

Wet Tantalum Capacitors with Glass to Tantalum Hermetic Seal CECC 30202 Approved



FEATURES

- For - 55°C to + 200°C operation
- All tantalum case
- Glass to tantalum hermetic seal
- Low ESR
- High CV per unit volume
- Extremely low leakage current
- High permissible ripple current
- 3 volts reverse voltage capability

PERFORMANCE CHARACTERISTICS

Operating Temperature: - 55°C to + 85°C. (To + 200°C with voltage derating.)

Capacitance Tolerance: At 120 Hz, + 25°C. ± 20% standard. ± 10%, ± 5% available as special.

DC Leakage Current (DCL Max.):

At + 25°C and above: Leakage current shall not exceed the values listed in the Standard Ratings Tables.

APPROVALS

- CECC-30202-001 style 735D
- CECC-30202-801 style 735DE
- CECC 30202-005 style CT79

APPLICATIONS

- Designed specifically for the severe operating environment of aerospace applications, this capacitor was developed under partial sponsorship of the Marshall Space Flight Center, National Aeronautics and Space Administration. To meet aerospace requirements, the capacitors have a high resistance to damage from shock and vibration.

ORDERING INFORMATION

CT79
735D
735DE

MODEL

226

CAPACITANCE

This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.

X0

CAPACITANCE TOLERANCE

X0 = ± 20%
X9 = ± 10%
X5 = ± 5%

025

DC VOLTAGE RATING AT + 85°C

This is expressed in volts. To complete the three-digit block, zeros precede the voltage rating. A decimal point is indicated by an "R" (6R3 = 6.3 volts).

A

CASE CODE

See Table of Dimensions.

2

STYLE NUMBER

0 = Bare case.
2 = Outer plastic film insulation.
6 = High temperature film insulation (above + 125°C).

Packaging: The use of formed plastic trays for packaging this type of axial lead component is standard. Tape and reel is not recommended due to the unit weight.



735D, 735DE, CT79 (CECC 30202)

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DIMENSIONS in inches [millimeters]



| CASE CODE | | D | L1 | L2 (Max.) | E | WEIGHT IN GRAMS (Max.) |
|--------------|---------------------|--------------------------------|--|------------------|---------------------------------|------------------------------|
| TYPE 735D | CLR 79/81 EQUIV. | | | | | |
| A | T1 | 0.188 ± 0.016 [4.78 ± 0.41] | 0.453 + 0.031 - 0.016 [11.51 + 0.79 - 0.41] | 0.734 [18.64] | 1.500 ± 0.250 [38.10 ± 6.35] | 2.6 |
| B | T2 | 0.281 ± 0.016 [7.14 ± 0.41] | 0.641 + 0.031 - 0.016 [16.28 + 0.79 - 0.41] | 0.922 [23.42] | 2.250 ± 0.250 [57.15 ± 6.35] | 6.2 |
| C | T3 | 0.375 ± 0.016 [9.53 ± 0.41] | 0.766 + 0.031 - 0.016 [19.46 + 0.79 - 0.41] | 1.047 [26.59] | 2.250 ± 0.250 [57.15 ± 6.35] | 11.6 |
| D | T4 | 0.375 ± 0.016 [9.53 ± 0.41] | 1.062 + 0.031 - 0.016 [26.97 + 0.79 - 0.41] | 1.343 [34.11] | 2.250 ± 0.250 [57.15 ± 6.35] | 17.7 |

*For insulated parts, add 0.007" [0.178] to the diameter. The insulation shall lap over the ends of the capacitor body.

STANDARD RATINGS

| μF | CASE CODE | PART NUMBER | MAX DF | MAX IMP. | MAX DCL | | MAX CAP. CHANGE | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
|--|--------------|----------------|------------------|------------------|----------|-----|-----------------|-----|-----|---|
| | | | at + 20°C (%) | at - 55°C (Ω) | IN μA at | | (%) at | | | |
| 6.3VDC at + 85°C, 4V at + 125°C, 3VDC at + 200°C | | | | | | | | | | |
| 68 | A | 735D686X06R3A2 | 15 | 60 | 1.0 | 2.0 | -40 | +14 | +16 | 960 |
| 120 | A | 735D127X06R3A2 | 21 | 81 | 1.5 | 3.0 | -41 | +15 | +16 | 820 |
| 150 | A | 735D157X06R3A2 | 34 | 80 | 2.0 | 9.0 | -42 | +16 | +16 | 820 |
| 220 | B | 735D227X06R3B2 | 40 | 30 | 1.0 | 6.5 | -44 | +16 | +18 | 1370 |
| 470 | B | 735D477X06R3B2 | 90 | 46 | 2.0 | 10 | -60 | +20 | +20 | 1285 |
| 560 | B | 735D567X06R3B2 | 106 | 48 | 2.0 | 10 | -68 | +20 | +20 | 1255 |
| 560 | C | 735D567X06R3C2 | 50 | 25 | 2.0 | 16 | -64 | +18 | +20 | 1900 |
| 1000 | D | 735D108X06R3D2 | 72 | 22 | 3.0 | 14 | -80 | +25 | +25 | 2390 |
| 1500 | C | 735D158X06R3C2 | 172 | 36 | 5.0 | 20 | -90 | +25 | +25 | 1615 |
| 2200 | D | 735D228X06R3D2 | 170 | 22 | 6.0 | 24 | -90 | +25 | +25 | 2265 |
| 10VDC at + 85°C, 7VDC at + 125°C, 5VDC at + 200°C | | | | | | | | | | |
| 47 | A | 735D476X0010A2 | 13 | 100 | 1.0 | 2.0 | -36 | +14 | +16 | 855 |
| 68 | A | 735D686X0010A2 | 21 | 85 | 1.5 | 3.0 | -40 | +15 | +16 | 820 |
| 82 | A | 735D826X0010A2 | 25 | 84 | 2.0 | 6.0 | -40 | +16 | +16 | 820 |
| 100 | A | 735D107X0010A2 | 30 | 82 | 2.0 | 6.0 | -40 | +16 | +16 | 820 |
| 150 | B | 735D157X0010B2 | 30 | 45 | 1.0 | 7.0 | -32 | +14 | +16 | 1275 |
| 180 | B | 735D187X0010B2 | 30 | 40 | 1.0 | 7.0 | -35 | +14 | +16 | 1300 |
| 330 | B | 735D337X0010B2 | 65 | 52 | 2.0 | 10 | -54 | +17 | +18 | 1195 |
| 390 | B | 735D397X0010B2 | 74 | 54 | 2.0 | 10 | -60 | +19 | +20 | 1195 |
| 470 | C | 735D477X0010C2 | 44 | 25 | 2.0 | 15 | -65 | +18 | +20 | 1800 |
| 680 | D | 735D687X0010D2 | 46 | 20 | 3.0 | 16 | -80 | +25 | +25 | 2490 |
| 820 | D | 735D827X0010D2 | 57 | 22 | 3.0 | 16 | -80 | +25 | +25 | 2360 |
| 1000 | C | 735D108X0010C2 | 92 | 36 | 4.0 | 16 | -80 | +25 | +25 | 1720 |
| 1200 | C | 735D128X0010C2 | 137 | 36 | 5.0 | 20 | -80 | +25 | +25 | 1720 |
| 1500 | D | 735D158X0010D2 | 114 | 23 | 7.0 | 25 | -88 | +30 | +30 | 2360 |
| 1800 | D | 735D188X0010D2 | 138 | 24 | 7.0 | 25 | -88 | +30 | +30 | 2360 |

