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# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

## Ultra-Ripple, Long Life Screw Terminal Type



Type 550C is the standard for motor drive and other high-ripple, long-life applications. It boasts more than 25% extra ripple capability per can size, but less capacitance than Type 520C. Expected operating life is more than 100,000 hours in typical applications. Type 550C is rated for 20,000 h life with full ripple current, rated voltage, 85 °C and 100 lfm airflow while mounted horizontally. Horizontal mounting is more severe than vertical mounting. The extended cathode foil of the 550C assures heat flow from the capacitor element to the can in all orientations.

### Highlights

- Load life up to 20,000 hours at 85 °C
- High ripple current
- ESRs to 7 mΩ

### Specifications

| Temperature Range                    | -40 °C to +105 °C  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
|--------------------------------------|--|-------------------------------|--|-------------------------------|--------------|---------------|------------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|------|------|------|------|------|------|------|-----------|--|--|--|--|--|--|--|--------------|--------------|---------------|---------------|--------------|--------------|------------------------|--------------------------------------|--|--|--|--|--|--|--|---------------------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|------|------|----------------------------------|--|--|--|--|--|--|--|---------------------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|------|------|
| Rated Voltage Range                  | 200 Vdc to 500 Vdc   |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Capacitance Range                    | 680 μF to 35,000 μF  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Capacitance Tolerance                | -10% +50%  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Leakage Current                      | ≤3 $\sqrt{CV}$ μA, 4 mA max, 5 minutes   |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Ripple Current Multipliers           | <table border="1"> <tr> <td colspan="7">Ambient Temperature</td> </tr> <tr> <td><b>45 °C</b></td> <td><b>55 °C</b></td> <td><b>65 °C</b></td> <td><b>75 °C</b></td> <td><b>85 °C</b></td> <td><b>95 °C</b></td> <td><b>105 °C</b></td> </tr> <tr> <td>1.66</td> <td>1.52</td> <td>1.37</td> <td>1.20</td> <td>1.00</td> <td>0.75</td> <td>0.36</td> </tr> </table><br><table border="1"> <tr> <td colspan="7">Frequency</td> </tr> <tr> <td></td> <td><b>50 Hz</b></td> <td><b>60 Hz</b></td> <td><b>120 Hz</b></td> <td><b>360 Hz</b></td> <td><b>1 kHz</b></td> <td><b>5 kHz</b></td> <td><b>10 kHz &amp; up</b></td> </tr> <tr> <td colspan="8"><b>1 3/8" &amp; 2 1/2" Diameters</b></td> </tr> <tr> <td><b>200 to 350 V</b></td> <td>0.77</td> <td>0.82</td> <td>1.00</td> <td>1.21</td> <td>1.32</td> <td>1.37</td> <td>1.38</td> </tr> <tr> <td><b>400 to 500 V</b></td> <td>0.73</td> <td>0.78</td> <td>1.00</td> <td>1.33</td> <td>1.53</td> <td>1.66</td> <td>1.68</td> </tr> <tr> <td colspan="8"><b>3" &amp; 3 1/2" Diameters</b></td> </tr> <tr> <td><b>200 to 350 V</b></td> <td>0.80</td> <td>0.85</td> <td>1.00</td> <td>1.17</td> <td>1.24</td> <td>1.28</td> <td>1.29</td> </tr> <tr> <td><b>400 to 500 V</b></td> <td>0.73</td> <td>0.79</td> <td>1.00</td> <td>1.31</td> <td>1.51</td> <td>1.63</td> <td>1.65</td> </tr> </table> | Ambient Temperature           |  |                               |              |               |                        |         | <b>45 °C</b> | <b>55 °C</b> | <b>65 °C</b> | <b>75 °C</b> | <b>85 °C</b> | <b>95 °C</b> | <b>105 °C</b> | 1.66 | 1.52 | 1.37 | 1.20 | 1.00 | 0.75 | 0.36 | Frequency |  |  |  |  |  |  |  | <b>50 Hz</b> | <b>60 Hz</b> | <b>120 Hz</b> | <b>360 Hz</b> | <b>1 kHz</b> | <b>5 kHz</b> | <b>10 kHz &amp; up</b> | <b>1 3/8" &amp; 2 1/2" Diameters</b> |  |  |  |  |  |  |  | <b>200 to 350 V</b> | 0.77 | 0.82 | 1.00 | 1.21 | 1.32 | 1.37 | 1.38 | <b>400 to 500 V</b> | 0.73 | 0.78 | 1.00 | 1.33 | 1.53 | 1.66 | 1.68 | <b>3" &amp; 3 1/2" Diameters</b> |  |  |  |  |  |  |  | <b>200 to 350 V</b> | 0.80 | 0.85 | 1.00 | 1.17 | 1.24 | 1.28 | 1.29 | <b>400 to 500 V</b> | 0.73 | 0.79 | 1.00 | 1.31 | 1.51 | 1.63 | 1.65 |
| Ambient Temperature                  |  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>45 °C</b>                         | <b>55 °C</b>   | <b>65 °C</b>                  | <b>75 °C</b>                                     | <b>85 °C</b>                  | <b>95 °C</b> | <b>105 °C</b> |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| 1.66                                 | 1.52   | 1.37                          | 1.20   | 1.00                          | 0.75         | 0.36          |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Frequency                            |  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
|                                      | <b>50 Hz</b>   | <b>60 Hz</b>                  | <b>120 Hz</b>                                    | <b>360 Hz</b>                 | <b>1 kHz</b> | <b>5 kHz</b>  | <b>10 kHz &amp; up</b> |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>1 3/8" &amp; 2 1/2" Diameters</b> |  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>200 to 350 V</b>                  | 0.77   | 0.82                          | 1.00   | 1.21                          | 1.32         | 1.37          | 1.38                   |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>400 to 500 V</b>                  | 0.73   | 0.78                          | 1.00   | 1.33                          | 1.53         | 1.66          | 1.68                   |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>3" &amp; 3 1/2" Diameters</b>     |  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>200 to 350 V</b>                  | 0.80   | 0.85                          | 1.00   | 1.17                          | 1.24         | 1.28          | 1.29                   |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| <b>400 to 500 V</b>                  | 0.73   | 0.79                          | 1.00   | 1.31                          | 1.51         | 1.63          | 1.65                   |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Low Temperature Characteristics      | Impedance ratio: $Z_{-20°C}/Z_{+25°C}$<br>≤ 3 (200–500 Vdc)  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Endurance Life Test                  | 5,000 hr. load life at 85 °C<br>10,000 hr. load life at 105 °C<br>Δ Capacitance ±20%<br>ESR 200% of limit<br>DCL 100% of limit   |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Operating Life                       | <table border="1"> <thead> <tr> <th>Diameter</th> <th>Rated Voltage and Ripple Current @105 °C (hours)</th> <th>Rated Voltage @105 °C (hours)</th> </tr> </thead> <tbody> <tr> <td>2½" (66)</td> <td>15000</td> <td>18000</td> </tr> <tr> <td>3" (77)</td> <td>15000</td> <td>18000</td> </tr> <tr> <td>3½" (90)</td> <td>15000</td> <td>18000</td> </tr> </tbody> </table> <p>Load life up to 20000 hours at 105 °C with 90% VDC</p>  | Diameter                      | Rated Voltage and Ripple Current @105 °C (hours) | Rated Voltage @105 °C (hours) | 2½" (66)     | 15000         | 18000                  | 3" (77) | 15000        | 18000        | 3½" (90)     | 15000        | 18000        |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Diameter                             | Rated Voltage and Ripple Current @105 °C (hours)   | Rated Voltage @105 °C (hours) |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| 2½" (66)                             | 15000  | 18000                         |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| 3" (77)                              | 15000  | 18000                         |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| 3½" (90)                             | 15000  | 18000                         |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Shelf Life Test                      | 500 h at 105 °C<br>Capacitance 100% of limit<br>ESR 100% of limit<br>DCL 100% of limit   |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |
| Vibration                            | 10 to 55 Hz, 0.06" and 10 g max, 1.5 h each of two axis  |                               |  |                               |              |               |                        |         |              |              |              |              |              |              |               |      |      |      |      |      |      |      |           |  |  |  |  |  |  |  |              |              |               |               |              |              |                        |                                      |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |                                  |  |  |  |  |  |  |  |                     |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |

