

SMT Aluminum Electrolytic Capacitors - General Purpose, 85°C

General Purpose Filtering, Bypassing, Power Supply Decoupling



Type AVS Capacitors are the best value for filter and bypass applications not requiring wide temperature performance or high ripple current. Their vertical cylindrical cases facilitate automatic mounting and reflow soldering and Type AVS offers a significant cost savings over tantalum capacitors.

Highlights

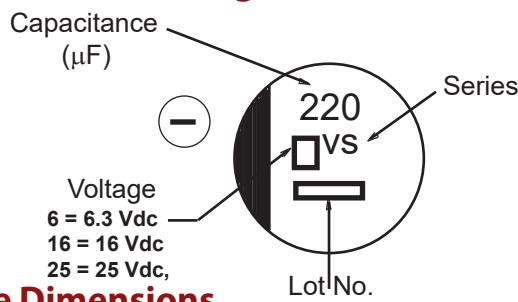
- +85°C, 2000 Hour Load Life
- Capacitance Range: 0.1 µF to 1500 µF
- Voltage Range: 4.0 Vdc to 100 Vdc
- AEC-Q200 Compliant

Specifications

| Capacitance Range | 0.1 µF to 1500 µF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|------------|-------------|-------|-------------|------|------|------|-------|------|-------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Capacitance Tolerance | ±20% @ 120 Hz and +20 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Voltage | 6.3, 10, 16, 25, 50 Vdc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Temperature Range | -40 °C to +85 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | I = 0.01 CV or 3 (µA) whichever is greater after 2 minutes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissipation Factor | See ratings table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ripple Current Multipliers (Frequency) | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th>50/60 Hz</th> <th>120 Hz</th> <th>1 kHz</th> <th>10 kHz & up</th> </tr> <tr> <td>0.70</td> <td>1.0</td> <td>1.3</td> <td>1.7</td> </tr> </table> | 50/60 Hz | 120 Hz | 1 kHz | 10 kHz & up | 0.70 | 1.0 | 1.3 | 1.7 | | | | | | | | | | | | | | | | | | | | | | |
| 50/60 Hz | 120 Hz | 1 kHz | 10 kHz & up | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.70 | 1.0 | 1.3 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load Life | 2000 h @ +85 °C Δ Capacitance ±20% DF: ≤200% of limit DCL: ≤100% of limit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shelf Life | 1000 h @ +85 °C Δ Capacitance ±20% DF: ≤200% of limit DCL: ≤100% of limit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum Impedance Ratio @ 120 Hz | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>W.V. (Vdc)</td> <td>4.0</td> <td>6.3</td> <td>10.0</td> <td>16.0</td> <td>25.0</td> <td>35.0</td> <td>50.0</td> <td>63.0</td> <td>100.0</td> </tr> <tr> <td>-25°C / +20°C</td> <td>7.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>-40°C / +20°C</td> <td>15.0</td> <td>8.0</td> <td>6.0</td> <td>4.0</td> <td>4.0</td> <td>3.0</td> <td>3.0</td> <td>4.0</td> <td>4.0</td> </tr> </table> | W.V. (Vdc) | 4.0 | 6.3 | 10.0 | 16.0 | 25.0 | 35.0 | 50.0 | 63.0 | 100.0 | -25°C / +20°C | 7.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | -40°C / +20°C | 15.0 | 8.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 |
| W.V. (Vdc) | 4.0 | 6.3 | 10.0 | 16.0 | 25.0 | 35.0 | 50.0 | 63.0 | 100.0 | | | | | | | | | | | | | | | | | | | | | | |
| -25°C / +20°C | 7.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | | | | | | | | | | | | | | | | | | | | | | |
| -40°C / +20°C | 15.0 | 8.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | | | | | | | | | | | | | | | | | | | | | | |

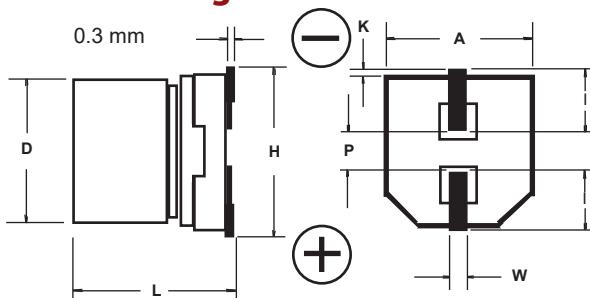
[RoHS Compliant](#)

