

# Type 3191, Aluminum Electrolytic Screw Terminal

## Screw Terminal Capacitors for Power Output Filtering



The low ESR of Type 3191 capacitors makes them a great choice for output filtering in switching and audio power supplies. It's available with the capacitor element potted in place for lowest cost or secured by rill, spoon shaped dimples in the side of the can. Rilled construction offers high vibration and shock withstanding and excellent heat transfer for higher ripple current.

### Highlights

- Stud mount available
- High current application
- Industrial applications
- Smoothing and filtering
- Audio power supplies

### Specifications

|                                 |   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
|---------------------------------|---|---------------|---------------|----------------|----------------|--------------|------|------|------|------|------|--|--------------|---------------|---------------|----------------|----------------|-------------------|------|------|------|------|------|--------------------|------|------|------|------|------|
| Temperature Range               | -40 °C to +85 °C  |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Rated Voltage Range             | 7.5 Vdc to 55 Vdc   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Capacitance Range               | 2700 µF to 150000 µF  |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Capacitance Tolerance           | -10 to + 30%; -10 to +50%; ±20%   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Leakage Current                 | ≤6√CV µA (6 mA max.) at 5 minutes   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Ripple Current Multipliers      | <p>Ambient Temperature</p> <table border="1"> <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> </tr> <tr> <td>2.24</td> <td>2.00</td> <td>1.73</td> <td>1.41</td> <td>1.00</td> </tr> </table> <p>Frequency</p> <table border="1"> <tr> <td></td> <td><b>60 Hz</b></td> <td><b>120 Hz</b></td> <td><b>300 Hz</b></td> <td><b>1000 Hz</b></td> <td><b>≥10 kHz</b></td> </tr> <tr> <td><b>16 – 100 V</b></td> <td>0.90</td> <td>1.00</td> <td>1.15</td> <td>1.25</td> <td>1.30</td> </tr> <tr> <td><b>200 – 500 V</b></td> <td>0.90</td> <td>1.00</td> <td>1.25</td> <td>1.40</td> <td>1.50</td> </tr> </table> | <b>45 °C</b>  | <b>55 °C</b>  | <b>65 °C</b>   | <b>75 °C</b>   | <b>85 °C</b> | 2.24 | 2.00 | 1.73 | 1.41 | 1.00 |  | <b>60 Hz</b> | <b>120 Hz</b> | <b>300 Hz</b> | <b>1000 Hz</b> | <b>≥10 kHz</b> | <b>16 – 100 V</b> | 0.90 | 1.00 | 1.15 | 1.25 | 1.30 | <b>200 – 500 V</b> | 0.90 | 1.00 | 1.25 | 1.40 | 1.50 |
| <b>45 °C</b>                    | <b>55 °C</b>  | <b>65 °C</b>  | <b>75 °C</b>  | <b>85 °C</b>   |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| 2.24                            | 2.00  | 1.73          | 1.41          | 1.00           |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
|                                 | <b>60 Hz</b>  | <b>120 Hz</b> | <b>300 Hz</b> | <b>1000 Hz</b> | <b>≥10 kHz</b> |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| <b>16 – 100 V</b>               | 0.90  | 1.00          | 1.15          | 1.25           | 1.30           |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| <b>200 – 500 V</b>              | 0.90  | 1.00          | 1.25          | 1.40           | 1.50           |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Low Temperature Characteristics | <p>Impedance ratio: <math>Z_{-20^{\circ}\text{C}}/Z_{+25^{\circ}\text{C}}</math></p> <p>≤ 8 (16–50 Vdc)</p> <p>≤ 4 (63–100 Vdc)</p> <p>≤ 3 (150–500 Vdc)</p>  |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Endurance Life Test             | <p>1,500 h @ full load at 85 °C</p> <p>ΔCapacitance ±10%</p> <p>ESR 200% of limit</p> <p>DCL 100% of limit</p>  |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Shelf Life Test                 | <p>500 h @ 85 °C</p> <p>ΔCapacitance ±10%</p> <p>ESR 175% of limit</p> <p>DCL 100% of limit</p>   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| Vibration                       | <p>10 to 500 Hz, 0.75 mm or 10 g* if less,<br/>3 directions, 2 h ea</p> <p>Δ Capacitance: ±5%</p> <p>no visible damage or leakage</p> <p>*15 g if rilled construction</p>   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |
| <b>RoHS Compliant</b>           |   |               |               |                |                |              |      |      |      |      |      |  |              |               |               |                |                |                   |      |      |      |      |      |                    |      |      |      |      |      |