735D, 735DE, CT79 (CECC 30202)



Vishay Tansitor

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| STANDARD RATINGS | | | | | | | | | | |
|--|-----------|----------------|----------------------|------------------------|------------------|------------------|------------------------|--------|---------|-----------------------------------|
| μF | CASE CODE | PART NUMBER | MAX DF at + 20°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 20°C | + 85°C & + 125°C | - 55°C | + 85°C | + 125°C | |
| 16VDC at + 85°C, 10VDC at + 125°C, 8VDC at + 200°C | | | | | | | | | | |
| 33 | A | 735D336X0016A2 | 10 | 90 | 1.0 | 2.0 | -28 | +14 | +16 | 820 |
| 47 | A | 735D476X0016A2 | 20 | 100 | 1.5 | 3.0 | -28 | +16 | +16 | 760 |
| 56 | A | 735D566X0016A2 | 22 | 100 | 1.5 | 3.0 | -28 | +16 | +16 | 760 |
| 120 | B | 735D127X0016B2 | 25 | 50 | 1.0 | 7.0 | -28 | +14 | +16 | 1230 |
| 220 | B | 735D227X0016B2 | 42 | 62 | 2.0 | 10 | -35 | +16 | +16 | 1215 |
| 270 | B | 735D277X0016B2 | 55 | 60 | 2.0 | 12 | -45 | +18 | +18 | 1215 |
| 330 | C | 735D337X0016C2 | 40 | 30 | 2.0 | 14 | -58 | +18 | +20 | 1760 |
| 470 | D | 735D477X0016D2 | 37 | 24 | 3.0 | 18 | -75 | +25 | +25 | 2100 |
| 560 | D | 735D567X0016D2 | 40 | 23 | 3.0 | 18 | -80 | +25 | +25 | 2300 |
| 680 | C | 735D687X0016C2 | 80 | 42 | 5.0 | 20 | -80 | +25 | +25 | 1585 |
| 820 | C | 735D827X0016C2 | 95 | 42 | 6.0 | 24 | -80 | +25 | +25 | 1585 |
| 1000 | D | 735D108X0016D2 | 92 | 25 | 8.0 | 32 | -82 | +25 | +25 | 2300 |
| 1200 | D | 736D128X0016D2 | 103 | 25 | 8.0 | 32 | -84 | +25 | +30 | 2300 |
| 25VDC at + 85°C, 16VDC at + 125°C, 12VDC at + 200°C | | | | | | | | | | |
| 22 | A | 735D226X0025A2 | 7 | 140 | 1.0 | 2.0 | -20 | +10 | +12 | 800 |
| 27 | A | 735D276X0025A2 | 11 | 140 | 1.5 | 3.0 | -20 | +12 | +12 | 715 |
| 33 | A | 735D336X0025A2 | 13 | 130 | 1.5 | 3.0 | -24 | +14 | +14 | 715 |
| 39 | A | 735D396X0025A2 | 16 | 120 | 2.0 | 9.0 | -28 | +16 | +16 | 715 |
| 100 | B | 735D107X0025B2 | 21 | 50 | 1.0 | 9.0 | -28 | +13 | +15 | 1215 |
| 150 | B | 735D157X0025B2 | 35 | 62 | 2.0 | 10 | -35 | +15 | +15 | 1130 |
| 180 | B | 735D187X0025B2 | 35 | 60 | 2.0 | 10 | -48 | +14 | +15 | 1130 |
| 220 | C | 735D227X0025C2 | 35 | 33 | 2.0 | 13 | -52 | +18 | +20 | 1615 |
| 330 | D | 735D337X0025D2 | 30 | 27 | 3.0 | 20 | -60 | +25 | +25 | 1865 |
| 390 | C | 735D397X0025C2 | 48 | 48 | 7.0 | 28 | -70 | +25 | +25 | 1400 |
| 390 | D | 735D397X0025D2 | 35 | 24 | 3.0 | 20 | -68 | +25 | +25 | 2025 |
| 470 | C | 735D477X0025C2 | 48 | 48 | 7.0 | 28 | -76 | +25 | +25 | 1400 |
| 560 | C | 735D567X0025C2 | 60 | 48 | 7.0 | 28 | -80 | +25 | +25 | 1400 |
| 680 | D | 735D687X0025D2 | 60 | 24 | 8.0 | 32 | -80 | +25 | +25 | 1940 |
| 820 | D | 735D827X0025D2 | 82 | 26 | 8.0 | 32 | -80 | +25 | +25 | 1865 |
| 40VDC at + 85°C, 25VDC at + 125°C, 20VDC at + 200°C | | | | | | | | | | |
| 15 | A | 735D156X0040A2 | 7 | 175 | 1.0 | 2.0 | -20 | +10 | +12 | 660 |
| 18 | A | 735D186X0040A2 | 10 | 200 | 1.5 | 4.0 | -20 | +12 | +12 | 580 |
| 22 | A | 735D226X0040A2 | 11 | 190 | 1.5 | 4.0 | -24 | +12 | +12 | 580 |
| 68 | B | 735D686X0040B2 | 15 | 60 | 1.0 | 8.0 | -24 | +13 | +15 | 1285 |
| 100 | B | 735D107X0040B2 | 25 | 60 | 2.0 | 10 | -40 | +15 | +15 | 1285 |
| 120 | B | 735D127X0040B2 | 30 | 62 | 2.0 | 12 | -32 | +15 | +15 | 1245 |
| 150 | C | 735D157X0040C2 | 23 | 35 | 2.0 | 12 | -48 | +14 | +15 | 1525 |
| 220 | D | 735D227X0040D2 | 23 | 27 | 3.0 | 22 | -58 | +23 | +23 | 1900 |
| 270 | C | 735D277X0040C2 | 37 | 52 | 7.0 | 28 | -60 | +25 | +25 | 1375 |
| 330 | C | 735D337X0040C2 | 43 | 52 | 8.0 | 32 | -65 | +25 | +25 | 1375 |
| 390 | D | 735D397X0040D2 | 43 | 30 | 8.0 | 32 | -75 | +25 | +25 | 1900 |
| 470 | D | 735D477X0040D2 | 45 | 30 | 9.0 | 36 | -80 | +25 | +25 | 1900 |