AVS Series Marking



Case Dimensions

Outline Drawing



| Case Code | D ± 0.5 | L | A ± 0.2 | H (max) | I (ref) | W | P (ref) | K |
|-----------|---------|-----------|---------|---------|---------|------------|---------|-------------------|
| A | 3 | 5.4 ±1,-2 | 3.3 | 4.5 | 1.5 | 0.55 ± 0.1 | 0.6 | 0.35 + 0.15/-0.20 |
| B | 4 | 5.4 ±1,-2 | 4.3 | 5.5 | 1.8 | 0.65 ± 0.1 | 1.0 | 0.35 + 0.15/-0.20 |
| C | 5 | 5.4 ±1,-2 | 5.3 | 6.5 | 2.2 | 0.65 ± 0.1 | 1.5 | 0.35 + 0.15/-0.20 |
| D | 6.3 | 5.4 ±1,-2 | 6.6 | 7.8 | 2.6 | 0.65 ± 0.1 | 1.8 | 0.35 + 0.15/-0.20 |
| X | 6.3 | 7.9 ±3 | 6.6 | 7.8 | 2.6 | 0.65 ± 0.1 | 1.8 | 0.35 + 0.15/-0.20 |
| E | 8 | 6.2 ±3 | 8.3 | 9.5 | 3.4 | 0.65 ± 0.1 | 2.2 | 0.35 + 0.15/-0.20 |
| F | 8 | 10.2 ±3 | 8.3 | 10.0 | 3.4 | 0.90 ± 0.2 | 3.1 | 0.70 ± 0.20 |
| G | 10 | 10.2 ±3 | 10.3 | 12.0 | 3.5 | 0.90 ± 0.2 | 4.6 | 0.70 ± 0.20 |

