 1 | 50 | 0.5 | 4 | 6.6 |
| TAJB105*050# | B | 1 | 50 | 0.5 | 6 | 7 |
| TAJC105*050# | C | 1 | 50 | 0.5 | 4 | 5.5 |
| TAJC155*050# | C | 1.5 | 50 | 0.8 | 6 | 4.5 |
| TAJD155*050# | D | 1.5 | 50 | 0.8 | 6 | 4 |
| TAJC225*050# | C | 2.2 | 50 | 1.1 | 6 | 3 |
| TAJD225*050# | D | 2.2 | 50 | 1.1 | 6 | 2.5 |
| TAJC335*050# | C | 3.3 | 50 | 1.7 | 6 | 2.5 |
| TAJD335*050# | D | 3.3 | 50 | 1.7 | 6 | 2 |
| TAJD475*050# | D | 4.7 | 50 | 2.4 | 6 | 1.4 |
| TAJD685*050# | D | 6.8 | 50 | 3.4 | 6 | 1 |
| TAJD106*050# | D | 10 | 50 | 5 | 6 | 0.8 |
| TAJE106*050# | E | 10 | 50 | 5 | 6 | 1 |
| TAJV106*050# | V | 10 | 50 | 5 | 6 | 0.65 |
| TAJD156*050# | D | 15 | 50 | 7.5 | 4 | 0.6 |
| TAJE156*050# | E | 15 | 50 | 7.5 | 6 | 0.6 |
| TAJV156*050# | V | 15 | 50 | 7.5 | 6 | 0.6 |
| TAJV226*050# | V | 22 | 50 | 11 | 8 | 0.6 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

* Insert K for ±10% and M for ±20% Capacitance Tolerance # Standard Plating - Insert R for 7" reel and S for 13" reel # Tin Lead Plating - Insert H for 7" reel and K for 13" reel
 # Gold Plating - Insert A for 7" reel and B for 13" reel

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.