735D, 735DE, CT79 (CECC 30202)

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| STANDARD RATINGS | | | | | | | | | | |
|---|-----------|----------------|----------------------------|------------------------------|---------------------|---------|---------------------------|--------|---------|---|
| μF | CASE CODE | PART NUMBER | MAX DF at + 20°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 85°C & + 20°C | + 125°C | - 55°C | + 85°C | + 125°C | |
| 63VDC at + 85°C, 40VDC at + 125°C, 31VDC at + 200°C | | | | | | | | | | |
| 10 | A | 735D106X0063A2 | 4 | 250 | 1.0 | 2.0 | -20 | +8 | +9 | 575 |
| 12 | A | 735D126X0063A2 | 7 | 233 | 2.0 | 4.0 | -20 | +8 | +9 | 575 |
| 15 | A | 735D156Xo063A2 | 8 | 220 | 2.0 | 9.0 | -22 | +9 | +9 | 565 |
| 47 | B | 735D476X0063B2 | 13 | 70 | 1.0 | 9.0 | -24 | +13 | +15 | 1150 |
| 56 | B | 735D566X0063B2 | 18 | 72 | 2.0 | 12 | -26 | +14 | +15 | 1150 |
| 82 | B | 735D826X0063B2 | 22 | 70 | 2.0 | 12 | -36 | +15 | +15 | 1150 |
| 100 | C | 735D107X0063C2 | 18 | 42 | 2.0 | 11 | -37 | +14 | +15 | 1420 |
| 120 | C | 735D127X0063C2 | 20 | 49 | 3.0 | 18 | -40 | +18 | +18 | 1420 |
| 150 | D | 735D157X0063D2 | 17 | 27 | 3.0 | 22 | -45 | +20 | +20 | 1865 |
| 220 | C | 735D227X0063C2 | 37 | 55 | 8.0 | 32 | -50 | +25 | +25 | 1345 |
| 270 | D | 735D277X0063D2 | 26 | 33 | 9.0 | 36 | -70 | +24 | +25 | 1850 |
| 330 | D | 735D337X0063D2 | 32 | 31 | 10 | 40 | -72 | +25 | +25 | 1850 |
| 75VDC at + 85°C, 50VDC at + 125°C, 37VDC at + 200°C | | | | | | | | | | |
| 6.8 | A | 735D685X0075A2 | 3 | 300 | 1.0 | 2.0 | -20 | +8 | +9 | 610 |
| 8.2 | A | 735D825X0075A2 | 6 | 280 | 1.5 | 3.0 | -22 | +9 | +9 | 610 |
| 33 | B | 735D336X0075B2 | 10 | 90 | 1.0 | 9.0 | -24 | +10 | +12 | 1079 |
| 47 | B | 735D476X0075B2 | 15 | 87 | 2.0 | 10 | -30 | +14 | +14 | 1055 |
| 68 | B | 735D686X0075B2 | 21 | 86 | 2.0 | 12 | -36 | +15 | +15 | 1055 |
| 68 | C | 735D686X0075C2 | 13 | 50 | 2.0 | 10 | -30 | +14 | +15 | 1525 |
| 82 | C | 735D826X0075C2 | 15 | 45 | 2.0 | 10 | -32 | +15 | +15 | 1335 |
| 100 | C | 735D107X0075C2 | 19 | 60 | 8.0 | 32 | -36 | +17 | +18 | 1335 |
| 120 | D | 735D127X0075D2 | 12 | 28 | 3.0 | 24 | -36 | +20 | +20 | 1915 |
| 150 | C | 735D157X0075C2 | 25 | 60 | 9.0 | 36 | -40 | +20 | +20 | 1335 |
| 150 | D | 735D157X0075D2 | 17 | 30 | 9.0 | 36 | -48 | +21 | +22 | 1915 |
| 180 | C | 735D187X0075C2 | 28 | 60 | 9.0 | 36 | -50 | +22 | +22 | 1335 |
| 220 | D | 735D227X0075D2 | 37 | 32 | 10 | 40 | -60 | +22 | +22 | 1850 |
| 100VDC at + 85°C, 70VDC at + 125°C, 50VDC at + 200°C | | | | | | | | | | |
| 4.7 | A | 735D475X0100A2 | 3 | 500 | 1.0 | 2.0 | -16 | +7 | +8 | 565 |
| 5.6 | A | 735D565X0100A2 | 6 | 475 | 2.0 | 5.0 | -17 | +8 | +8 | 530 |
| 22 | B | 735D226X0100B2 | 8 | 100 | 1.0 | 9.0 | -16 | +8 | +8 | 1065 |
| 33 | B | 735D336X0100B2 | 14 | 95 | 3.0 | 15 | -16 | +8 | +8 | 1065 |
| 33 | C | 735D336X0100C2 | 7 | 93 | 2.0 | 10 | -16 | +8 | +8 | 1200 |
| 39 | B | 735D396X0100B2 | 10 | 92 | 2.0 | 12 | -24 | +12 | +12 | 1065 |
| 39 | C | 735D396X0100C2 | 8 | 90 | 2.0 | 10 | -16 | +8 | +8 | 1285 |
| 47 | C | 735D476X0100C2 | 9 | 70 | 2.0 | 10 | -23 | +10 | +10 | 1390 |
| 56 | C | 735D566X0100C2 | 11 | 60 | 2.0 | 10 | -28 | +14 | +15 | 1335 |
| 68 | C | 735D686X0100C2 | 15 | 60 | 10 | 40 | -30 | +15 | +15 | 1335 |
| 68 | D | 735D686X0100D2 | 8 | 42 | 3.0 | 26 | -24 | +15 | +15 | 1860 |
| 82 | D | 735D826X0100D2 | 10 | 39 | 3.0 | 24 | -24 | +18 | +18 | 1860 |
| 100 | D | 735D107X0100D2 | 11 | 36 | 3.0 | 24 | -35 | +20 | +20 | 1860 |
| 125VDC at + 85°C, 85VDC at + 125°C, 62VDC at + 200°C | | | | | | | | | | |
| 2.7 | A | 735D275X0125A2 | 3 | 780 | 1.0 | 2.0 | -16 | +7 | +8 | 455 |
| 3.3 | A | 735D335X0125A2 | 3 | 600 | 1.0 | 2.0 | -16 | +7 | +8 | 495 |
| 3.9 | A | 735D395X0125A2 | 3.5 | 557 | 2.0 | 5.0 | -16 | +8 | +8 | 495 |
| 15 | B | 735D156X0125B2 | 6 | 167 | 1.0 | 7.0 | -16 | +7 | +8 | 1050 |
| 18 | B | 735D186X0125B2 | 8 | 133 | 2.0 | 10 | -16 | +8 | +8 | 1065 |
| 39 | C | 735D396X0125C2 | 8 | 90 | 2.0 | 10 | -16 | +8 | +8 | 1285 |
| 47 | C | 735D476X0125C2 | 9 | 70 | 2.0 | 10 | -23 | +10 | +10 | 1285 |
| 68 | D | 735D686X0125D2 | 8 | 42 | 3.0 | 26 | -24 | +15 | +15 | 1860 |
| 82 | D | 735D826X0125D2 | 10 | 39 | 3.0 | 24 | -24 | +18 | +18 | 1860 |