Type AVS

SMT Aluminum Electrolytic Capacitors - General Purpose, 85°C

Ratings

| Cap (μ F) | CaT-Falog Part-F Number | Max. DCL (μ A) | Max. Dissipation Factor @ 120 Hz | Max. ESR @ 120 Hz/20 °C (Ohms) | Max. Ripple Current 120 Hz/85 °C (mA) | Case Code | Size D x L (mm) | Quantity per Reel |
|------------------------------|----------------------------|---------------------------|---|---|--|--------------|-----------------------|----------------------|
| 4 Vdc (5 Vdc Surge) | | | | | | | | |
| 22 | AVS226M04A12T-F* | 3.0 | 0.37 | 27.9 | 19 | A | 3 x 5.4 | 2000 |
| 33 | AVS336M04B12T-F | 3.0 | 0.35 | 17.6 | 26 | B | 4 x 5.4 | 2000 |
| 47 | AVS476M04B12T-F | 3.0 | 0.35 | 12.3 | 34 | B | 4 x 5.4 | 2000 |
| 100 | AVS107M04C12T-F | 4.0 | 0.35 | 5.8 | 61 | C | 5 x 5.4 | 1000 |
| 220 | AVS227M04D16T-F | 8.8 | 0.35 | 2.6 | 82 | D | 6.3 x 5.4 | 1000 |
| 6.3 Vdc (8 Vdc Surge) | | | | | | | | |
| 22 | AVS226M06A12T-F* | 3.0 | 0.35 | 26.4 | 20 | A | 3 x 5.4 | 2000 |
| 22 | AVS226M06B12T-F | 3.0 | 0.26 | 19.6 | 29 | B | 4 x 5.4 | 2000 |
| 33 | AVS336M06B12T-F | 3.0 | 0.35 | 17.6 | 29 | B | 4 x 5.4 | 2000 |
| 47 | AVS476M06B12T-F | 3.0 | 0.35 | 12.3 | 36 | B | 4 x 5.4 | 2000 |
| 47 | AVS476M06C12T-F | 3.0 | 0.26 | 9.2 | 46 | C | 5 x 5.4 | 1000 |
| 100 | AVS107M06C12T-F | 6.3 | 0.35 | 5.8 | 47 | C | 5 x 5.4 | 1000 |
| 100 | AVS107M06D16T-F | 6.3 | 0.26 | 4.3 | 71 | D | 6.3 x 5.4 | 1000 |
| 220 | AVS227M06D16T-F | 13.9 | 0.35 | 2.6 | 74 | D | 6.3 x 5.4 | 1000 |
| 330 | AVS337M06X16T-F | 20.8 | 0.26 | 1.3 | 150 | X | 6.3 x 7.9 | 900 |
| 330 | AVS337M06E16T-F | 20.8 | 0.35 | 1.8 | 300 | E | 8 x 6.2 | 1000 |
| 470 | AVS477M06F24T-F | 29.6 | 0.35 | 1.2 | 380 | F | 8 x 10.2 | 500 |
| 1000 | AVS108M06F24T-F | 63.0 | 0.35 | 0.6 | 500 | F | 8 x 10.2 | 500 |
| 1000 | AVS108M06G24T-F | 63.0 | 0.35 | 0.6 | 700 | G | 10 x 10.2 | 500 |
| 1500 | AVS158M06G24T-F | 94.5 | 0.35 | 0.4 | 700 | G | 10 x 10.2 | 500 |
| 10 Vdc (13 Vdc Surge) | | | | | | | | |
| 22 | AVS226M10B12T-F | 3.0 | 0.3 | 22.6 | 28 | B | 4 x 5.4 | 2000 |
| 33 | AVS336M10B12T-F | 3.3 | 0.3 | 15.1 | 29 | B | 4 x 5.4 | 2000 |
| 33 | AVS336M10C12T-F | 3.3 | 0.2 | 10.1 | 43 | C | 5 x 5.4 | 1000 |
| 47 | AVS476M10C12T-F | 4.7 | 0.3 | 10.6 | 43 | C | 5 x 5.4 | 1000 |
| 100 | AVS107M10C12T-F | 10.0 | 0.3 | 5.0 | 50 | C | 5 x 5.4 | 1000 |
| 100 | AVS107M10D16T-F | 10.0 | 0.2 | 3.3 | 70 | D | 6.3 x 5.4 | 1000 |
| 220 | AVS227M10X16T-F | 22.0 | 0.2 | 1.5 | 150 | X | 6.3 x 7.9 | 900 |
| 220 | AVS227M10E16T-F | 22.0 | 0.26 | 2.0 | 250 | E | 8 x 6.2 | 1000 |
| 330 | AVS337M10F24T-F | 33.0 | 0.26 | 1.3 | 330 | F | 8 x 10.2 | 500 |
| 470 | AVS477M10F24T-F | 47.0 | 0.26 | 0.9 | 330 | F | 8 x 10.2 | 500 |