RoHS Compliant

# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

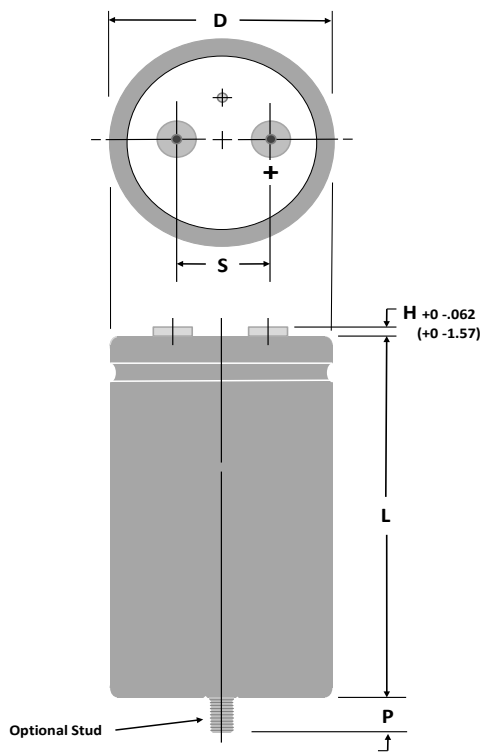
## Ultra-Ripple, Long Life Screw Terminal Type

### Part Numbering System

|             |                    |  |                |                  |                                      |  |  |
|-------------|--------------------|--|----------------|------------------|--------------------------------------|--|--|
| 550C        | 812                | T  | 450            | FG               | 2                                    | D  | S  |
|             |                    |  |                |                  |                                      |  |  |
| <b>Type</b> | <b>Capacitance</b> | <b>Tolerance</b>                         | <b>Voltage</b> | <b>Case Code</b> | <b>Insulation</b>                    | <b>Terminal</b>  | <b>Can Style</b>   |
|             | 812 = 8100 µF      | M = ±20%<br>U = -10%+75%<br>T = -10%+50% | 200 = 200 Vdc  |                  | 0 = None<br>1 = Polyester<br>2 = PVC | A = Low Post<br>B = High Post<br>D = High Current, Low Post<br>E = High Current, High Post<br>F = M5 Post<br>M = M5 Post, Small<br>G = M6 Low Post<br>H = M6 High Post | Blank = Standard Can<br>S = Stud Bottom<br>P = Stud with Thermal Pad |

Standard insulation is 0.008-in PVC sleeve with 0.01-in polypropylene end disk.  
Polyester insulation is not available for 3.5 inch diameter units.

### Outline Drawing



### Stud Dimensions

| Case Diam. | Stud Thread | P ± 0.039" (±1.0 mm) |
|------------|-------------|----------------------|
| 1.375      | M8          | 0.470" (12.0)        |
| 1.750      | M8          | 0.470" (12.0)        |
| 2.000      | M12         | 0.630" (16.0)        |
| 2.500      | M12         | 0.630" (16.0)        |
| 3.000      | M12         | 0.630" (16.0)        |
| 3.500      | M12         | 0.630" (16.0)        |

NOTE: With the stud-mount feature, a thermally-conductive disk can be inserted in the bottom flush with the outer insulating sleeve. This reduces the thermal resistance through the can bottom by 0.3 °C/W. Can Style P.

### Terminal Dimensions

| Terminal Style     | For Case Diameters | Code | Post Diameter |      | H max |     | Thread | min Full Thread |      | Torque |      |
|--------------------|--------------------|------|---------------|------|-------|-----|--------|-----------------|------|--------|------|
|                    |                    |      | in            | mm   | in    | mm  |        | in              | mm   | in-lb  | N-m  |
| Low Post           | 1 3/8 to 3         | A    | 0.314         | 8.0  | 0.094 | 2.4 | 10-32  | 0.218           | 5.5  | 25     | 2.82 |
| High Post          | 1 3/8 to 3         | B    | 0.314         | 8.0  | 0.281 | 7.1 | 10-32  | 0.375           | 9.5  | 25     | 2.82 |
| High Current, Low  | 2 1/2 to 3 1/2     | D    | 0.684         | 17.4 | 0.125 | 3.2 | 1/4-28 | 0.344           | 8.7  | 50     | 5.65 |
| High Current, High | 2 1/2 to 3 1/2     | E    | 0.684         | 17.4 | 0.281 | 7.1 | 1/4-28 | 0.469           | 11.9 | 60     | 6.78 |
| M5 Post, Small     | 1 3/8 to 2         | M    | 0.314         | 8.0  | 0.281 | 7.1 | M5     | 0.375           | 9.5  | 25     | 2.82 |
| M5 Post            | 2 1/2 & 3          | F    | 0.512         | 13.0 | 0.230 | 5.8 | M5     | 0.344           | 8.7  | 25     | 2.82 |
| M6 Low Post        | 2 1/2 to 3 1/2     | G    | 0.684         | 17.4 | 0.125 | 3.2 | M6     | 0.344           | 8.7  | 50     | 5.65 |
| M6 High Post       | 2 1/2 to 3 1/2     | H    | 0.684         | 17.4 | 0.281 | 7.1 | M6     | 0.469           | 11.9 | 60     | 6.78 |

NOTE: Only high post and M5 post terminals are available at 550 Vdc as they meet the required creepage distance.

# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

## Ultra-Ripple, Long Life Screw Terminal Type

### Uninsulated Case Dimensions

For insulated case, add 0.024"(0.610 mm) to "D" and 0.030"(0.762 mm) to length.

| Case Code | Diam. (D)    |         | Length (L)   |          | Terminals (S) |         | Typical Weight |        |
|-----------|--------------|---------|--------------|----------|---------------|---------|----------------|--------|
|           | ±.031 Inches | ±.78 mm | ±.062 Inches | ±1.57 mm | ±0.015 Inches | ±.38 mm | oz             | g      |
| AK        | 1.375        | 34.93   | 1.625        | 41.28    | 0.50          | 12.70   | 1.9            | 54     |
| AA        | 1.375        | 34.93   | 2.125        | 53.98    | 0.50          | 12.70   | 2.0            | 57     |
| AH        | 1.375        | 34.93   | 2.625        | 66.68    | 0.50          | 12.70   | 2.7            | 77     |
| AB        | 1.375        | 34.93   | 3.125        | 79.38    | 0.50          | 12.70   | 3.3            | 94     |
| AJ        | 1.375        | 34.93   | 3.625        | 92.08    | 0.50          | 12.70   | 3.8            | 108    |
| AC        | 1.375        | 34.93   | 4.125        | 104.78   | 0.50          | 12.70   | 4.4            | 125    |
| AD        | 1.375        | 34.93   | 4.625        | 117.48   | 0.50          | 12.70   | 5.1            | 145    |
| AE        | 1.375        | 34.93   | 5.125        | 130.18   | 0.50          | 12.70   | 6.8            | 193    |
| AF        | 1.375        | 34.93   | 5.625        | 142.88   | 0.50          | 12.70   | 8.1            | 230    |
| EA        | 1.750        | 44.45   | 2.125        | 53.98    | 0.75          | 19.05   | 2.7            | 76     |
| EH        | 1.750        | 44.45   | 2.625        | 66.68    | 0.75          | 19.05   | 3.8            | 108    |
| EB        | 1.750        | 44.45   | 3.125        | 79.38    | 0.75          | 19.05   | 5.1            | 145    |
| EJ        | 1.750        | 44.45   | 3.625        | 92.08    | 0.75          | 19.05   | 6.8            | 193    |
| EC        | 1.750        | 44.45   | 4.125        | 104.78   | 0.75          | 19.05   | 8.1            | 230    |
| ED        | 1.750        | 44.45   | 4.625        | 117.48   | 0.75          | 19.05   | 9.0            | 255    |
| EE        | 1.750        | 44.45   | 5.125        | 130.18   | 0.75          | 19.05   | 9.5            | 269    |
| EF        | 1.750        | 44.45   | 5.625        | 142.88   | 0.75          | 19.05   | 10.5           | 298    |
| BA        | 2.000        | 50.80   | 2.125        | 53.98    | 0.88          | 22.23   | 5.4            | 153    |
| BH        | 2.000        | 50.80   | 2.625        | 66.68    | 0.88          | 22.23   | 6.1            | 173    |
| BB        | 2.000        | 50.80   | 3.125        | 79.38    | 0.88          | 22.23   | 6.8            | 193    |
| BJ        | 2.000        | 50.80   | 3.625        | 92.08    | 0.88          | 22.23   | 8.2            | 232    |
| BC        | 2.000        | 50.80   | 4.125        | 104.78   | 0.88          | 22.23   | 9.5            | 269    |
| BD        | 2.000        | 50.80   | 4.625        | 117.48   | 0.88          | 22.23   | 10.3           | 292    |
| BE        | 2.000        | 50.80   | 5.125        | 130.18   | 0.88          | 22.23   | 10.7           | 303    |
| BF        | 2.000        | 50.80   | 5.625        | 142.88   | 0.88          | 22.23   | 13.0           | 369    |
| CH        | 2.500        | 63.50   | 2.625        | 66.68    | 1.13          | 28.58   | 9.2            | 261    |
| CB        | 2.500        | 63.50   | 3.125        | 79.38    | 1.13          | 28.58   | 10.4           | 295    |
| CJ        | 2.500        | 63.50   | 3.625        | 92.08    | 1.13          | 28.58   | 12.7           | 361    |
| CC        | 2.500        | 63.50   | 4.125        | 104.78   | 1.13          | 28.58   | 15.0           | 425    |
| CD        | 2.500        | 63.50   | 4.625        | 117.48   | 1.13          | 28.58   | 17.2           | 488    |
| CE        | 2.500        | 63.50   | 5.125        | 130.18   | 1.13          | 28.58   | 19.3           | 547    |
| CF        | 2.500        | 63.50   | 5.625        | 142.88   | 1.13          | 28.58   | 21.4           | 607    |
| DB        | 3.000        | 76.20   | 3.125        | 79.38    | 1.25          | 31.75   | 16.7           | 473    |
| DJ        | 3.000        | 76.20   | 3.625        | 92.08    | 1.25          | 31.75   | 20.0           | 567    |
| DC        | 3.000        | 76.20   | 4.125        | 104.78   | 1.25          | 31.75   | 22.2           | 629    |
| DD        | 3.000        | 76.20   | 4.625        | 117.48   | 1.25          | 31.75   | 25.5           | 723    |
| DE        | 3.000        | 76.20   | 5.125        | 130.18   | 1.25          | 31.75   | 30.0           | 850    |
| DF        | 3.000        | 76.20   | 5.625        | 142.88   | 1.25          | 31.75   | 31.9           | 904    |
| DM        | 3.000        | 76.20   | 6.625        | 168.28   | 1.25          | 31.75   | 34.4           | 933.5  |
| DP        | 3.000        | 76.20   | 5.875        | 149.23   | 1.25          | 31.75   | 32.8           | 931    |
| DN        | 3.000        | 76.20   | 7.625        | 193.68   | 1.25          | 31.75   | 39.5           | 1119   |
| DG        | 3.000        | 76.20   | 8.625        | 219.08   | 1.25          | 31.75   | 43.3           | 1227   |
| FC        | 3.500        | 88.90   | 4.125        | 104.78   | 1.25          | 31.75   | 30.0           | 850    |
| FD        | 3.500        | 88.90   | 4.625        | 117.48   | 1.25          | 31.75   | 34.4           | 976    |
| FE        | 3.500        | 88.90   | 5.125        | 130.18   | 1.25          | 31.75   | 40.5           | 1148   |
| FF        | 3.500        | 88.90   | 5.625        | 142.88   | 1.25          | 31.75   | 43.1           | 1221   |
| FP        | 3.500        | 88.90   | 5.875        | 149.23   | 1.25          | 31.75   | 44.3           | 1257   |
| FN        | 3.500        | 88.90   | 7.625        | 193.68   | 1.25          | 31.75   | 53.3           | 1512   |
| FG        | 3.500        | 88.90   | 8.625        | 219.08   | 1.25          | 31.75   | 58.5           | 1658   |
| FM        | 3.500        | 88.90   | 6.625        | 168.28   | 1.25          | 31.75   | 46.4           | 1315.4 |

# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

## Ultra-Ripple, Long Life Screw Terminal Type

### Ratings

| MFD            | CATALOG NO.     | ESR MAX. Ripple Current Max |               |               |               | CASE SIZE<br>DIA X LENGTH |
|----------------|-----------------|-----------------------------|---------------|---------------|---------------|---------------------------|
|                |                 | @ 25°C                      | @85°C         | @ 105°C       |               |                           |
|                |                 | 120 Hz<br>(mOhms)           | 120 Hz<br>(A) | 120 Hz<br>(A) |               |                           |
| <b>200 VDC</b> |                 |                             |               |               |               |                           |
| 2800           | 550C282T200CH2B | 45.4                        | 10.5          | 3.8           | 2 1/2 X 2 5/8 |                           |
| 4000           | 550C402T200CB2B | 32.6                        | 13.2          | 4.7           | 2 1/2 X 3 1/8 |                           |
| 5100           | 550C512T200CJ2B | 25.5                        | 15.6          | 5.6           | 2 1/2 X 3 5/8 |                           |
| 6200           | 550C622T200CC2B | 20.6                        | 18.1          | 6.5           | 2 1/2 X 4 1/8 |                           |
| 7300           | 550C732T200CD2B | 17.6                        | 20.3          | 7.3           | 2 1/2 X 4 5/8 |                           |
| 7300           | 550C732T200DJ2B | 21.2                        | 19.1          | 6.9           | 3 X 3 5/8     |                           |
| 8500           | 550C852T200CE2B | 15.5                        | 22.5          | 8.1           | 2 1/2 X 5 1/8 |                           |
| 9000           | 550C902T200DC2B | 17.6                        | 21.9          | 7.9           | 3 X 4 1/8     |                           |
| 9600           | 550C962T200CF2B | 13.8                        | 24.5          | 8.8           | 2 1/2 X 5 5/8 |                           |
| 11000          | 550C113T200DD2B | 15.1                        | 24.5          | 8.8           | 3 X 4 5/8     |                           |
| 12000          | 550C123T200DE2B | 13.3                        | 27.0          | 9.7           | 3 X 5 1/8     |                           |
| 13000          | 550C133T200FC2D | 18.0                        | 23.8          | 8.6           | 3 1/2 X 4 1/8 |                           |
| 14000          | 550C143T200DF2B | 11.9                        | 29.4          | 10.6          | 3 X 5 5/8     |                           |
| 15000          | 550C153T200DP2D | 11.4                        | 30.6          | 11.0          | 3 X 5 7/8     |                           |
| 16000          | 550C163T200FD2D | 15.3                        | 26.8          | 9.6           | 3 1/2 X 4 5/8 |                           |
| 18000          | 550C183T200FE2D | 13.6                        | 29.4          | 10.6          | 3 1/2 X 5 1/8 |                           |
| 20000          | 550C203T200FF2D | 12.2                        | 31.9          | 11.5          | 3 1/2 X 5 5/8 |                           |
| 21000          | 550C213T200DN2D | 9.5                         | 36.8          | 13.2          | 3 X 7 5/8     |                           |
| 22000          | 550C223T200FP2D | 11.6                        | 33.2          | 11.9          | 3 1/2 X 5 7/8 |                           |
| 24000          | 550C243T200DG2D | 8.2                         | 40.4          | 14.6          | 3 X 8 5/8     |                           |
| 30000          | 550C303T200FN2D | 9.3                         | 40.6          | 14.6          | 3 1/2 X 7 5/8 |                           |
| 35000          | 550C353T200FG2D | 7.9                         | 44.9          | 16.2          | 3 1/2 X 8 5/8 |                           |
| <b>250 VDC</b> |                 |                             |               |               |               |                           |
| 2100           | 550C212T250CH2B | 58.6                        | 9.3           | 3.3           | 2 1/2 X 2 5/8 |                           |
| 4200           | 550C422T250DB2B | 33.5                        | 14.5          | 5.2           | 2 1/2 X 3 1/8 |                           |
| 4600           | 550C462T250CC2B | 27.1                        | 15.8          | 5.7           | 2 1/2 X 4 1/8 |                           |
| 5400           | 550C542T250CD2B | 23.1                        | 17.8          | 6.4           | 2 1/2 X 4 5/8 |                           |
| 5400           | 550C542T250DJ2B | 25.9                        | 17.3          | 6.2           | 3 X 3 5/8     |                           |
| 6200           | 550C622T250CE2B | 19.8                        | 19.9          | 7.2           | 2 1/2 X 5 1/8 |                           |
| 6600           | 550C662T250DC2B | 21.5                        | 19.9          | 7.1           | 3 X 4 1/8     |                           |
| 7100           | 550C712T250CF2B | 17.6                        | 21.7          | 7.8           | 2 1/2 X 5 5/8 |                           |
| 7800           | 550C782T250DD2B | 18.3                        | 22.3          | 8.0           | 3 X 4 5/8     |                           |
| 9000           | 550C902T250DE2B | 16.1                        | 24.6          | 8.9           | 3 X 5 1/8     |                           |
| 9700           | 550C973T250FC2D | 19.1                        | 23.1          | 8.3           | 3 1/2 X 4 1/8 |                           |
| 10000          | 550C103T250DF2B | 14.4                        | 26.8          | 9.6           | 3 X 5 5/8     |                           |
| 11000          | 550C113T250DP2B | 13.2                        | 28.2          | 10.2          | 3 X 5 7/8     |                           |
| 11000          | 550C113T250FD2D | 16.6                        | 25.8          | 9.3           | 3 1/2 X 4 5/8 |                           |
| 13000          | 550C133T250FE2D | 14.5                        | 28.4          | 10.2          | 3 1/2 X 5 1/8 |                           |