735D, 735DE, CT79 (CECC 30202)



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| STANDARD RATINGS to mil range CLR79 | | | | | | | | | | |
|---|-----------|----------------|----------------------------|------------------------------|---------------------|---------------------|---------------------------|--------|---------|---|
| μF | CASE CODE | PART NUMBER | MAX DF at + 25°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 25°C | + 85°C & + 125°C | - 55°C | + 85°C | + 125°C | |
| 6VDC at + 85°C, 4V at + 125°C, 3VDC at + 200°C | | | | | | | | | | |
| 30 | A | 735D306X0006A2 | 4.0 | 100 | 0.75 | 1.5 | -40 | +12 | +12 | 820 |
| 68 | A | 735D686X0006A2 | 2.9 | 60 | 0.75 | 1.5 | -40 | +16 | +16 | 960 |
| 140 | B | 735D147X0006B2 | 2.2 | 40 | 1.0 | 3.0 | -40 | +16 | +16 | 1200 |
| 160 | A | 735D167X0006A2 | 4.0 | 80 | 1.5 | 3.0 | -42 | +16 | +16 | 820 |
| 270 | B | 735D277X0006B2 | 2.0 | 25 | 1.0 | 2.0 | -44 | +20 | +20 | 1375 |
| 330 | C | 735D337X0006C2 | 1.4 | 20 | 2.0 | 6.0 | -44 | +16 | +16 | 1800 |
| 560 | B | 735D567X0006B2 | 2.4 | 48 | 2.0 | 10 | -68 | +20 | +20 | 1255 |
| 560 | C | 735D567X0006C2 | 1.3 | 25 | 2.0 | 6.0 | -64 | +20 | +20 | 1900 |
| 1200 | D | 735D128X0006D2 | 0.9 | 20 | 3.0 | 12 | -80 | +25 | +25 | 2388 |
| 1500 | C | 735D158X0006C2 | 1.8 | 36 | 3.0 | 15 | -84 | +25 | +25 | 1615 |
| 2200 | D | 735D228X0006D2 | 1.0 | 22 | 4.0 | 15 | -86 | +25 | +25 | 2265 |
| 8VDC at + 85°C, 5VDC at + 125°C, 4VDC at + 200°C | | | | | | | | | | |
| 25 | A | 735D256X0008A2 | 4.0 | 100 | 0.75 | 1.5 | -40 | +12 | +12 | 820 |
| 56 | A | 735D566X0008A2 | 3.3 | 59 | 0.75 | 1.5 | -40 | +16 | +16 | 900 |
| 120 | A | 735D127X0008A2 | 4.0 | 80 | 1.0 | 2.0 | -44 | +20 | +16 | 820 |
| 120 | B | 735D127X0008B2 | 2.6 | 50 | 1.0 | 2.0 | -44 | +20 | +16 | 1230 |
| 220 | B | 735D227X0008B2 | 2.4 | 30 | 1.0 | 2.0 | -44 | +18 | +20 | 1300 |
| 290 | C | 735D297X0008C2 | 1.8 | 25 | 2.0 | 6.0 | -64 | +20 | +16 | 1745 |
| 430 | B | 735D437X0008B2 | 2.6 | 54 | 2.0 | 10 | -64 | +20 | +20 | 1230 |
| 430 | C | 735D437X0008C2 | 1.4 | 25 | 2.0 | 6.0 | -64 | +20 | +20 | 1825 |
| 850 | D | 735D857X0008D2 | 1.0 | 22 | 3.0 | 12 | -80 | +25 | +25 | 2456 |
| 10VDC at + 85°C, 7VDC at + 125°C, 5VDC at + 200°C | | | | | | | | | | |
| 20 | A | 735D206X0010A2 | 4.0 | 175 | 0.75 | 1.5 | -32 | +12 | +12 | 820 |
| 100 | B | 735D107X0010B2 | 2.4 | 60 | 1.0 | 2.0 | -35 | +16 | +16 | 1200 |
| 250 | C | 735D257X0010C2 | 1.8 | 30 | 2.0 | 6.0 | -40 | +16 | +16 | 1720 |
| 300 | B | 735D307X0010B2 | 2.6 | 52 | 2.0 | 5.0 | -54 | +18 | +18 | 1195 |
| 350 | B | 735D357X0010B2 | 2.6 | 52 | 2.0 | 5.0 | -60 | +18 | +18 | 1195 |
| 390 | C | 735D397X0010C2 | 1.5 | 25 | 2.0 | 6.0 | -64 | +20 | +20 | 1800 |
| 750 | D | 735D757X0010D2 | 0.9 | 22 | 3.0 | 12 | -80 | +25 | +25 | 2487 |
| 850 | C | 735D857X0010C2 | 1.8 | 36 | 3.0 | 12 | -84 | +25 | +25 | 1720 |
| 15VDC at + 85°C, 10VDC at + 125°C, 7VDC at + 200°C | | | | | | | | | | |
| 15 | A | 735D156X0015A2 | 4.4 | 155 | 0.75 | 1.5 | -24 | +12 | +12 | 780 |
| 33 | A | 735D336X0015A2 | 4.0 | 90 | 0.75 | 1.5 | -28 | +16 | +16 | 820 |
| 47 | A | 735D476X0015A2 | 4.7 | 100 | 1.0 | 2.0 | -28 | +16 | +16 | 760 |
| 56 | A | 735D566X0015A2 | 4.7 | 100 | 1.0 | 2.0 | -28 | +16 | +16 | 760 |
| 70 | B | 735D706X0015B2 | 2.8 | 75 | 1.0 | 2.0 | -28 | +16 | +16 | 1150 |
| 120 | B | 735D127X0015B2 | 2.6 | 50 | 1.0 | 2.0 | -28 | +16 | +16 | 1230 |
| 170 | C | 735D177X0015C2 | 2.4 | 35 | 2.0 | 6.0 | -32 | +16 | +16 | 1480 |
| 220 | B | 735D227X0015B2 | 2.8 | 62 | 2.0 | 5.0 | -35 | +16 | +16 | 1215 |
| 270 | B | 735D277X0015B2 | 2.8 | 60 | 2.0 | 5.0 | -45 | +18 | +18 | 1215 |
| 270 | C | 735D277X0015C2 | 2.2 | 30 | 2.0 | 6.0 | -56 | +20 | +20 | 1709 |
| 290 | B | 735D297X0015B2 | 2.8 | 65 | 2.0 | 5.0 | -54 | +18 | +18 | 1215 |
| 540 | D | 735D547X0015D2 | 1.0 | 23 | 3.0 | 12 | -80 | +25 | +25 | 2300 |
| 750 | C | 735D757X0015C2 | 2.1 | 42 | 3.0 | 15 | -80 | +25 | +25 | 1582 |
| 850 | D | 735D857X0015D2 | 1.0 | 24 | 4.0 | 15 | -80 | +25 | +25 | 2300 |
| 1200 | D | 735D128X0015D2 | 1.0 | 25 | 4.0 | 15 | -84 | +25 | +25 | 2300 |