| 470 | AVS477M10G24T-F | 47.0 | 0.26 | 0.9 | 400 | G | 10 x 10.2 | 500 |
| 1000 | AVS108M10G24T-F | 100.0 | 0.26 | 0.4 | 580 | G | 10 x 10.2 | 500 |
| 16 Vdc (20 Vdc Surge) | | | | | | | | |
| 10 | AVS106M16A12T-F* | 3.0 | 0.18 | 29.9 | 20 | A | 3 x 5.4 | 2000 |
| 10 | AVS106M16B12T-F | 3.0 | 0.16 | 26.5 | 28 | B | 4 x 5.4 | 2000 |
| 22 | AVS226M16B12T-F | 3.5 | 0.26 | 19.6 | 28 | B | 4 x 5.4 | 2000 |
| 22 | AVS226M16C12T-F | 3.5 | 0.16 | 12.1 | 39 | C | 5 x 5.4 | 1000 |
| 33 | AVS336M16C12T-F | 5.3 | 0.26 | 13.1 | 35 | C | 5 x 5.4 | 1000 |
| 47 | AVS476M16C12T-F | 7.5 | 0.26 | 9.2 | 39 | C | 5 x 5.4 | 1000 |
| 47 | AVS476M16D16T-F | 7.5 | 0.16 | 5.6 | 70 | D | 6.3 x 5.4 | 1000 |
| 100 | AVS107M16D16T-F | 16.0 | 0.26 | 4.3 | 70 | D | 6.3 x 5.4 | 1000 |
| 100 | AVS107M16E16T-F | 16.0 | 0.2 | 3.3 | 200 | E | 8 x 6.2 | 1000 |
| 220 | AVS227M16X16T-F | 35.2 | 0.16 | 1.2 | 150 | X | 6.3 x 7.9 | 900 |
| 220 | AVS227M16E16T-F | 35.2 | 0.2 | 1.5 | 200 | E | 8 x 6.2 | 1000 |
| 220 | AVS227M16F24T-F | 35.2 | 0.2 | 1.5 | 280 | F | 8 x 10.2 | 500 |
| 330 | AVS337M16F24T-F | 52.8 | 0.2 | 1.0 | 320 | F | 8 x 10.2 | 500 |
| 330 | AVS337M16G24T-F | 52.8 | 0.2 | 1.0 | 380 | G | 10 x 10.2 | 500 |
| 470 | AVS477M16F24T-F | 75.2 | 0.2 | 0.7 | 320 | F | 8 x 10.2 | 500 |
| 470 | AVS477M16G24T-F | 75.2 | 0.2 | 0.7 | 420 | G | 10 x 10.2 | 500 |
| 25 Vdc (31 Vdc Surge) | | | | | | | | |
| 4.7 | AVS475M25A12T-F* | 3.0 | 0.16 | 56.5 | 12 | A | 3 x 5.4 | 2000 |
| 4.7 | AVS475M25B12T-F | 3.0 | 0.14 | 49.4 | 22 | B | 4 x 5.4 | 2000 |
| 10 | AVS106M25B12T-F | 3.0 | 0.2 | 33.2 | 22 | B | 4 x 5.4 | 2000 |
| 10 | AVS106M25C12T-F | 3.0 | 0.14 | 23.2 | 28 | C | 5 x 5.4 | 1000 |
| 22 | AVS226M25C12T-F | 5.5 | 0.2 | 15.1 | 35 | C | 5 x 5.4 | 1000 |
| 22 | AVS226M25D16T-F | 5.5 | 0.14 | 10.6 | 55 | D | 6.3 x 5.4 | 1000 |
| 33 | AVS336M25C12T-F | 8.3 | 0.2 | 10.0 | 42 | C | 5 x 5.4 | 1000 |
| 33 | AVS336M25D16T-F | 8.3 | 0.14 | 7.0 | 65 | D | 6.3 x 5.4 | 1000 |
| 47 | AVS476M25D16T-F | 11.8 | 0.2 | 7.1 | 70 | D | 6.3 x 5.4 | 1000 |
| 100 | AVS107M25X16T-F | 25.0 | 0.14 | 2.3 | 150 | X | 6.3 x 7.9 | 900 |
| 100 | AVS107M25E16T-F | 25.0 | 0.16 | 2.7 | 91 | E | 8 x 6.2 | 1000 |
| 100 | AVS107M25F24T-F | 25.0 | 0.16 | 2.7 | 180 | F | 8 x 10.2 | 500 |
| 220 | AVS227M25F24T-F | 55.0 | 0.16 | 1.2 | 140 | F | 8 x 10.2 | 500 |
| 220 | AVS227M25G24T-F | 55.0 | 0.16 | 1.2 | 310 | G | 10 x 10.2 | 500 |
| 330 | AVS337M25F24T-F | 82.5 | 0.16 | 0.8 | 150 | F | 8 x 10.2 | 500 |
| 330 | AVS337M25G24T-F | 82.5 | 0.16 | 0.8 | 340 | G | 10 x 10.2 | 500 |
| 470 | AVS477M25G24T-F | 117.5 | 0.16 | 0.6 | 360 | G | 10 x 10.2 | 500 |