| MFD            | CATALOG NO.     | ESR MAX. Ripple Current Max |               |               |               | CASE SIZE<br>DIA X LENGTH |
|----------------|-----------------|-----------------------------|---------------|---------------|---------------|---------------------------|
|                |                 | @ 25°C                      | @85°C         | @ 105°C       |               |                           |
|                |                 | 120 Hz<br>(mOhms)           | 120 Hz<br>(A) | 120 Hz<br>(A) |               |                           |
| <b>250 VDC</b> |                 |                             |               |               |               |                           |
| 15000          | 550C153T250DN2D | 10.9                        | 34.4          | 12.4          | 3 X 7 5/8     |                           |
| 15000          | 550C153T250FF2D | 12.8                        | 31.2          | 11.2          | 3 1/2 X 5 5/8 |                           |
| 16000          | 550C163T250FP2D | 12.2                        | 32.3          | 11.6          | 3 1/2 X 5 7/8 |                           |
| 17000          | 550C173T250DG2D | 9.2                         | 38.3          | 13.8          | 3 X 8 5/8     |                           |
| 22000          | 550C223T250FN2D | 9.9                         | 39.5          | 14.2          | 3 1/2 X 7 5/8 |                           |
| 25000          | 550C253T250FG2D | 8.4                         | 43.7          | 15.7          | 3 1/2 X 8 5/8 |                           |
| <b>300 VDC</b> |                 |                             |               |               |               |                           |
| 1600           | 550C162T300CH2B | 90.7                        | 7.4           | 2.7           | 2 1/2 X 2 5/8 |                           |
| 2200           | 550C222T300CB2B | 65.1                        | 9.3           | 3.4           | 2 1/2 X 3 1/8 |                           |
| 2800           | 550C282T300CJ2B | 50.8                        | 11.1          | 4.0           | 2 1/2 X 3 5/8 |                           |
| 3400           | 550C342T300DB2B | 43.7                        | 12.7          | 4.6           | 3 X 3 1/8     |                           |
| 3500           | 550C352T300CC2B | 41.6                        | 12.8          | 4.6           | 2 1/2 X 4 1/8 |                           |
| 4100           | 550C412T300CD2B | 35.5                        | 14.4          | 5.2           | 2 1/2 X 4 5/8 |                           |
| 4400           | 550C442T300DJ2B | 34.2                        | 15.1          | 5.4           | 3 X 3 5/8     |                           |
| 4700           | 550C472T300CE2B | 31.0                        | 15.9          | 5.7           | 2 1/2 X 5 1/8 |                           |
| 5300           | 550C532T300CF2B | 27.1                        | 17.5          | 6.3           | 2 1/2 X 5 5/8 |                           |
| 5400           | 550C542T300DC2B | 28.3                        | 17.3          | 6.2           | 3 X 4 1/8     |                           |
| 6400           | 550C642T300DD2B | 24.1                        | 19.4          | 7.0           | 3 X 4 5/8     |                           |
| 7200           | 550C722T300FC2D | 21.8                        | 21.7          | 7.8           | 3 1/2 X 4 1/8 |                           |
| 7400           | 550C742T300DE2B | 21.1                        | 21.5          | 7.7           | 3 X 5 1/8     |                           |
| 8300           | 550C832T300DF2B | 18.8                        | 23.4          | 8.4           | 3 X 5 5/8     |                           |
| 8600           | 550C862T300FD2D | 18.6                        | 24.3          | 8.8           | 3 1/2 X 4 5/8 |                           |
| 8800           | 550C882T300DP2B | 17.9                        | 24.3          | 8.8           | 3 X 5 7/8     |                           |
| 9900           | 550C993T300FE2D | 16.2                        | 26.8          | 9.7           | 3 1/2 X 5 1/8 |                           |
| 11000          | 550C113T300FF2D | 14.0                        | 29.6          | 10.7          | 3 1/2 X 5 5/8 |                           |
| 12000          | 550C123T300FP2D | 13.3                        | 30.8          | 11.1          | 3 1/2 X 5 7/8 |                           |
| 12000          | 550C123T300DN2B | 14.4                        | 30.0          | 10.8          | 3 X 7 5/8     |                           |
| 14000          | 550C143T300DG2D | 12.2                        | 33.3          | 12.0          | 3 X 8 5/8     |                           |
| 16000          | 550C163T300FN2D | 10.7                        | 38.1          | 13.7          | 3 1/2 X 7 5/8 |                           |
| 18000          | 550C183T300FG2D | 8.9                         | 42.3          | 15.2          | 3 1/2 X 8 5/8 |                           |
| <b>350 VDC</b> |                 |                             |               |               |               |                           |
| 1300           | 550C132T350CH2B | 100.6                       | 7.1           | 2.5           | 2 1/2 X 2 5/8 |                           |
| 1800           | 550C182T350CB2B | 72.0                        | 8.8           | 3.2           | 2 1/2 X 3 1/8 |                           |
| 2300           | 550C232T350CJ2B | 56.3                        | 10.5          | 3.8           | 2 1/2 X 3 5/8 |                           |
| 2800           | 550C282T350CC2B | 46.4                        | 12.1          | 4.4           | 2 1/2 X 4 1/8 |                           |
| 2800           | 550C282T350DB2B | 47.8                        | 12.2          | 4.4           | 3 X 3 1/8     |                           |
| 3300           | 550C332T350CD2B | 39.4                        | 13.6          | 4.9           | 2 1/2 X 4 5/8 |                           |
| 3600           | 550C362T350DJ2B | 37.4                        | 14.5          | 5.2           | 3 X 3 5/8     |                           |

# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

## Ultra-Ripple, Long Life Screw Terminal Type

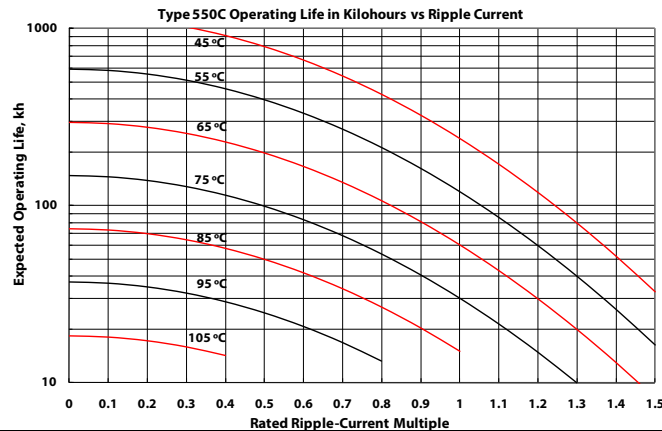
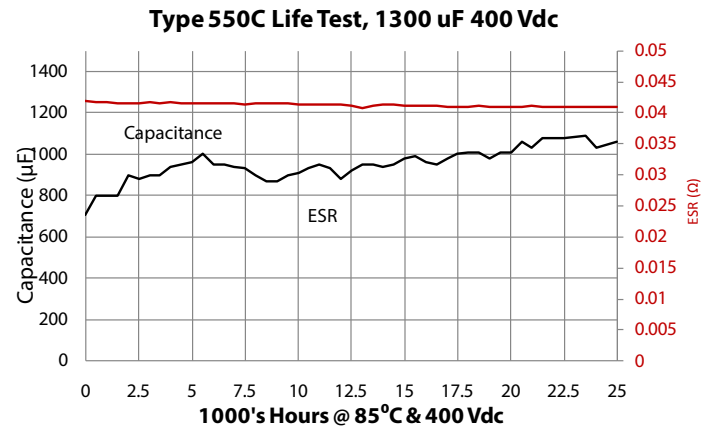
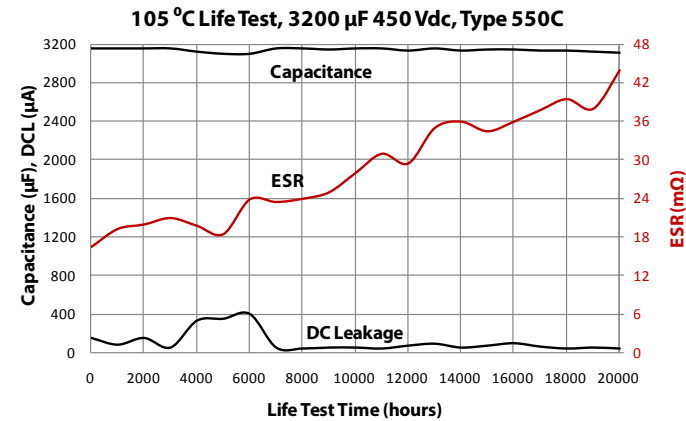
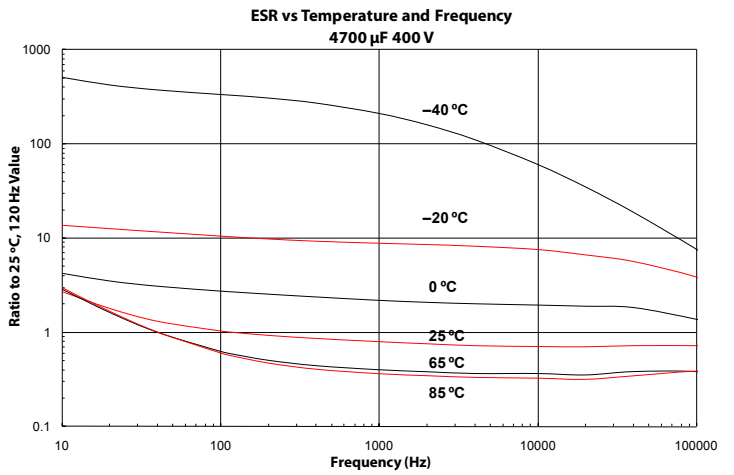
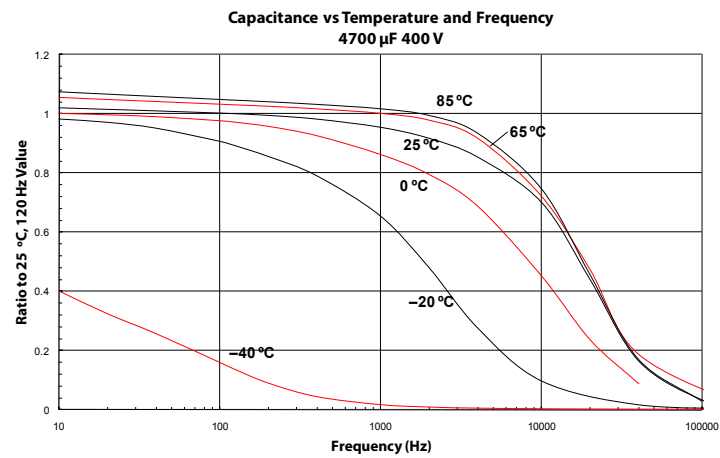
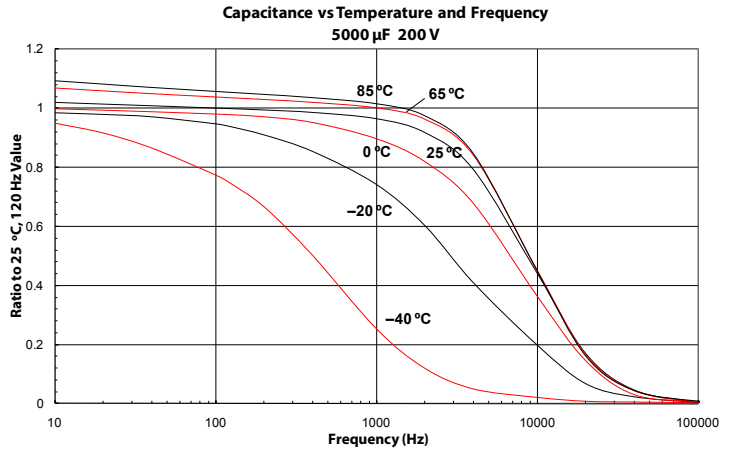
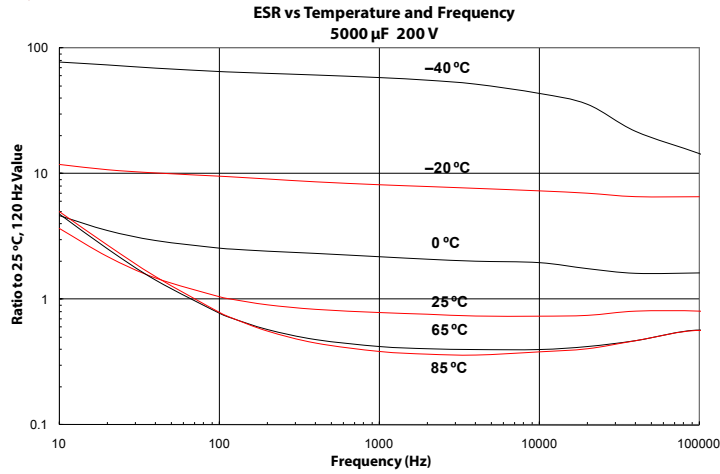
| MFD            | CATALOG NO.     | ESR MAX. Ripple Current Max |               |               |               | CASE SIZE<br>DIA X LENGTH |
|----------------|-----------------|-----------------------------|---------------|---------------|---------------|---------------------------|
|                |                 | @ 25°C                      | @85°C         | @ 105°C       |               |                           |
|                |                 | 120 Hz<br>(mOhms)           | 120 Hz<br>(A) | 120 Hz<br>(A) |               |                           |
| <b>350 VDC</b> |                 |                             |               |               |               |                           |
| 3800           | 550C382T350CE2B | 34.5                        | 15.1          | 5.4           | 2 1/2 X 5 1/8 |                           |
| 4300           | 550C432T350CF2B | 29.9                        | 16.7          | 6.0           | 2 1/2 X 5 5/8 |                           |
| 4400           | 550C442T350DC2B | 30.9                        | 16.6          | 6.0           | 3 X 4 1/8     |                           |
| 5100           | 550C512T350DD2B | 26.3                        | 18.6          | 6.7           | 3 X 4 5/8     |                           |
| 5800           | 550C582T350FC2D | 23.8                        | 20.8          | 7.5           | 3 1/2 X 4 1/8 |                           |
| 5900           | 550C592T350DE2B | 23.0                        | 20.6          | 7.4           | 3 X 5 1/8     |                           |
| 6700           | 550C672T350DF2B | 20.5                        | 22.4          | 8.1           | 3 X 5 5/8     |                           |
| 6900           | 550C692T350FD2D | 20.3                        | 23.3          | 8.4           | 3 1/2 X 4 5/8 |                           |
| 7100           | 550C712T350DP2B | 19.5                        | 23.3          | 8.4           | 3 X 5 7/8     |                           |
| 8000           | 550C802T350FE2D | 17.7                        | 25.7          | 9.3           | 3 1/2 X 5 1/8 |                           |
| 9000           | 550C902T350FF2D | 15.3                        | 28.4          | 10.2          | 3 1/2 X 5 5/8 |                           |
| 9500           | 550C952T350FP2D | 14.5                        | 29.6          | 10.6          | 3 1/2 X 5 7/8 |                           |
| 9600           | 550C962T350DN2B | 15.4                        | 29.0          | 10.4          | 3 X 7 5/8     |                           |
| 11000          | 550C113T350DG2D | 12.9                        | 32.3          | 11.6          | 3 X 8 5/8     |                           |
| 13000          | 550C133T350FN2D | 11.5                        | 36.6          | 13.2          | 3 1/2 X 7 5/8 |                           |
| 15000          | 550C153T350FG2D | 9.6                         | 40.7          | 14.6          | 3 1/2 X 8 5/8 |                           |
| <b>400 VDC</b> |                 |                             |               |               |               |                           |
| 990            | 550C991T400CH2B | 110.4                       | 6.7           | 2.4           | 2 1/2 X 2 5/8 |                           |
