

# Type 361R 105 °C, Miniature, Industrial Grade, Radial Leaded

## High-value, High Ripple, Low ESR & ESL



Type 361R capacitors are for industrial applications from –40 °C to +105 °C. They deliver excellent ripple capability and low ESR and ESL. Also available with three mounting leads. For three leads, change Type designation from 361R to 366R.

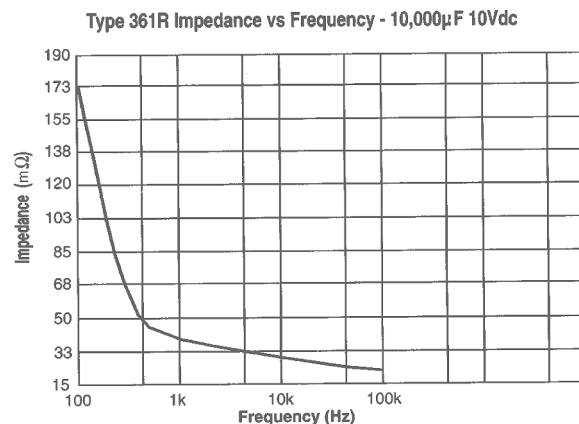
### Highlights

- Excellent Ripple Capability
- Low ESR and ESL
- High Valuers

### Specifications

|                               |                                                                                                                                |       |       |       |       |       |        |      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|------|
| Temperature Range             | –40 °C to +105 °C                                                                                                              |       |       |       |       |       |        |      |
| Rated Voltage Range           | 6.3 to 450 Vdc                                                                                                                 |       |       |       |       |       |        |      |
| Capacitance Range             | 7 to 18,000 µF ± 20%                                                                                                           |       |       |       |       |       |        |      |
| Leakage Current               | ≤0.002 CV µF +25 °C, 6.3 to 160 Vdc<br>≤0.02 CV µF +25 °C, 200 to 450 Vdc                                                      |       |       |       |       |       |        |      |
| Ripple Current Multipliers    | Ambient Temperature                                                                                                            |       |       |       |       |       |        |      |
|                               | 45 °C                                                                                                                          | 55 °C | 65 °C | 75 °C | 85 °C | 95 °C | 105 °C |      |
|                               | 2.00                                                                                                                           | 1.60  | 1.40  | 1.25  | 1.00  | 0.79  | 0.5    |      |
|                               | Frequency                                                                                                                      |       |       |       |       |       |        |      |
|                               | 50 Hz   60 Hz   120 Hz   360 Hz   1 kHz   5 kHz   10 kHz & up                                                                  |       |       |       |       |       |        |      |
|                               | 6.3 & 10 V                                                                                                                     | 0.91  | 0.93  | 1.00  | 1.06  | 1.08  | 1.09   | 1.09 |
| 16 to 25 V                    | 0.85                                                                                                                           | 0.88  | 1.00  | 1.12  | 1.18  | 1.21  | 1.22   |      |
| 35 V & up                     | 0.77                                                                                                                           | 0.82  | 1.00  | 1.21  | 1.32  | 1.37  | 1.38   |      |
| Load Life<br>RoHS<br>Non-RoHS | 2000 h at full load at 105 °C<br>4000 h at full load at 105 °C<br>Δ Capacitance ±15%<br>ESR 175% of limit<br>DCL 100% of limit |       |       |       |       |       |        |      |
| Shelf Life Test               | 1,000 h @ 105 °C<br>Δ Capacitance ±15%<br>ESR 150% of limit<br>DCL 200% of limit                                               |       |       |       |       |       |        |      |
| Vibration                     | 10 to 55 Hz, 0.06” and 10 g, 2 h ea of 3 planes                                                                                |       |       |       |       |       |        |      |

### Typical Curve



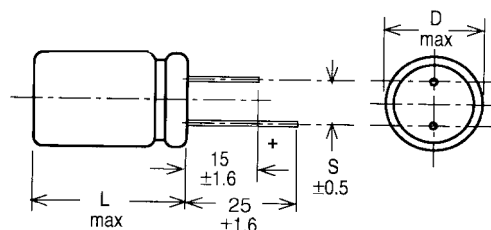
# Type 361R 105 °C, Miniature, Industrial Grade, Radial Leded

High-value, High Ripple, Low ESR & ESL

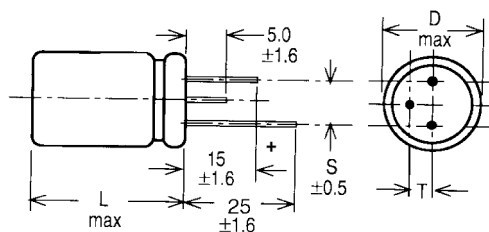
## Part Numbering System

| NR                                 | 361R            | 183                                                          | M                                  | 6R3                           | LV        | 2                   | E                               |
|------------------------------------|-----------------|--------------------------------------------------------------|------------------------------------|-------------------------------|-----------|---------------------|---------------------------------|
| RoHS                               | Type            | Capacitance                                                  | Tolerance                          | Voltage                       | Case Code | Insulation          | Epoxy End Seal                  |
| NR = Non Compliant<br>(exceeds Pb) | 361R<br>or 366R | 100 = 10 $\mu$ F<br>101 = 100 $\mu$ F<br>183 = 18000 $\mu$ F | M = $\pm 20\%$<br>U = $-10 + 75\%$ | 6R3 = 6.3 Vdc<br>063 = 63 Vdc |           | 0 = None<br>2 = PVC | (blank) = no epoxy<br>E = Epoxy |