*Denotes discontinued part

SMT Aluminum Electrolytic Capacitors - General Purpose, 85°C

| Cap (μ F) | CaT-Falog ParT-F Number | Max. DCL (μ A) | Dissipation Factor @ 120 Hz | ESR @ 120 Hz/20 °C (Ohms) | Ripple Current 120 Hz/85 °C (mA) | Case Code | Size D x L (mm) | Quantity per Reel |
|--------------------------------|----------------------------|---------------------------|-----------------------------------|---------------------------------|--|--------------|-----------------------|----------------------|
| 35 Vdc (44 Vdc Surge) | | | | | | | | |
| 2.2 | AVS225M35A12T-F* | 3.0 | 0.14 | 105.6 | 8 | A | 3 x 5.4 | 2000 |
| 3.3 | AVS335M35A12T-F* | 3.0 | 0.14 | 70.4 | 10 | A | 3 x 5.4 | 2000 |
| 4.7 | AVS475M35B12T-F | 3.0 | 0.12 | 42.4 | 22 | B | 4 x 5.4 | 2000 |
| 10 | AVS106M35B12T-F | 3.5 | 0.16 | 26.5 | 22 | B | 4 x 5.4 | 2000 |
| 10 | AVS106M35C12T-F | 3.5 | 0.12 | 19.9 | 30 | C | 5 x 5.4 | 1000 |
| 22 | AVS226M35C12T-F | 7.7 | 0.16 | 12.1 | 36 | C | 5 x 5.4 | 1000 |
| 22 | AVS226M35D16T-F | 7.7 | 0.12 | 9.1 | 60 | D | 6.3 x 5.4 | 1000 |
| 33 | AVS336M35D16T-F | 11.6 | 0.16 | 8.0 | 60 | D | 6.3 x 5.4 | 1000 |
| 33 | AVS336M35E16T-F | 11.6 | 0.14 | 7.0 | 130 | E | 8 x 6.2 | 1000 |
| 47 | AVS476M35D16T-F | 16.5 | 0.16 | 5.6 | 70 | D | 6.3 x 5.4 | 1000 |
| 47 | AVS476M35E16T-F | 16.5 | 0.14 | 4.9 | 165 | E | 8 x 6.2 | 1000 |
| 100 | AVS107M35X16T-F | 35.0 | 0.12 | 2.0 | 130 | X | 6.3 x 7.9 | 900 |
| 100 | AVS107M35F24T-F | 35.0 | 0.14 | 2.3 | 140 | F | 8 x 10.2 | 500 |
| 100 | AVS107M35G24T-F | 35.0 | 0.14 | 2.3 | 210 | G | 10 x 10.2 | 500 |
| 220 | AVS227M35F24T-F | 77.0 | 0.14 | 1.1 | 200 | F | 8 x 10.2 | 500 |
| 220 | AVS227M35G24T-F | 77.0 | 0.14 | 1.1 | 310 | G | 10 x 10.2 | 500 |
| 330 | AVS337M35G24T-F | 115.5 | 0.14 | 0.7 | 320 | G | 10 x 10.2 | 500 |
| 50 Vdc (63 Vdc Surge) | | | | | | | | |
| 0.1 | AVS104M50A12T-F* | 3.0 | 0.14 | 2322.0 | 1 | A | 3 x 5.4 | 2000 |
| 0.1 | AVS104M50B12T-F* | 3.0 | 0.12 | 1990.0 | 1 | B | 4 x 5.4 | 2000 |
| 0.22 | AVS224M50A12T-F* | 3.0 | 0.14 | 1055.0 | 2 | A | 3 x 5.4 | 2000 |
| 0.22 | AVS224M50B12T-F | 3.0 | 0.12 | 905.0 | 2 | B | 4 x 5.4 | 2000 |
| 0.33 | AVS334M50A12T-F* | 3.0 | 0.14 | 704.0 | 3 | A | 3 x 5.4 | 2000 |
| 0.33 | AVS334M50B12T-F | 3.0 | 0.12 | 603.0 | 3 | B | 4 x 5.4 | 2000 |
| 0.47 | AVS474M50A12T-F* | 3.0 | 0.14 | 494.0 | 5 | A | 3 x 5.4 | 2000 |
| 0.47 | AVS474M50B12T-F* | 3.0 | 0.12 | 424.0 | 5 | B | 4 x 5.4 | 2000 |
| 1 | AVS105M50A12T-F* | 3.0 | 0.14 | 232.0 | 8 | A | 3 x 5.4 | 2000 |