# Type 3191, Aluminum Electrolytic Screw Terminal

## Screw Terminal Capacitors for Power Output Filtering

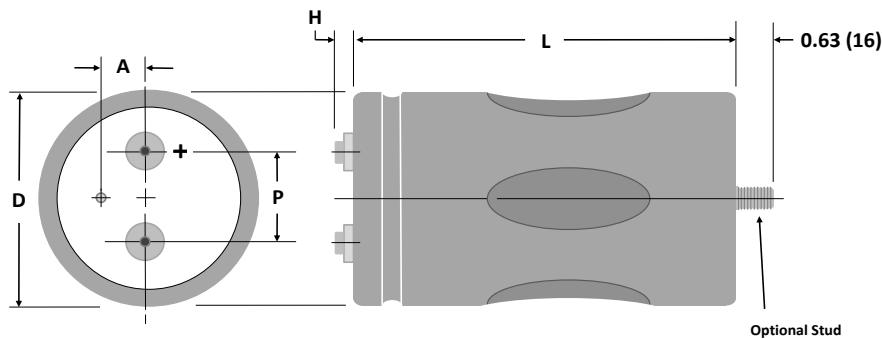
### Part Numbering System

|                   |                      |   |  |  |   |   |  |
|-------------------|----------------------|---|--|--|---|---|--|
| 3191<br> <br>Type | BA<br> <br>Case Code | 153<br> <br>Capacitance<br>153=15000 $\mu$ F<br>223=22000 $\mu$ F<br>272=2700 $\mu$ F | T<br> <br>Tolerance<br>M= $\pm$ 20%<br>S= -10 +30%<br>T= -10 +50%<br>U= -10 +75% | 7R5<br> <br>Voltage<br>7R5=7.5 Vdc<br>020=20 Vdc | B<br> <br>Terminal<br>A=high post<br>B=low post<br>D=high current<br>low post<br>K=high current | P<br> <br>Insulation<br>P=0.008" PVC<br>H=0.012" PVC<br>N=none<br>with mounting<br>R=0.008" PVC | A1<br> <br>Construction*<br>A1=potted<br>R1=rilled<br>S1=stud & potted<br>T1=stud & rilled** |
|-------------------|----------------------|---|--|--|---|---|--|

\* Construction code is also a sequence number, e.g., A1, A2,---,A9, B1,B2,---, for customer specifications. Sequence number 1 in A1, R1, S1 and T1 denotes the standard catalog capacitor with no special requirements.

\*\* Mounting stud not available for 1.375" diameter cases, case codes BA, BC and BE.

### Outline Drawing



### Insulation Dimensions

| Code                 | Clamp Bracket | Insulation Type | Dimension Adders |        |        |
|----------------------|---------------|-----------------|------------------|--------|--------|
|                      |               |                 | D                | L      | H      |
| Dimensions in Inches |               |                 |                  |        |        |
| P                    | no            | 0.008" PVC      | +0.02            | +0.032 | +0.024 |
| H                    | no            | 0.012" PVC      | +0.03            | +0.062 | +0.045 |
| N                    | no            | none            | -                | -      | -      |
| R                    | yes           | 0.008" PVC      | +0.02            | +0.032 | +0.024 |
| J                    | yes           | 0.012" PVC      | +0.03            | +0.062 | +0.045 |
| X                    | yes           | none            | -                | -      | -      |