735D, 735DE, CT79 (CECC 30202)

Wet Tantalum Capacitors with Glass to
Tantalum Hermetic Seal CECC 30202 Approved

Vishay Tansitor

| STANDARD RATINGS to mil range CLR79 | | | | | | | | | | |
|--|-----------|----------------|----------------------------|------------------------------|---------------------|---------------------|---------------------------|--------|---------|---|
| μF | CASE CODE | PART NUMBER | MAX DF at + 25°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 25°C | + 85°C & + 125°C | - 55°C | + 85°C | + 125°C | |
| 25VDC at + 85°C, 15VDC at + 125°C, 12VDC at + 200°C | | | | | | | | | | |
| 10 | A | 735D106X0025A2 | 5.3 | 220 | 0.75 | 1.5 | -16 | + 9 | + 9 | 715 |
| 43 | A | 735D436X0025A2 | 5.3 | 120 | 1.5 | 3.0 | -28 | +16 | +16 | 715 |
| 50 | B | 735D506X0025B2 | 3.0 | 70 | 1.0 | 2.0 | -28 | +15 | +15 | 1130 |
| 120 | C | 735D127X0025C2 | 2.6 | 38 | 2.0 | 6.0 | -32 | +15 | +15 | 1420 |
| 160 | B | 735D167X0025B2 | 3.0 | 60 | 2.0 | 5.0 | -35 | +15 | +15 | 1130 |
| 180 | C | 735D187X0025C2 | 2.0 | 32 | 2.0 | 6.0 | -48 | +15 | +15 | 1531 |
| 350 | D | 735D357X0025D2 | 1.0 | 24 | 3.0 | 12 | -64 | +25 | +25 | 2246 |
| 850 | D | 735D857X0025D2 | 1.3 | 26 | 4.0 | 15 | -80 | +25 | +25 | 1970 |
| 30VDC at + 85°C, 20VDC at + 125°C, 15VDC at + 200°C | | | | | | | | | | |
| 8.0 | A | 735D805X0030A2 | 6.6 | 275 | 0.75 | 1.5 | -16 | +12 | +12 | 640 |
| 15 | A | 735D156X0030A2 | 6.2 | 175 | 0.75 | 1.5 | -20 | +12 | +12 | 660 |
| 25 | A | 735D256X0030A2 | 6.6 | 160 | 1.5 | 3.0 | -24 | +12 | +12 | 640 |
| 33 | A | 735D336X0030A2 | 6.6 | 160 | 1.5 | 3.0 | -26 | +12 | +12 | 640 |
| 40 | B | 735D406X0030B2 | 3.7 | 65 | 1.0 | 2.0 | -24 | +12 | +12 | 1065 |
| 68 | B | 735D686X0030B2 | 2.8 | 60 | 1.0 | 2.0 | -24 | +15 | +15 | 1215 |
| 100 | C | 735D107X0030C2 | 2.6 | 40 | 2.0 | 6.0 | -28 | +12 | +12 | 1477 |
| 120 | B | 735D127X0030B2 | 3.0 | 60 | 2.0 | 5.0 | -32 | +15 | +15 | 1185 |
| 150 | B | 735D157X0030B2 | 3.0 | 60 | 2.0 | 6.0 | -35 | +15 | +15 | 1185 |
| 150 | C | 735D157X0030C2 | 2.3 | 35 | 2.0 | 6.0 | -48 | +15 | +15 | 1525 |
| 170 | B | 735D177X0030B2 | 3.0 | 65 | 2.0 | 7.0 | -48 | +15 | +15 | 1185 |
| 300 | C | 735D307X0030C2 | 2.2 | 44 | 3.0 | 12 | -60 | +15 | +15 | 1559 |
| 300 | D | 735D307X0030D2 | 1.2 | 31 | 3.0 | 12 | -60 | +25 | +25 | 2100 |
| 330 | C | 735D337X0030C2 | 2.6 | 52 | 3.0 | 12 | -65 | +25 | +25 | 1373 |
| 350 | C | 735D357X0030C2 | 2.6 | 52 | 3.0 | 15 | -70 | +25 | +25 | 1477 |
| 390 | C | 735D397X0030C2 | 2.6 | 52 | 3.0 | 15 | -75 | +25 | +25 | 1477 |
| 430 | C | 735D437X0030C2 | 2.6 | 54 | 3.0 | 15 | -80 | +25 | +25 | 1477 |
| 560 | D | 735D567X0030D2 | 1.4 | 30 | 4.0 | 20 | -80 | +25 | +25 | 1050 |
| 50VDC at + 85°C, 30VDC at + 125°C, 25VDC at + 200°C | | | | | | | | | | |
| 5.0 | A | 735D505X0050A2 | 8.0 | 400 | 0.75 | 2.0 | -16 | + 6 | + 6 | 580 |
| 10 | A | 735D106X0050A2 | 6.4 | 250 | 0.75 | 2.0 | -20 | + 9 | + 9 | 640 |
| 18 | A | 735D186X0050A2 | 8.0 | 200 | 1.5 | 3.0 | -24 | +12 | +12 | 580 |
| 22 | A | 735D226X0050A2 | 8.0 | 190 | 1.5 | 4.0 | -24 | +12 | +12 | 580 |
| 25 | B | 735D256X0050B2 | 4.6 | 95 | 1.0 | 3.0 | -20 | +12 | +12 | 1065 |
| 47 | B | 735D476X0050B2 | 3.7 | 70 | 1.0 | 3.0 | -24 | +15 | +15 | 1215 |
| 60 | C | 735D606X0050C2 | 2.9 | 45 | 2.0 | 7.0 | -16 | +12 | +12 | 1285 |
| 82 | C | 735D826X0050C2 | 2.3 | 45 | 2.0 | 7.0 | -32 | +15 | +15 | 1460 |
| 100 | B | 735D107X0050B2 | 3.2 | 67 | 2.0 | 7.0 | -40 | +15 | +15 | 1150 |
| 160 | D | 735D167X0050D2 | 1.3 | 27 | 3.0 | 16 | -50 | +23 | +23 | 2040 |
| 270 | C | 735D277X0050C2 | 2.6 | 52 | 3.0 | 15 | -60 | +25 | +25 | 1373 |
| 350 | D | 735D357X0050D2 | 1.5 | 30 | 4.0 | 20 | -70 | +25 | +25 | 1900 |
| 390 | D | 735D397X0050D2 | 1.5 | 30 | 5.0 | 25 | -75 | +25 | +25 | 1900 |
| 430 | D | 735D437X0050D2 | 1.5 | 31 | 5.0 | 25 | -80 | +25 | +25 | 1900 |