## Outline Drawing



Type 361R - Two Leads



Type 366R - Three Leads

## Case Dimensions

| Case Code | Nominal<br>D x L<br>(mm) | Insulated<br>D x L<br>(mm) | Insulated<br>Epoxy Seal<br>(mm) | S<br>$\pm 0.6$<br>(mm) | T<br>$\pm 0.5$<br>(mm) | Lead Diam.<br>mm | AWG | Weight<br>g |
|-----------|--------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------|-----|-------------|
| EG        | 12.5 x 20.0              | 13.0 x 21.5                | 13.0 x 23.0                     | 5.0                    | 2.5                    | 0.81             | 20  | 3.8         |
| EK        | 12.5 x 25.0              | 13.0 x 26.5                | 13.0 x 29.0                     | 5.0                    | 2.5                    | 0.81             | 20  | 4.5         |
| EM        | 12.5 x 26.5              | 13.0 x 28.0                | 13.0 x 29.5                     | 5.0                    | 2.5                    | 0.81             | 20  | 4.7         |
| EN        | 12.5 x 33.5              | 13.0 x 34.2                | 13.0 x 36.0                     | 5.0                    | 2.5                    | 0.81             | 20  | 5.8         |
| ER        | 12.5 x 42.5              | 13.0 x 43.7                | 13.0 x 45.5                     | 5.0                    | 2.5                    | 0.81             | 20  | 7.3         |
| FK        | 16.0 x 25.0              | 16.5 x 26.2                | 16.5 x 27.9                     | 7.5                    | 3.75                   | 0.81             | 20  | 7.2         |
| FF        | 16.0 x 32.0              | 16.5 x 33.5                | 16.5 x 36.0                     | 7.5                    | 3.75                   | 0.81             | 20  | 9.4         |
| FN        | 16.0 x 33.5              | 16.5 x 34.2                | 16.5 x 36.0                     | 7.5                    | 3.75                   | 0.81             | 20  | 9.5         |
| FQ        | 16.0 x 36.0              | 16.5 x 37.5                | 16.5 x 40.0                     | 7.5                    | 3.75                   | 0.81             | 20  | 10.6        |
| FV        | 16.0 x 40.0              | 16.5 x 41.7                | 16.5 x 42.4                     | 7.5                    | 3.75                   | 0.81             | 20  | 11.9        |
| LQ        | 18.0 x 36.0              | 18.5 x 37.5                | 18.5 x 40.0                     | 7.5                    | 3.75                   | 0.81             | 20  | 13.4        |
| LV        | 18.0 x 40.0              | 18.5 x 42.0                | 18.5 x 43.0                     | 7.5                    | 3.75                   | 0.81             | 20  | 14.9        |

L incl. Sleeve & Epoxy Seal - Millimeters

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## High-value, High Ripple, Low ESR & ESL