| 1 | AVS105M50B12T-F | 3.0 | 0.12 | 199.0 | 10 | B | 4 x 5.4 | 2000 |
| 2.2 | AVS225M50A12T-F* | 3.0 | 0.14 | 106.0 | 10 | A | 3 x 5.4 | 2000 |
| 2.2 | AVS225M50B12T-F | 3.0 | 0.12 | 90.5 | 16 | B | 4 x 5.4 | 2000 |
| 3.3 | AVS335M50B12T-F | 3.0 | 0.12 | 60.3 | 16 | B | 4 x 5.4 | 2000 |
| 4.7 | AVS475M50B12T-F | 3.0 | 0.14 | 49.4 | 18 | B | 4 x 5.4 | 2000 |
| 4.7 | AVS475M50C12T-F | 3.0 | 0.12 | 42.4 | 23 | C | 5 x 5.4 | 1000 |
| 10 | AVS106M50C12T-F | 5.0 | 0.14 | 23.2 | 27 | C | 5 x 5.4 | 1000 |
| 10 | AVS106M50D16T-F | 5.0 | 0.12 | 19.9 | 35 | D | 6.3 x 5.4 | 1000 |
| 22 | AVS226M50D16T-F | 11.0 | 0.14 | 10.6 | 60 | D | 6.3 x 5.4 | 1000 |
| 22 | AVS226M50E16T-F | 11.0 | 0.12 | 9.1 | 120 | E | 8 x 6.2 | 1000 |
| 33 | AVS336M50X16T-F | 16.5 | 0.12 | 6.0 | 85 | X | 6.3 x 7.9 | 900 |
| 33 | AVS336M50E16T-F | 16.5 | 0.12 | 6.0 | 130 | E | 8 x 6.2 | 1000 |
| 33 | AVS336M50F24T-F | 16.5 | 0.12 | 6.0 | 140 | F | 8 x 10.2 | 500 |
| 47 | AVS476M50X16T-F | 23.5 | 0.12 | 4.2 | 90 | X | 6.3 x 7.9 | 900 |
| 47 | AVS476M50F24T-F | 23.5 | 0.12 | 4.2 | 150 | F | 8 x 10.2 | 500 |
| 47 | AVS476M50G24T-F | 23.5 | 0.12 | 4.2 | 160 | G | 10 x 10.2 | 500 |
| 100 | AVS107M50F24T-F | 50.0 | 0.12 | 2.0 | 200 | F | 8 x 10.2 | 500 |
| 100 | AVS107M50G24T-F | 50.0 | 0.12 | 2.0 | 250 | G | 10 x 10.2 | 500 |
| 220 | AVS227M50G24T-F | 110.0 | 0.12 | 0.9 | 300 | G | 10 x 10.2 | 500 |
| 63 Vdc (75 Vdc Surge) | | | | | | | | |
| 10 | AVS106M63D16T-F | 6.3 | 0.18 | 29.9 | 35 | D* | 6.3 x 5.7 | 1000 |
| 22 | AVS226M63E16T-F | 13.9 | 0.18 | 13.6 | 40 | E | 8 x 6.2 | 1000 |
| 22 | AVS226M63F24T-F | 13.9 | 0.18 | 13.6 | 40 | F | 8 x 10.2 | 500 |
| 33 | AVS336M63F24T-F | 20.8 | 0.18 | 9.1 | 45 | F | 8 x 10.2 | 500 |
| 47 | AVS476M63F24T-F | 29.6 | 0.18 | 6.4 | 45 | F | 8 x 10.2 | 500 |
| 100 | AVS107M63G24T-F | 63.0 | 0.18 | 3.0 | 60 | G | 10 x 10.2 | 500 |
| 100 Vdc (125 Vdc Surge) | | | | | | | | |
| 3.3 | AVS335M2AE16T-F | 3.3 | 0.18 | 90.4 | 50 | E | 8 x 6.2 | 1000 |
| 4.7 | AVS475M2AE16T-F* | 4.7 | 0.18 | 63.5 | 50 | E | 8 x 6.2 | 1000 |
| 4.7 | AVS475M2AF24T-F* | 4.7 | 0.18 | 63.5 | 80 | F | 8 x 10.2 | 500 |
| 10 | AVS106M2AE16T-F | 10.0 | 0.18 | 29.8 | 50 | E | 8 x 6.2 | 1000 |
| 10 | AVS106M2AF24T-F | 10.0 | 0.18 | 29.8 | 85 | F | 8 x 10.2 | 500 |
| 22 | AVS226M2AF24T-F | 22.0 | 0.18 | 13.6 | 70 | F | 8 x 10.2 | 500 |
| 22 | AVS226M2AG24T-F | 22.0 | 0.18 | 13.6 | 90 | G | 10 x 10.2 | 500 |
| 33 | AVS336M2AG24T-F | 33.0 | 0.18 | 8.0 | 90 | G | 10 x 10.2 | 500 |