### 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         | B    | 0.314         | 8.0  | 0.094 | 2.4 | 10-32  | 0.218           | 5.5  | 25     | 2.82 |
| High Post          | 1 3/8 to 3         | A    | 0.314         | 8.0  | 0.281 | 7.1 | 10-32  | 0.375           | 9.5  | 25     | 2.82 |
| High Current, Low  | 2 1/2 & 3          | D    | 0.684         | 17.4 | 0.125 | 3.2 | 1/4-28 | 0.344           | 8.7  | 60     | 6.78 |
| High Current, High | 2 1/2 & 3          | K    | 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 |
| M6 Low Post        | 2 1/2 & 3          | J    | 0.684         | 17.4 | 0.125 | 3.2 | M6     | 0.344           | 8.7  | 60     | 6.78 |

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## Screw Terminal Capacitors for Power Output Filtering

### Case Dimensions, Uninsulated Bare Can

| Case Code | Diameter (D)    |            | Length (L)      |             | Pitch (P)       |             | Plug (A)   |        | Typical     |            | Optional Bracket Part No. |
|-----------|-----------------|------------|-----------------|-------------|-----------------|-------------|------------|--------|-------------|------------|---------------------------|
|           | ±0.031 (Inches) | ±0.79 (mm) | ±0.062 (Inches) | ±1.157 (mm) | ±0.014 (Inches) | ±0.356 (mm) | A (Inches) | A (mm) | Weight (oz) | Weight (g) |                           |
| BA        | 1.375           | 34.9       | 2.125           | 54.0        | 0.500           | 12.7        | 0.390      | 9.9    | 2.53        | 72         | 115058-06                 |
| BB        | 1.375           | 34.9       | 2.625           | 66.7        | 0.500           | 12.7        | 0.390      | 9.9    | 3.17        | 90         | 115058-06                 |
| BC        | 1.375           | 34.9       | 3.125           | 79.4        | 0.500           | 12.7        | 0.390      | 9.9    | 3.70        | 105        | 115058-06                 |
| BD        | 1.375           | 34.9       | 3.625           | 92.1        | 0.500           | 12.7        | 0.390      | 9.9    | 4.22        | 120        | 115058-06                 |
| BE        | 1.375           | 34.9       | 4.125           | 104.8       | 0.500           | 12.7        | 0.390      | 9.9    | 4.75        | 135        | 115058-06                 |
| BF        | 1.375           | 34.9       | 4.625           | 117.5       | 0.500           | 12.7        | 0.390      | 9.9    | 5.98        | 170        | 115058-06                 |
| BG        | 1.375           | 34.9       | 5.125           | 130.2       | 0.500           | 12.7        | 0.390      | 9.9    | 7.74        | 220        | 115058-06                 |
| BH        | 1.375           | 34.9       | 5.625           | 142.9       | 0.500           | 12.7        | 0.390      | 9.9    | 9.50        | 270        | 115058-06                 |
| DA        | 1.75            | 44.5       | 2.125           | 54.0        | 0.750           | 19.1        | 0.453      | 11.5   | 5.63        | 160        | 115058-15                 |
| DB        | 1.75            | 44.5       | 2.625           | 66.7        | 0.750           | 19.1        | 0.453      | 11.5   | 6.16        | 175        | 115058-15                 |
| DC        | 1.75            | 44.5       | 3.125           | 79.4        | 0.750           | 19.1        | 0.453      | 11.5   | 6.34        | 180        | 115058-15                 |
| DD        | 1.75            | 44.5       | 3.625           | 92.1        | 0.750           | 19.1        | 0.453      | 11.5   | 7.22        | 205        | 115058-15                 |
| DE        | 1.75            | 44.5       | 4.125           | 104.8       | 0.750           | 19.1        | 0.453      | 11.5   | 7.74        | 220        | 115058-15                 |
| DF        | 1.75            | 44.5       | 4.625           | 117.5       | 0.750           | 19.1        | 0.453      | 11.5   | 8.27        | 235        | 115058-15                 |
| DG        | 1.75            | 44.5       | 5.125           | 130.2       | 0.750           | 19.1        | 0.453      | 11.5   | 8.80        | 250        | 115058-15                 |
| DH        | 1.75            | 44.5       | 5.625           | 142.9       | 0.750           | 19.1        | 0.453      | 11.5   | 9.50        | 270        | 115058-15                 |