| 1400           | 550C142T400CB2B | 79.1                        | 8.4           | 3.0           | 2 1/2 X 3 1/8 |                           |
| 1800           | 550C182T400CJ2B | 61.7                        | 10.0          | 3.6           | 2 1/2 X 3 5/8 |                           |
| 2200           | 550C222T400CC2B | 50.8                        | 11.6          | 4.2           | 2 1/2 X 4 1/8 |                           |
| 2200           | 550C222T400DB2B | 53.0                        | 11.6          | 4.2           | 3 X 3 1/8     |                           |
| 2600           | 550C262T400CD2B | 43.3                        | 13.0          | 4.7           | 2 1/2 X 4 5/8 |                           |
| 2800           | 550C282T400DJ2B | 41.4                        | 13.7          | 4.9           | 3 X 3 5/8     |                           |
| 3000           | 550C302T400CE2B | 37.7                        | 14.4          | 5.2           | 2 1/2 X 5 1/8 |                           |
| 3400           | 550C342T400CF2B | 33.5                        | 15.8          | 5.7           | 2 1/2 X 5 5/8 |                           |
| 3400           | 550C342T400DC2B | 34.0                        | 15.8          | 5.7           | 3 X 4 1/8     |                           |
| 4000           | 550C402T400DD2B | 29.0                        | 17.7          | 6.4           | 3 X 4 5/8     |                           |
| 4600           | 550C462T400FC2D | 25.8                        | 20.0          | 7.2           | 3 1/2 X 4 1/8 |                           |
| 4700           | 550C472T400DE2B | 24.8                        | 19.8          | 7.1           | 3 X 5 1/8     |                           |
| 5300           | 550C532T400DF2B | 22.0                        | 21.6          | 7.8           | 3 X 5 5/8     |                           |
| 5400           | 550C542T400FD2D | 21.9                        | 22.4          | 8.1           | 3 1/2 X 4 5/8 |                           |
| 5600           | 550C562T400DP2B | 21.0                        | 22.4          | 8.1           | 3 X 5 7/8     |                           |
| 6200           | 550C622T400FE2D | 19.1                        | 24.7          | 8.9           | 3 1/2 X 5 1/8 |                           |
| 7100           | 550C712T400FF2D | 16.0                        | 27.3          | 9.8           | 3 1/2 X 5 5/8 |                           |
| 7500           | 550C752T400FP2D | 15.7                        | 28.4          | 10.2          | 3 1/2 X 5 7/8 |                           |
| 7800           | 550C782T400DN2B | 16.9                        | 27.6          | 9.9           | 3 X 7 5/8     |                           |
| 9000           | 550C902T400DG2D | 14.4                        | 30.6          | 11.0          | 3 X 8 5/8     |                           |
| 9700           | 550C972T400FN2D | 12.6                        | 34.9          | 12.6          | 3 1/2 X 7 5/8 |                           |
| 11000          | 550C113T400FG2D | 10.7                        | 38.7          | 13.9          | 3 1/2 X 8 5/8 |                           |
| <b>450 VDC</b> |                 |                             |               |               |               |                           |
| 700            | 550C701T450CH2B | 125.3                       | 6.3           | 2.3           | 2 1/2 X 2 5/8 |                           |
| 980            | 550C981T450CB2B | 89.7                        | 7.9           | 2.9           | 2 1/2 X 3 1/8 |                           |
| 1300           | 550C132T450CJ2B | 66.5                        | 9.7           | 3.5           | 2 1/2 X 3 5/8 |                           |