*Denotes discontinued part

*Overall case height (L dimension) is 5.7 mm ±0.3 mm

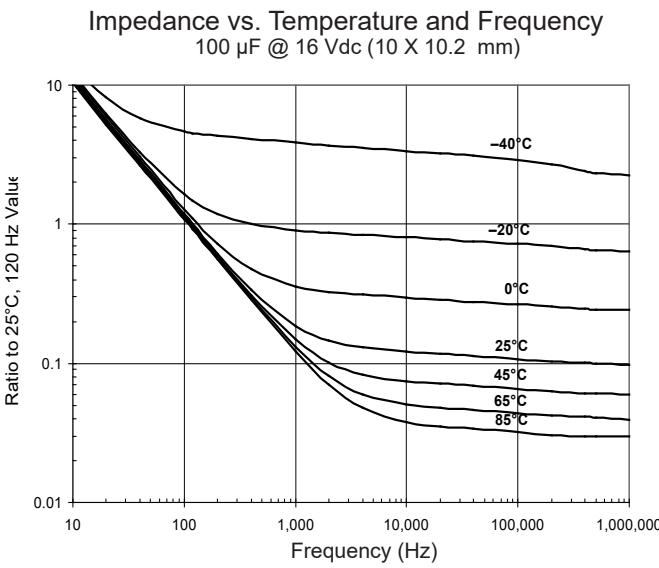
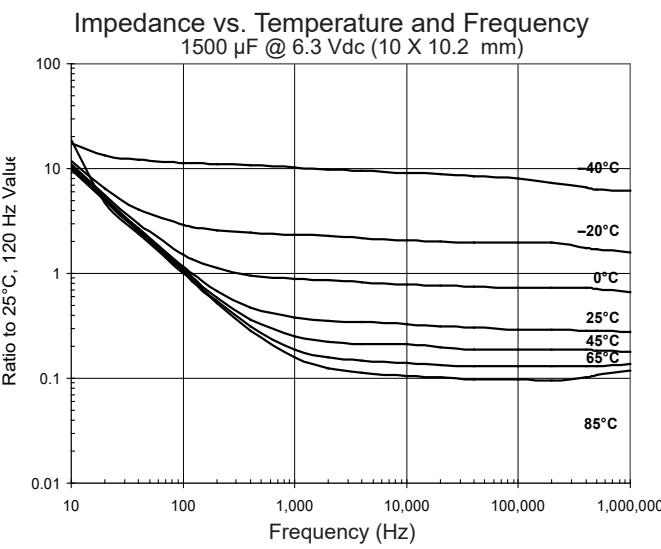
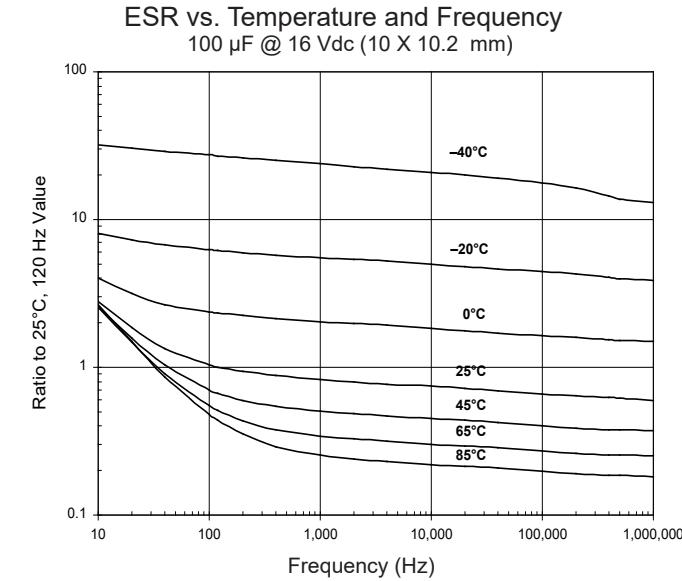
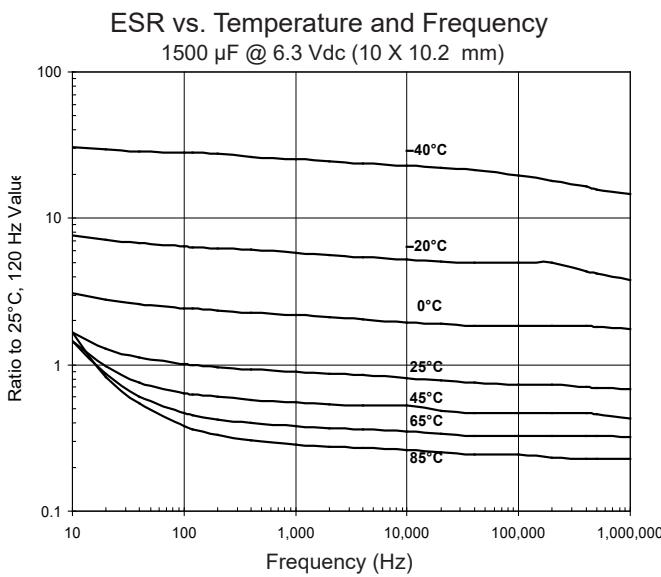
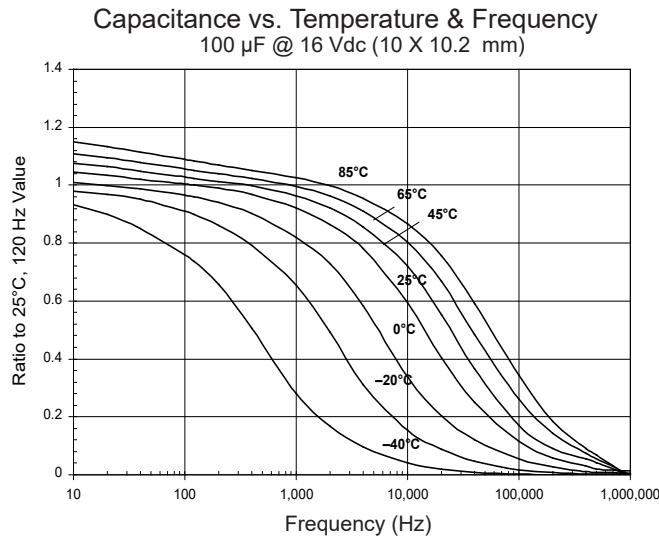
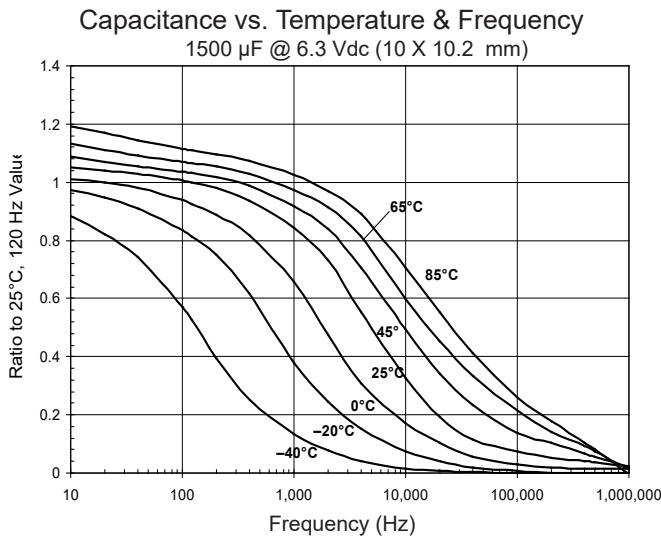
Part Numbering System