| EA        | 2               | 50.8       | 2.125           | 54.0        | 0.875           | 22.2        | 0.500      | 12.7   | 5.98        | 170        | 115058-09                 |
| EB        | 2               | 50.8       | 2.625           | 66.7        | 0.875           | 22.2        | 0.500      | 12.7   | 6.34        | 180        | 115058-09                 |
| EC        | 2               | 50.8       | 3.125           | 79.4        | 0.875           | 22.2        | 0.500      | 12.7   | 6.69        | 190        | 115058-09                 |
| ED        | 2               | 50.8       | 3.625           | 92.1        | 0.875           | 22.2        | 0.500      | 12.7   | 7.74        | 220        | 115058-09                 |
| EE        | 2               | 50.8       | 4.125           | 104.8       | 0.875           | 22.2        | 0.500      | 12.7   | 8.98        | 255        | 115058-09                 |
| EF        | 2               | 50.8       | 4.625           | 117.5       | 0.875           | 22.2        | 0.500      | 12.7   | 10.21       | 290        | 115058-09                 |
| EG        | 2               | 50.8       | 5.125           | 130.2       | 0.875           | 22.2        | 0.500      | 12.7   | 11.26       | 320        | 115058-09                 |
| EH        | 2               | 50.8       | 5.625           | 142.9       | 0.875           | 22.2        | 0.500      | 12.7   | 8.80        | 250        | 115058-09                 |
| FB        | 2.5             | 63.5       | 2.625           | 66.7        | 1.125           | 28.6        | 0.625      | 15.9   | 10.56       | 300        | 115058-14                 |
| FC        | 2.5             | 63.5       | 3.125           | 79.4        | 1.125           | 28.6        | 0.625      | 15.9   | 13.02       | 370        | 115058-14                 |
| FD        | 2.5             | 63.5       | 3.625           | 92.1        | 1.125           | 28.6        | 0.625      | 15.9   | 14.08       | 400        | 115058-14                 |
| FE        | 2.5             | 63.5       | 4.125           | 104.8       | 1.125           | 28.6        | 0.625      | 15.9   | 15.66       | 445        | 115058-14                 |
| FF        | 2.5             | 63.5       | 4.625           | 117.5       | 1.125           | 28.6        | 0.625      | 15.9   | 21.12       | 600        | 115058-14                 |
| FG        | 2.5             | 63.5       | 5.125           | 130.2       | 1.125           | 28.6        | 0.625      | 15.9   | 22.88       | 650        | 115058-14                 |
| FH        | 2.5             | 63.5       | 5.625           | 142.9       | 1.125           | 28.6        | 0.625      | 15.9   | 21.12       | 600        | 115058-14                 |
| GC        | 3               | 76.2       | 3.125           | 79.4        | 1.250           | 31.8        | 0.750      | 19.1   | 18.30       | 520        | 115058-11                 |
| GD        | 3               | 76.2       | 3.625           | 92.1        | 1.250           | 31.8        | 0.750      | 19.1   | 20.06       | 570        | 115058-11                 |
| GE        | 3               | 76.2       | 4.125           | 104.8       | 1.250           | 31.8        | 0.750      | 19.1   | 21.12       | 600        | 115058-11                 |
| GF        | 3               | 76.2       | 4.625           | 117.5       | 1.250           | 31.8        | 0.750      | 19.1   | 25.34       | 720        | 115058-11                 |
| GG        | 3               | 76.2       | 5.125           | 130.2       | 1.250           | 31.8        | 0.750      | 19.1   | 29.92       | 850        | 115058-11                 |
| GH        | 3               | 76.2       | 5.625           | 142.9       | 1.250           | 31.8        | 0.750      | 19.1   | 34.14       | 970        | 115058-11                 |
| GJ        | 3               | 76.2       | 5.825           | 148.0       | 1.250           | 31.8        | 0.750      | 19.1   | 36.96       | 1050       | 115058-11                 |
| GN        | 3               | 76.2       | 8.625           | 219.1       | 1.250           | 31.8        | 0.750      | 19.1   | 51.39       | 1460       | 115058-11                 |