| MFD            | CATALOG NO.     | ESR MAX. Ripple Current Max |               |               |               | CASE SIZE<br>DIA X LENGTH |
|----------------|-----------------|-----------------------------|---------------|---------------|---------------|---------------------------|
|                |                 | @ 25°C                      | @85°C         | @ 105°C       |               |                           |
|                |                 | 120 Hz<br>(mOhms)           | 120 Hz<br>(A) | 120 Hz<br>(A) |               |                           |
| <b>450 VDC</b> |                 |                             |               |               |               |                           |
| 1500           | 550C152T450CC2B | 57.5                        | 10.9          | 3.9           | 2 1/2 X 4 1/8 |                           |
| 1500           | 550C152T450DB2B | 55.0                        | 11.3          | 4.1           | 3 X 3 1/8     |                           |
| 1800           | 550C182T450CD2B | 49.0                        | 12.2          | 4.4           | 2 1/2 X 4 5/8 |                           |
| 2000           | 550C202T450DJ2B | 42.9                        | 13.5          | 4.8           | 3 X 3 5/8     |                           |
| 2100           | 550C212T450CE2B | 40.5                        | 13.9          | 5.0           | 2 1/2 X 5 1/8 |                           |
| 2400           | 550C242T450CF2B | 35.4                        | 15.3          | 5.5           | 2 1/2 X 5 5/8 |                           |
| 2400           | 550C242T450DC2B | 35.5                        | 15.5          | 5.6           | 3 X 4 1/8     |                           |
| 2900           | 550C292T450DD2B | 30.3                        | 17.4          | 6.3           | 3 X 4 5/8     |                           |
| 3200           | 550C322T450FC2D | 26.6                        | 19.6          | 7.1           | 3 1/2 X 4 1/8 |                           |
| 3300           | 550C332T450DE2B | 26.3                        | 19.2          | 6.9           | 3 X 5 1/8     |                           |
| 3700           | 550C372T450DF2B | 23.4                        | 20.9          | 7.5           | 3 X 5 5/8     |                           |
| 3800           | 550C382T450FD2D | 22.6                        | 22.1          | 7.9           | 3 1/2 X 4 5/8 |                           |
| 4000           | 550C402T450DP2B | 22.3                        | 21.8          | 7.8           | 3 X 5 7/8     |                           |
| 4400           | 550C442T450FE2D | 19.7                        | 24.3          | 8.8           | 3 1/2 X 5 1/8 |                           |
| 5000           | 550C502T450FF2D | 17.5                        | 26.5          | 9.6           | 3 1/2 X 5 5/8 |                           |
| 5300           | 550C532T450FP2D | 16.6                        | 27.6          | 9.9           | 3 1/2 X 5 7/8 |                           |
| 5500           | 550C552T450DN2B | 18.0                        | 26.8          | 9.6           | 3 X 7 5/8     |                           |
| 6400           | 550C642T450DG2D | 15.2                        | 29.8          | 10.7          | 3 X 8 5/8     |                           |
| 7100           | 550C712T450FN2D | 13.1                        | 34.3          | 12.3          | 3 1/2 X 7 5/8 |                           |
| 8100           | 550C813T450FG2D | 11.0                        | 38.2          | 13.7          | 3 1/2 X 8 5/8 |                           |
| <b>500 VDC</b> |                 |                             |               |               |               |                           |
| 680            | 550C681T500CH2B | 228.5                       | 4.7           | 1.7           | 2 1/2 X 2 5/8 |                           |
| 680            | 550C961T500CB2B | 163.6                       | 5.9           | 2.1           | 2 1/2 X 3 1/8 |                           |
| 1200           | 550C122T500CJ2B | 126.4                       | 7.0           | 2.5           | 2 1/2 X 3 5/8 |                           |
| 1400           | 550C142T500DB2B | 100.0                       | 8.4           | 3.0           | 3 X 3 1/8     |                           |
| 1500           | 550C152T500CC2B | 98.9                        | 8.3           | 3.0           | 2 1/2 X 4 1/8 |                           |
| 1800           | 550C182T500CD2B | 84.0                        | 9.3           | 3.4           | 2 1/2 X 4 5/8 |                           |
| 1900           | 550C192T500DJ2B | 76.6                        | 10.1          | 3.6           | 3 X 3 5/8     |                           |
| 2000           | 550C202T500CE2B | 77.0                        | 10.1          | 3.6           | 2 1/2 X 5 1/8 |                           |
| 2300           | 550C232T500DC2B | 62.5                        | 11.6          | 4.2           | 3 X 4 1/8     |                           |
| 2300           | 550C232T500CF2B | 64.6                        | 11.4          | 4.1           | 2 1/2 X 5 5/8 |                           |
| 2700           | 550C272T500DD2B | 52.4                        | 13.2          | 4.7           | 3 X 4 5/8     |                           |
| 3100           | 550C312T450DE2B | 45.1                        | 14.7          | 5.3           | 3 X 5 1/8     |                           |
| 3200           | 550C322T500FC2D | 45.0                        | 15.1          | 5.4           | 3 1/2 X 4 1/8 |                           |
| 3500           | 550C352T500DF2B | 40.0                        | 16.1          | 5.8           | 3 X 5 5/8     |                           |
| 3700           | 550C372T500DP2B | 37.6                        | 16.8          | 6.0           | 3 X 5 7/8     |                           |
| 3800           | 550C382T500FD2D | 37.5                        | 17.1          | 6.2           | 3 1/2 X 4 5/8 |                           |
| 4300           | 550C432T500FE2D | 32.9                        | 18.8          | 6.8           | 3 1/2 X 5 1/8 |                           |
| 4900           | 550C492T500FF2D | 28.2                        | 20.9          | 7.5           | 3 1/2 X 5 5/8 |                           |
| 5200           | 550C522T500FP2D | 26.7                        | 21.8          | 7.9           | 3 1/2 X 5 7/8 |                           |
| 5400           | 550C542T500DN2B | 30.3                        | 20.9          | 7.5           | 3 X 7 5/8     |                           |
| 6000           | 550C602T500DG2B | 22.9                        | 24.2          | 8.7           | 3 X 8 5/8     |                           |
| 7000           | 550C702T500FN2D | 19.7                        | 27.9          | 10.1          | 3 1/2 X 7 5/8 |                           |
| 8400           | 550C843T500FG2D | 16.6                        | 31.0          | 11.2          | 3 1/2 X 8 5/8 |                           |

# Type 550C 105 °C High Ripple, Inverter Grade, Aluminum

## Ultra-Ripple, Long Life Screw Terminal Type

### Typical Performance Curves



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