| AVS | 106 | M | 16 | B | 12T | -F |
|------|--------------------|-----------------------|--------------|--------------|------------------------------|----------------|
| | | | | | | |
| Type | Capacitance | Capacitance Tolerance | Voltage | Case Code | Packaging Information | RoHS Compliant |
| | 104 = 0.1 μ F | M = ±20% | 04 = 4 Vdc | 35 = 35 Vdc | 12 = Carrier Tape Width (mm) | |
| | 105 = 1.0 μ F | | 06 = 6.3 Vdc | 50 = 50 Vdc | T = Tape & Reel | |
| | 106 = 10 μ F | | 10 = 10 Vdc | 63 = 63 Vdc | B = Bulk | |
| | 107 = 100 μ F | | 16 = 16 Vdc | 2A = 100 Vdc | | |
| | 108 = 1000 μ F | | 25 = 25 Vdc | | | |

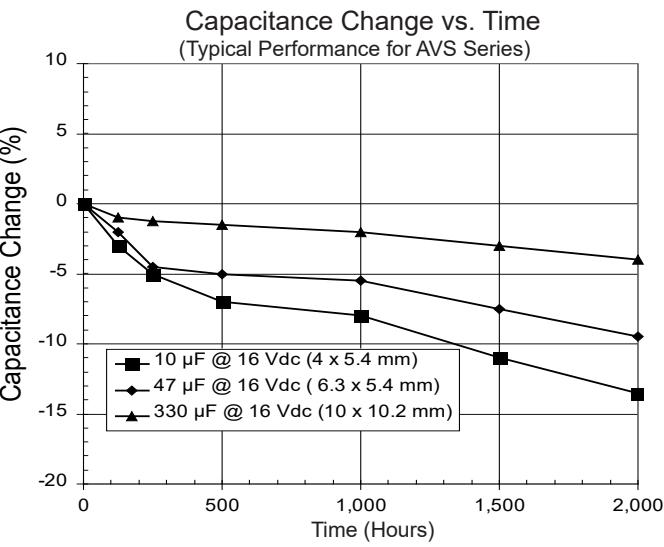
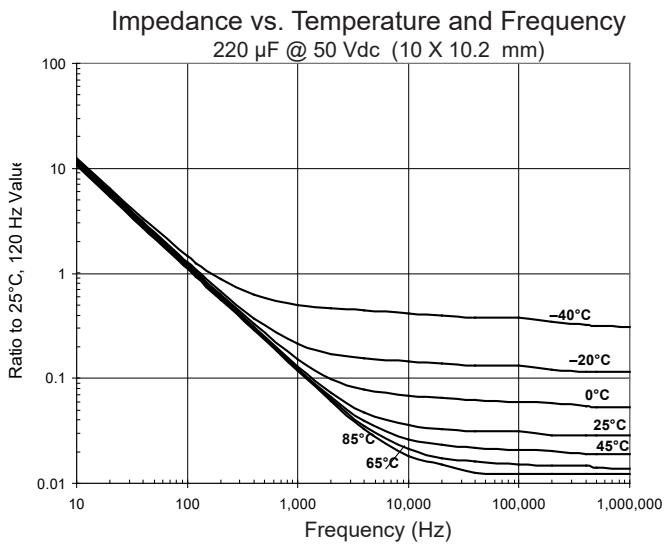
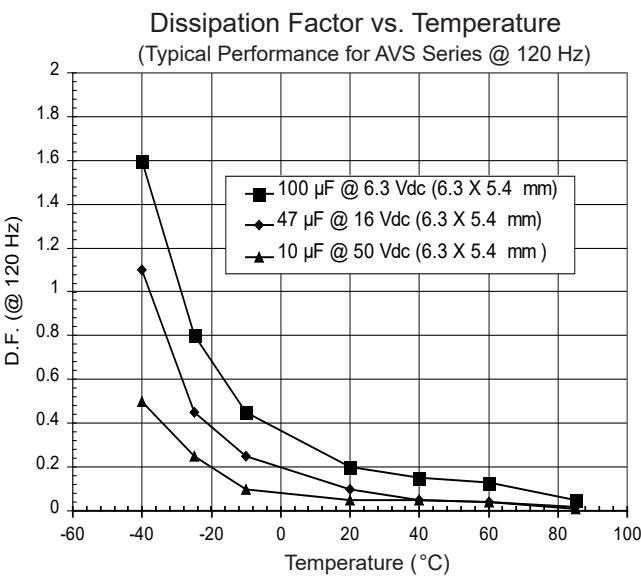
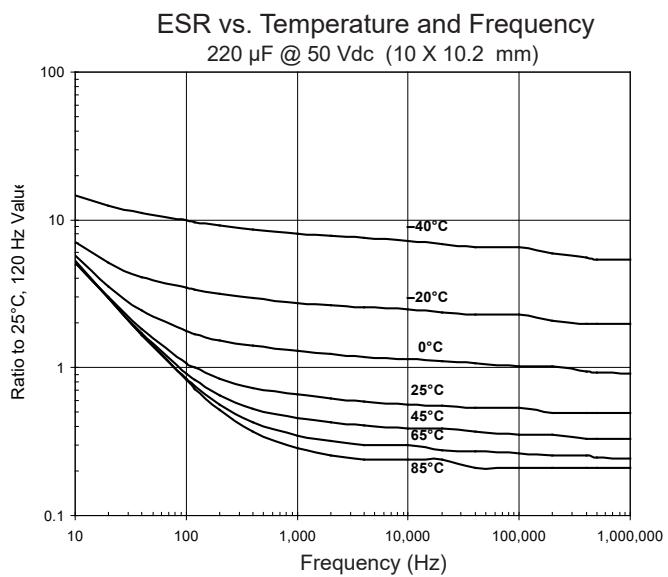
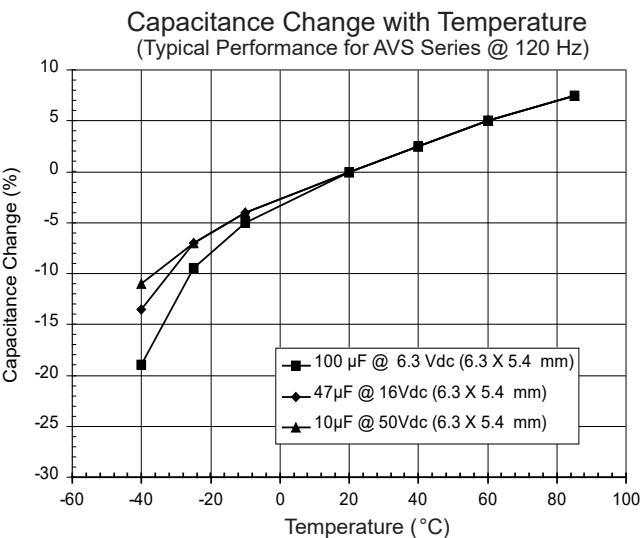
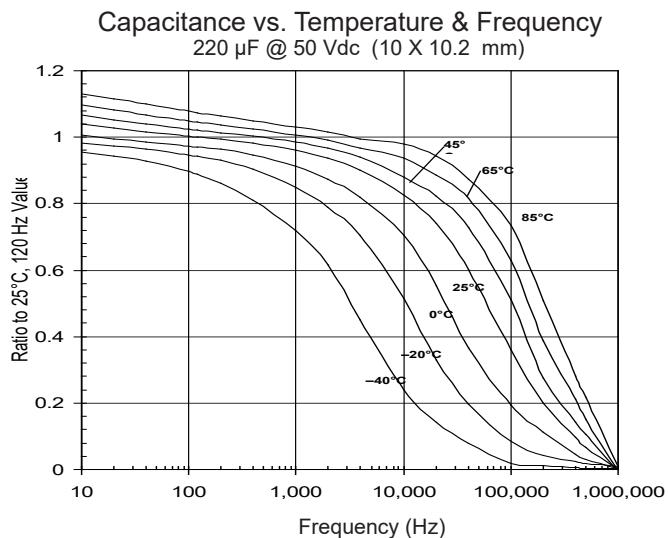
Type AVS

SMT Aluminum Electrolytic Capacitors - General Purpose, 85°C

Typical Performance Curves



SMT Aluminum Electrolytic Capacitors - General Purpose, 85°C



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