# Type 3191, Aluminum Electrolytic Screw Terminal

## Screw Terminal Capacitors for Power Output Filtering

| Cap<br>( $\mu$ F)              | Type 3191<br>Catalog<br>Part Number | ESR max<br>120 Hz 25 °C<br>(m $\Omega$ ) | Ripple max<br>120 Hz 85 °C                         |      | Case Size<br>DxL<br>(in) |
|--------------------------------|-------------------------------------|--|--|------|--------------------------|
| Cap<br>( $\mu$ F)              | Type 3191<br>Catalog<br>Part Number | ESR max<br>120 Hz 25 °C<br>(m $\Omega$ ) | Ripple max<br>120 Hz 85 °C<br>potted (A) rilled(A) |      | Case Size<br>DxL<br>(in) |
| <b>16 Vdc (20.8 Vdc Surge)</b> |                                     |  |  |      |                          |
| 10000                          | 3191BA103M016BPA1                   | 16.7                                     | 8.2  | 9.3  | 1.375x2.125              |
| 12000                          | 3191BB123M016BPA1                   | 14.2                                     | 9.2  | 10.4 | 1.375x2.625              |
| 15000                          | 3191BC153M016BPA1                   | 11.7                                     | 10.8   | 12.1 | 1.375x3.125              |
| 18000                          | 3191BC183M016BPA1                   | 11.3                                     | 12.1   | 13.5 | 1.375x3.125              |
| 22000                          | 3191BD223M016BPA1                   | 9.8                                      | 12.8   | 14.2 | 1.375x3.625              |
| 22000                          | 3191EA223M016BPA1                   | 9.8                                      | 12.5   | 14.2 | 2.00x2.125               |
| 27000                          | 3191BF273M016BPA1                   | 8.4                                      | 15.4   | 16.8 | 1.375x4.625              |
| 27000                          | 3191EB273M016BPA1                   | 8.4                                      | 14.7   | 16.8 | 2.00x2.625               |
| 33000                          | 3191BG333M016BPA1                   | 7.6                                      | 17.2   | 18.4 | 1.375x5.125              |
| 33000                          | 3191EC333M016BPA1                   | 7.6                                      | 16.1   | 18.4 | 2.00x3.125               |
| 39000                          | 3191EC393M016BPA1                   | 9.1                                      | 15.7   | 17.9 | 2.00x3.125               |
| 47000                          | 3191ED473M016BPA1                   | 7.8                                      | 17.4   | 19.7 | 2.00x3.625               |
| 56000                          | 3191EE563M016BPA1                   | 7.1                                      | 19.0   | 21.5 | 2.00x4.125               |
| 68000                          | 3191EF683M016BPA1                   | 6.4                                      | 21.2   | 23.5 | 2.00x4.625               |
| 82000                          | 3191EG823M016BPA1                   | 5.9                                      | 22.8   | 25.3 | 2.00x5.125               |
| <b>20 Vdc (26 Vdc Surge)</b>   |                                     |  |  |      |                          |
| 8200                           | 3191BA822M020BPA1                   | 18.2                                     | 7.8  | 8.9  | 1.375x2.125              |
| 10000                          | 3191BB103M020BPA1                   | 15.1                                     | 8.9  | 10.1 | 1.375x2.625              |
| 12000                          | 3191BB123M020BPA1                   | 14.2                                     | 9.6  | 10.8 | 1.375x2.625              |
| 15000                          | 3191BC153M020BPA1                   | 11.9                                     | 11.1   | 12.4 | 1.375x3.125              |
| 18000                          | 3191BD183M020BPA1                   | 11.0                                     | 12.5   | 13.9 | 1.375x3.625              |
| 22000                          | 3191BE223M020BPA1                   | 9.3                                      | 13.9   | 15.4 | 1.375x4.125              |
| 22000                          | 3191EA223M020BPA1                   | 9.3                                      | 13.5   | 15.4 | 2.00x2.125               |
| 27000                          | 3191BF273M020BPA1                   | 8.0                                      | 16.0   | 17.4 | 1.375x4.625              |