735D, 735DE, CT79 (CECC 30202)



Vishay Tansitor

Wet Tantalum Capacitors with Glass to
Tantalum Hermetic Seal CECC 30202 Approved

| STANDARD RATINGS to mil range CLR79 | | | | | | | | | | |
|---|-----------|----------------|----------------------------|------------------------------|---------------------|---------------------|---------------------------|--------|---------|---|
| μF | CASE CODE | PART NUMBER | MAX DF at + 25°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 25°C | + 85°C & + 125°C | - 55°C | + 85°C | + 125°C | |
| 60VDC at + 85°C, 40VDC at + 125°C, 30VDC at + 200°C | | | | | | | | | | |
| 4.0 | A | 735D405X0060A2 | 9.3 | 550 | 0.75 | 2.0 | -16 | +6 | +6 | 525 |
| 8.2 | A | 735D825X0060A2 | 6.6 | 275 | 0.75 | 2.0 | -20 | +9 | +9 | 625 |
| 20 | B | 735D206X0060B2 | 4.0 | 105 | 1.0 | 4.0 | -16 | +12 | +12 | 1026 |
| 39 | B | 735D396X0060B2 | 3.0 | 90 | 1.0 | 4.0 | -24 | +12 | +12 | 1185 |
| 50 | C | 735D506X0060C2 | 2.6 | 50 | 2.0 | 7.0 | -16 | +12 | +12 | 1341 |
| 68 | C | 735D686X0060C2 | 2.4 | 50 | 2.0 | 7.0 | -30 | +15 | +15 | 1393 |
| 82 | B | 735D826X0060B2 | 3.2 | 70 | 2.0 | 7.0 | -36 | +15 | +15 | 1150 |
| 140 | D | 735D147X0060D2 | 1.3 | 28 | 3.0 | 16 | -40 | +20 | +20 | 1990 |
| 220 | C | 735D227X0060C2 | 2.6 | 55 | 3.0 | 15 | -50 | +25 | +25 | 1341 |
| 270 | D | 735D277X0060D2 | 1.5 | 33 | 5.0 | 22 | -70 | +25 | +25 | 1850 |
| 330 | D | 735D337X0060D2 | 1.5 | 31 | 5.0 | 25 | -72 | +25 | +25 | 1850 |
| 75VDC at + 85°C, 50VDC at + 125°C, 37VDC at + 200°C | | | | | | | | | | |
| 3.5 | A | 735D355X0075A2 | 9.5 | 650 | 1.0 | 2.0 | -16 | +6 | +6 | 525 |
| 9.0 | A | 735D905X0075A2 | 8.2 | 280 | 2.0 | 5.0 | -20 | +9 | +9 | 572 |
| 15 | B | 735D156X0075B2 | 5.0 | 150 | 1.0 | 4.0 | -16 | +9 | +9 | 1000 |
| 40 | C | 735D406X0075C2 | 3.0 | 60 | 2.0 | 8.0 | -16 | +12 | +12 | 1293 |
| 43 | B | 735D436X0075B2 | 3.8 | 89 | 2.0 | 8.0 | -24 | +12 | +12 | 1051 |
| 56 | B | 735D566X0075B2 | 3.8 | 84 | 2.0 | 10 | -30 | +15 | +15 | 1051 |
| 56 | C | 735D566X0075C2 | 2.4 | 60 | 2.0 | 8.0 | -28 | +15 | +15 | 1396 |
| 110 | D | 735D117X0075D2 | 1.3 | 29 | 3.0 | 20 | -35 | +20 | +20 | 1990 |
| 250 | D | 735D257X0075D2 | 1.5 | 33 | 5.0 | 22 | -68 | +25 | +25 | 1850 |
| 100VDC at + 85°C, 70VDC at + 125°C, 50VDC at + 200°C | | | | | | | | | | |
| 30 | B | 735D306X0100B2 | 3.7 | 99 | 2.0 | 12 | -16 | +8 | +8 | 1065 |
| 30 | C | 735D306X0100C2 | 3.3 | 80 | 2.0 | 8.0 | -16 | +8 | +8 | 1200 |
| 43 | C | 735D436X0100C2 | 2.4 | 70 | 2.0 | 8.0 | -20 | +8 | +8 | 1389 |
| 86 | D | 735D866X0100D2 | 1.5 | 30 | 3.0 | 20 | -24 | +15 | +15 | 1859 |
| 125VDC at + 85°C, 85VDC at + 125°C, 62VDC at + 200°C | | | | | | | | | | |
| 3.6 | A | 735D365X0125A2 | 11.1 | 600 | 1.0 | 2.0 | -16 | +8 | +8 | 495 |
| 14 | B | 735D146X0125B2 | 5.0 | 167 | 1.0 | 4.0 | -16 | +8 | +8 | 1050 |
| 25 | C | 735D256X0125C2 | 2.6 | 93 | 2.0 | 8.0 | -16 | +8 | +8 | 1335 |
| 56 | D | 735D556X0125D2 | 1.5 | 47 | 3.0 | 20 | -25 | +15 | +15 | 1859 |