| 27000                          | 3191EB273M020BPA1                   | 8.0                                      | 15.5   | 17.4 | 2.00x2.625               |
| 33000                          | 3191BH333M020BPA1                   | 7.3                                      | 18.0   | 19.4 | 1.375x5.625              |
| 33000                          | 3191EC333M020BPA1                   | 7.3                                      | 17.0   | 19.4 | 2.00x3.125               |
| 39000                          | 3191ED393M020BPA1                   | 7.9                                      | 16.7   | 18.9 | 2.00x3.625               |
| 47000                          | 3191EE473M020BPA1                   | 7.0                                      | 19.6   | 21.7 | 2.00x4.125               |
| 56000                          | 3191EF563M020BPA1                   | 6.4                                      | 21.9   | 23.9 | 2.00x4.625               |
| 68000                          | 3191EG683M020BPA1                   | 5.9                                      | 22.3   | 24.8 | 2.00x5.125               |
| 82000                          | 3191EH823M020BPA1                   | 5.6                                      | 24.6   | 27.1 | 2.00x5.625               |
| <b>28 Vdc (36.4 Surge)</b>     |                                     |  |  |      |                          |
| 4700                           | 3191BA472M028BPA1                   | 23.4                                     | 6.6  | 7.5  | 1.375x2.125              |
| 5600                           | 3191BB562M028BPA1                   | 22.5                                     | 7.0  | 7.9  | 1.375x2.625              |
| 6800                           | 3191BB682M028BPA1                   | 19.0                                     | 7.5  | 8.5  | 1.375x2.625              |
| 8200                           | 3191BB822M028BPA1                   | 17.5                                     | 8.3  | 9.4  | 1.375x2.625              |
| 10000                          | 3191BC103M028BPA1                   | 15.0                                     | 10.1   | 11.3 | 1.375x3.125              |
| 12000                          | 3191BD123M028BPA1                   | 12.7                                     | 11.4   | 12.7 | 1.375x3.625              |
| 15000                          | 3191BE153M028BPA1                   | 11.2                                     | 12.7   | 14.1 | 1.375x4.125              |
| 15000                          | 3191EA153M028BPA1                   | 11.2                                     | 12.4   | 14.1 | 2.00x2.125               |
| <b>28 Vdc (36.4 Surge)</b>     |                                     |  |  |      |                          |
| 18000                          | 3191BF183M028BPA1                   | 9.9                                      | 14.6   | 15.9 | 1.375x4.625              |
| 18000                          | 3191EB183M028BPA1                   | 9.9                                      | 14.2   | 15.9 | 2.00x2.625               |
| 22000                          | 3191BG223M028BPA1                   | 8.6                                      | 7.0  | 7.5  | 1.375x5.125              |
| 22000                          | 3191EC223M028BPA1                   | 8.6                                      | 6.6  | 7.5  | 2.00x3.125               |
| 27000                          | 3191ED273M028BPA1                   | 8.1                                      | 16.9   | 19.1 | 2.00x3.625               |
| 33000                          | 3191EE333M028BPA1                   | 7.3                                      | 19.2   | 21.7 | 2.00x4.125               |
| 39000                          | 3191EF393M028BPA1                   | 6.6                                      | 21.5   | 23.9 | 2.00x4.625               |
| 47000                          | 3191EG473M028BPA1                   | 6.0                                      | 22.8   | 25.3 | 2.00x5.125               |
| <b>35 Vdc (45.5 Vdc Surge)</b> |                                     |  |  |      |                          |
| 3900                           | 3191BA392M035BPA1                   | 25.4                                     | 6.8  | 7.7  | 1.375x2.125              |
| 4700                           | 3191BB472M035BPA1                   | 21.2                                     | 7.9  | 8.9  | 1.375x2.625              |
| 5600                           | 3191BB562M035BPA1                   | 19.1                                     | 8.2  | 9.3  | 1.375x2.625              |
| 6800                           | 3191BC682M035BPA1                   | 17.2                                     | 8.8  | 9.9  | 1.375x3.125              |
| 8200                           | 3191BD822M035BPA1                   | 14.7                                     | 10.7   | 11.9 | 1.375x3.625              |
| 10000                          | 3191BD103M035BPA1                   | 12.9                                     | 11.7   | 13   | 1.375x3.625              |
| 10000                          | 3191EA103M035BPA1                   | 12.9                                     | 11.4   | 13   | 2.00x2.125               |
| 12000                          | 3191BF123M035BPA1                   | 11.4                                     | 13.1   | 14.3 | 1.375x4.625              |
| 12000                          | 3191EB123M035BPA1                   | 11.4                                     | 12.8   | 14.3 | 2.00x2.625               |
| 15000                          | 3191BG153M035BPA1                   | 9.6                                      | 14.8   | 15.8 | 1.375x5.125              |
| 15000                          | 3191EC153M035BPA1                   | 9.6                                      | 14.1   | 15.8 | 2.00x3.125               |
| 18000                          | 3191ED183M035BPA1                   | 8.8                                      | 16.7   | 18.9 | 2.00x3.625               |
| 22000                          | 3191ED223M035BPA1                   | 8.1                                      | 17.9   | 20.2 | 2.00x3.625               |
| 27000                          | 3191EF273M035BPA1                   | 6.9                                      | 20.2   | 22.8 | 2.00x4.125               |
| 33000                          | 3191EG333M035BPA1                   | 6.4                                      | 22.2   | 24.6 | 2.00x5.125               |
| 39000                          | 3191EH393M035BPA1                   | 6.0                                      | 24.4   | 26.8 | 2.00x5.625               |
| <b>55 Vdc (71.5 Vdc Surge)</b> |                                     |  |  |      |                          |
| 2700                           | 3191BA272M055BPA1                   | 33.2                                     | 6.3  | 7.2  | 1.375x2.125              |
| 3900                           | 3191BB392M055BPA1                   | 23.3                                     | 8.0  | 9    | 1.375x2.625              |
| 4700                           | 3191BC472M055BPA1                   | 19.4                                     | 9.1  | 10.2 | 1.375x3.125              |
| 5600                           | 3191BD562M055BPA1                   | 16.4                                     | 10.5   | 11.6 | 1.375x3.625              |
| 6800                           | 3191BE682M055BPA1                   | 15.2                                     | 11.6   | 12.9 | 1.375x4.125              |
| 6800                           | 3191EA682M055BPA1                   | 15.2                                     | 11.3   | 12.9 | 2.00x2.125               |
| 8200                           | 3191BF822M055BPA1                   | 12.7                                     | 13.5   | 14.7 | 1.375x4.625              |
| 8200                           | 3191EB822M055BPA1                   | 12.7                                     | 12.9   | 14.7 | 2.00x2.625               |
| 10000                          | 3191BH103M055BPA1                   | 10.9                                     | 16.1   | 17.2 | 1.375x5.625              |
| 10000                          | 3191EC103M055BPA1                   | 10.9                                     | 15.1   | 17.2 | 2.00x3.125               |
| 12000                          | 3191ED123M055BPA1                   | 9.9                                      | 16.5   | 18.6 | 2.00x3.625               |
| 15000                          | 3191EE153M055BPA1                   | 8.9                                      | 18.0   | 20.3 | 2.00x4.125               |
| 18000                          | 3191EF183M055BPA1                   | 7.8                                      | 19.6   | 21.8 | 2.00x4.625               |
| 22000                          | 3191EG223M055BPA1                   | 7.1                                      | 21.7   | 24.1 | 2.00x5.125               |

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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