735D, 735DE, CT79 (CECC 30202)

Wet Tantalum Capacitors with Glass to
Tantalum Hermetic Seal CECC 30202 Approved

Vishay Tansitor

| CT79 STANDARD RATINGS | | | | | | | | | | |
|---|-----------|------------------|----------------------------|------------------------------|---------------------|---------|---------------------------|--------|---------|---|
| μF | CASE CODE | PART NUMBER | MAX DF at + 25°C (%) | MAX IMP. at - 55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | + 25°C | + 125°C | - 55°C | + 85°C | + 125°C | |
| 6.3VDC at + 85°C, 4VDC at + 125°C, 3VDC at + 200°C | | | | | | | | | | |
| 68 | A | CT79686X06R3A2 | 15 | 72 | 1 | 12 | -40 | +14 | +16 | 960 |
| 270 | B | CT79277X06R3B2 | 41 | 30 | 1 | 7 | -44 | +17.5 | +20 | 1375 |
| 560 | C | CT79567X06R3C2 | 55 | 30 | 2 | 16 | -64 | +17.5 | +20 | 1900 |
| 1200 | D | CT79128X06R3D2 | 94 | 24 | 4 | 16 | -80 | +25 | +25 | 2265 |
| 10VDC at + 85°C, 6.3VDC at + 125°C, 5VDC at + 200°C | | | | | | | | | | |
| 47 | A | CT79476X00I0A2 | 14 | 120 | 1 | 2 | -36 | +14 | +16 | 855 |
| 180 | B | CT79187X00I0B2 | 29 | 48 | 1 | 7 | -36 | +14 | +16 | 1300 |
| 390 | C | CT79397X00I0C2 | 44 | 30 | 2 | 16 | -64 | +17.5 | +20 | 1800 |
| 820 | D | CT79827X00I0D2 | 65 | 28 | 4 | 16 | -80 | +25 | +25 | 2360 |
| 16VDC at + 85°C, 10VDC at + 125°C, 8VDC at + 200°C | | | | | | | | | | |
| 33 | A | CT79336X00I16A2 | 10 | 108 | 1 | 2 | -28 | +14 | +16 | 820 |
| 120 | B | CT79127X00I16B2 | 24 | 60 | 1 | 9 | -28 | +17.5 | +20 | 1230 |
| 270 | C | CT79277X00I16C2 | 45 | 36 | 2 | 16 | -56 | +17.5 | +20 | 1500 |
| 560 | D | CT79567X00I16D2 | 44 | 28 | 6 | 24 | -80 | +25 | +25 | 2300 |
| 25VDC at + 85°C, 16VDC at + 125°C, 12VDC at + 200°C | | | | | | | | | | |
| 22 | A | CT79226X00I25A2 | 7 | 168 | 1 | 2 | -20 | +10.5 | +12 | 800 |
| 100 | B | CT79107X00I25B2 | 21 | 60 | 1 | 10 | -28 | +13 | +15 | 1215 |
| 180 | C | CT79187X00I25C2 | 29 | 39 | 2 | 18 | -48 | +13 | +15 | 1460 |
| 390 | D | CT79397X00I25D2 | 40 | 29 | 7 | 28 | -70 | +25 | +25 | 1970 |
| 40VDC at + 85°C, 25VDC at + 125°C, 20VDC at + 200°C | | | | | | | | | | |
| 12 | A | CT79126X00I40A2 | 6 | 234 | 1 | 2 | -24 | +8 | +10 | 660 |
| 56 | B | CT79566X00I40B2 | 14 | 78 | 1 | 9 | -28 | +13 | +15 | 1100 |
| 100 | C | CT79107X00I40C2 | 18 | 48 | 2 | 17 | -40 | +13 | +15 | 1400 |
| 220 | D | CT79227X00I40D2 | 27 | 31 | 8 | 32 | -55 | +25 | +25 | 1900 |
| 63VDC at + 85°C, 40VDC at + 125°C, 31VDC at + 200°C | | | | | | | | | | |
| 8.2 | A | CT79825X00I63A2 | 4.5 | 330 | 1 | 2 | -24 | +8 | +9 | 625 |
| 39 | B | CT79396X00I63B2 | 12 | 108 | 1 | 9 | -28 | +10.5 | +12 | 1015 |
| 68 | C | CT79686X00I63C2 | 13 | 60 | 2 | 16 | -32 | +10.5 | +12 | 1365 |
| 150 | D | CT79157X00I63D2 | 18 | 34 | 8 | 32 | -40 | +20 | +20 | 1850 |
| 80VDC at + 85°C, 50VDC at + 125°C, 40VDC at + 200°C | | | | | | | | | | |
| 6.8 | A | CT79685X00I80A2 | 5 | 360 | 1 | 2 | -20 | +8 | +9 | 610 |
| 33 | B | CT79336X00I80B2 | 10 | 108 | 1 | 10 | -24 | +10.5 | +15 | 1000 |
| 56 | C | CT79566X00I80C2 | 11 | 72 | 2 | 17 | -28 | +10.5 | +15 | 1350 |
| 100 | D | CT79107X00I80D2 | 12 | 36 | 9 | 36 | -35 | +20 | +20 | 1825 |
| 100VDC at + 85°C, 63VDC at + 125°C, 50VDC at + 200°C | | | | | | | | | | |
| 4.7 | A | CT79475X01I100A2 | 3 | 600 | 1 | 2 | -16 | +7 | +8 | 565 |
| 22 | B | CT79226X01I100B2 | 8 | 132 | 1 | 9 | -16 | +7 | +8 | 935 |
| 47 | C | CT79476X01I100C2 | 8 | 84 | 2 | 17 | 20 | +7 | +8 | 1335 |
| 82 | D | CT79826X01I100D2 | 10 | 40 | 9 | 36 | -25 | +15 | +15 | 1800 |
| 125VDC at + 85°C, 80VDC at + 125°C, 62VDC at + 200°C | | | | | | | | | | |
| 3.9 | A | CT79395X01I125A2 | 3.5 | 720 | 1 | 2 | -16 | +7 | +8 | 495 |
| 15 | B | CT79156X01I125B2 | 6 | 200 | 1 | 7 | -16 | +7 | +8 | 860 |
| 27 | C | CT79276X01I125C2 | 6 | 106 | 2 | 13 | -16 | +7 | +8 | 1200 |
| 56 | D | CT79566X01I125D2 | 7 | 58 | 10 | 40 | -25 | +15 | +15 | 1800 |

735D, 735DE, CT79 (CECC 30202)



Vishay Tansitor

Wet Tantalum Capacitors with Glass to
Tantalum Hermetic Seal CECC 30202 Approved

| CT79 EXTENDED RATINGS | | | | | | | | | | |
|--|-----------|----------------|---------------------|-----------------------|------------------|----------------|------------------------|-------|--------|-----------------------------------|
| μF | CASE CODE | PART NUMBER | MAX DF at +25°C (%) | MAX IMP. at -55°C (Ω) | MAX DCL IN μA at | | MAX CAP. CHANGE (%) at | | | MAX RMS RIPPLE CURRENT 40KHz (mA) |
| | | | | | +25°C | +85°C & +125°C | -55°C | +85°C | +125°C | |
| 6.3VDC at +85°C, 4VDC at +125°C, 3VDC at +200°C | | | | | | | | | | |
| 150 | A | CT79157X06R3A2 | 34 | 80 | 2.0 | 9.0 | -42 | 16 | 16 | 960 |
| 560 | B | CT79567X06R3B2 | 106 | 48 | 2.0 | 10 | -68 | 20 | 20 | 1550 |
| 1500 | C | CT79158X06R3C2 | 172 | 36 | 5.0 | 20 | -90 | 25 | 25 | 1930 |
| 2200 | D | CT79228X06R3D2 | 170 | 22 | 6.0 | 24 | -90 | 25 | 25 | 2330 |
| 10VDC at +85°C, 6.3VDC at +125°C, 5VDC at +200°C | | | | | | | | | | |
| 100 | A | CT79107X0010A2 | 30 | 82 | 2.0 | 6.0 | -40 | 16 | 16 | 930 |
| 390 | B | CT79397X0010B2 | 74 | 54 | 2.0 | 10 | -60 | 19 | 20 | 1470 |
| 1200 | C | CT79128X0010C2 | 137 | 36 | 5.0 | 20 | -80 | 25 | 25 | 1850 |
| 1800 | D | CT79188X0010D2 | 138 | 24 | 7.0 | 25 | -88 | 30 | 30 | 2300 |
| 16VDC at +85°C, 10VDC at +125°C, 8VDC at +200°C | | | | | | | | | | |
| 56 | A | CT79566X0016A2 | 22 | 100 | 1.5 | 3.0 | -28 | 16 | 16 | 890 |
| 270 | B | CT79277X0016B2 | 55 | 60 | 2.0 | 12 | -45 | 18 | 28 | 1430 |
| 820 | C | CT79827X0016C2 | 95 | 42 | 6.0 | 24 | -80 | 25 | 25 | 1800 |
| 1200 | D | CT79128X0016D2 | 103 | 25 | 8.0 | 32 | -84 | 25 | 30 | 2300 |
| 25VDC at +85°C, 16VDC at +125°C, 12VDC at +200°C | | | | | | | | | | |
| 39 | A | CT79396X0025A2 | 16 | 120 | 2.0 | 9.0 | -28 | 16 | 16 | 820 |
| 180 | B | CT79187X0025B2 | 36 | 60 | 2.0 | 10 | -48 | 14 | 15 | 1400 |
| 560 | C | CT79567X0025C2 | 60 | 48 | 7.0 | 28 | -80 | 25 | 25 | 1750 |
| 820 | D | CT79827X0025D2 | 82 | 26 | 8.0 | 32 | -80 | 25 | 25 | 2100 |
| 40VDC at +85°C, 25VDC at +125°C, 20VDC at +200°C | | | | | | | | | | |
| 22 | A | CT79226X0040A2 | 11 | 190 | 1.5 | 4.0 | -24 | 12 | 12 | 745 |
| 120 | B | CT79127X0040B2 | 30 | 62 | 2.0 | 12 | -32 | 15 | 15 | 1315 |
| 330 | C | CT79337X0040C2 | 43 | 52 | 8.0 | 32 | -65 | 25 | 25 | 1640 |
| 470 | D | CT79477X0040D2 | 45 | 30 | 9.0 | 35 | -80 | 25 | 25 | 2040 |
| 63VDC at +85°C, 40VDC at +125°C, 31VDC at +200°C | | | | | | | | | | |
| 15 | A | CT79156X0063A2 | 8.0 | 220 | 2.0 | 9.0 | -22 | 9.0 | 9.0 | 650 |
| 82 | B | CT79826X0063B2 | 22 | 70 | 2.0 | 12 | -36 | 15 | 15 | 1220 |
| 220 | C | CT79227X0063C2 | 37 | 55 | 8.0 | 32 | -50 | 25 | 25 | 1520 |
| 330 | D | CT79337X0063D2 | 32 | 31 | 10.0 | 40 | -72 | 25 | 25 | 1970 |
| 80VDC at +85°C, 50VDC at +125°C, 40VDC at +200°C | | | | | | | | | | |
| 8.2 | A | CT79825X0080A2 | 6.0 | 280 | 1.5 | 3.0 | -22 | 9.0 | 9.0 | 610 |
| 68 | B | CT79686X0080B2 | 21 | 86 | 2.0 | 12 | -36 | 15 | 15 | 1200 |
| 150 | C | CT79157X0080C2 | 25 | 60 | 9.0 | 36 | -40 | 20 | 20 | 1490 |
| 220 | D | CT79227X0080D2 | 37 | 32 | 10 | 40 | -60 | 22 | 22 | 1900 |
| 100VDC at +85°C, 63VDC at +125°C, 50VDC at +200°C | | | | | | | | | | |
| 5.6 | A | CT79565X0100A2 | 6.0 | 475 | 2.0 | 5.0 | -17 | 8.0 | 8.0 | 565 |
| 39 | B | CT79396X0100B2 | 10 | 92 | 2.0 | 12 | -24 | 12 | 12 | 1300 |
| 68 | C | CT79686X0100C2 | 15 | 60 | 10 | 40 | -30 | 15 | 15 | 1600 |
| 100 | D | CT79107X0100D2 | 11 | 36 | 3.0 | 24 | -35 | 20 | 20 | 1900 |
| 125VDC at +85°C, 80VDC at +125°C, 62VDC at +200°C | | | | | | | | | | |
| 18 | B | CT79186X0125B2 | 8.0 | 133 | 2.0 | 10 | -16 | 8.0 | 8.0 | 1065 |
| 47 | C | CT79476X0125C2 | 9.0 | 70 | 2.0 | 10 | -23 | 10 | 10 | 1500 |
| 82 | D | CT79826X0125D2 | 10.0 | 39 | 3.0 | 24 | -24 | 18 | 18 | 1900 |

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