### Ratings

| Cap.<br>(μF)                   | Catalog<br>Part Number | ESR Max.<br>120 Hz<br>25°C (Ω) | Ripple A<br>120 Hz<br>85°C (A) | Nom Size<br>D X L<br>(mm) |
|--------------------------------|------------------------|--------------------------------|--------------------------------|---------------------------|
| <b>6.3 Vdc (8 Vdc Surge)</b>   |                        |                                |                                |                           |
| 2200                           | 361R222M6R3EG2         | 0.205                          | 1.130                          | 12.5 x 20                 |
| 3300                           | 361R332M6R3EK2         | 0.140                          | 1.440                          | 12.5 x 25                 |
| 3900                           | 361R392M6R3EM2         | 0.131                          | 1.380                          | 12.5 x 26.5               |
| 4700                           | 361R472M6R3EN2         | 0.098                          | 1.840                          | 12.5 x 33.5               |
| 6800                           | 361R682M6R3ER2         | 0.075                          | 2.160                          | 12.5 x 42.5               |
| 6800                           | 361R682M6R3FK2         | 0.084                          | 2.000                          | 16 x 25                   |
| 10000                          | 361R103M6R3FF2         | 0.068                          | 2.330                          | 16 x 32                   |
| 12000                          | 361R123M6R3FQ2         | 0.062                          | 2.550                          | 16 x 36                   |
| 12000                          | 361R123M6R3FV2         | 0.058                          | 2.750                          | 16 x 40                   |
| 15000                          | 361R153M6R3LQ2         | 0.053                          | 2.990                          | 18 x 36                   |
| 18000                          | 361R183M6R3LV2         | 0.049                          | 3.240                          | 18 x 40                   |
| <b>10 Vdc (12.5 Vdc Surge)</b> |                        |                                |                                |                           |
| 1500                           | 361R152M010EG2         | 0.210                          | 0.947                          | 12.5 x 20                 |
| 2200                           | 361R222M010EK2         | 0.158                          | 1.330                          | 12.5 x 25                 |
| 2700                           | 361R272M010EM2         | 0.144                          | 1.420                          | 12.5 x 26.5               |
| 3300                           | 361R332M010EN2         | 0.115                          | 1.760                          | 12.5 x 33.5               |
| 4700                           | 361R472M010ER2         | 0.083                          | 2.250                          | 12.5 x 42.5               |
| 4700                           | 361R472M010FK2         | 0.093                          | 2.000                          | 16 x 25                   |
| 6800                           | 361R682M010FF2         | 0.073                          | 2.440                          | 16 x 32                   |
| 8200                           | 361R822M010FQ2         | 0.063                          | 2.950                          | 16 x 36                   |
| 10000                          | 361R103M010FV2         | 0.059                          | 3.000                          | 16 x 40                   |
| 12000                          | 361R123M010LQ2         | 0.056                          | 3.050                          | 18 x 36                   |
| 15000                          | 361R153M010LV2         | 0.051                          | 3.400                          | 18 x 40                   |
| <b>16 Vdc (20 Vdc Surge)</b>   |                        |                                |                                |                           |
| 1000                           | 361R102M016EG2         | 0.265                          | 0.942                          | 12.5 x 20                 |
| 1800                           | 361R182M016EK2         | 0.156                          | 1.350                          | 12.5 x 25                 |
| 2200                           | 361R222M016EM2         | 0.147                          | 1.410                          | 12.5 x 26.5               |
| 3300                           | 361R332M016EN2         | 0.108                          | 1.790                          | 12.5 x 33.5               |
| 3300                           | 361R332M016FK2         | 0.100                          | 1.880                          | 16 x 25                   |
| 4700                           | 361R472M016ER2         | 0.084                          | 2.200                          | 12.5 x 42.5               |
| 4700                           | 361R472M016FF2         | 0.077                          | 2.280                          | 16 x 32                   |
| 6800                           | 361R682M016FQ2         | 0.066                          | 2.670                          | 16 x 36                   |
| 6800                           | 361R682M016FV2         | 0.064                          | 2.700                          | 16 x 40                   |
| 7800                           | 361R782M016LQ2         | 0.060                          | 2.800                          | 18 x 36                   |
| 10000                          | 361R103M016LV2         | 0.053                          | 3.000                          | 18 x 40                   |
| <b>20 Vdc (25 Vdc Surge)</b>   |                        |                                |                                |                           |
| 1000                           | 361R102M020EG2         | 0.200                          | 0.970                          | 12.5 x 20                 |
| 1500                           | 361R152M020EK2         | 0.133                          | 1.300                          | 12.5 x 25                 |
| 2200                           | 361R222M020EM2         | 0.103                          | 1.510                          | 12.5 x 26.5               |
| 2700                           | 361R272M020EN2         | 0.084                          | 1.840                          | 12.5 x 33.5               |
| 3300                           | 361R332M020FK2         | 0.076                          | 2.000                          | 16 x 25                   |
| 3900                           | 361R392M020ER2         | 0.065                          | 2.320                          | 12.5 x 42.5               |
| 4700                           | 361R472M020FF2         | 0.060                          | 2.480                          | 16 x 32                   |
| 5600                           | 361R562M020FQ2         | 0.055                          | 2.720                          | 16 x 36                   |
| 6800                           | 361R682M020FV2         | 0.053                          | 2.900                          | 16 x 40                   |
| 8200                           | 361R822M020LQ2         | 0.047                          | 3.180                          | 18 x 36                   |
| 10000                          | 361R103M020LV2         | 0.044                          | 3.280                          | 18 x 40                   |
| <b>25 Vdc (32 Vdc Surge)</b>   |                        |                                |                                |                           |
| 820                            | 361R821M025EG2         | 0.280                          | 0.860                          | 12.5 x 20                 |
| 1000                           | 361R102M025EK2         | 0.230                          | 1.080                          | 12.5 x 25                 |
| 1200                           | 361R122M025EM2         | 0.190                          | 1.150                          | 12.5 x 26.5               |
| 1800                           | 361R182M025EN2         | 0.128                          | 1.550                          | 12.5 x 33.5               |
| 2200                           | 361R222M025FK2         | 0.121                          | 1.660                          | 16 x 25                   |

| Cap.<br>(μF)                 | Catalog<br>Part Number | ESR Max.<br>120 Hz<br>25°C (Ω) | Ripple A<br>120 Hz<br>85°C (A) | Nom Size<br>D X L<br>(mm) |
|------------------------------|------------------------|--------------------------------|--------------------------------|---------------------------|
| 2700                         | 361R272M025ER2         | 0.096                          | 2.000                          | 12.5 x 42.5               |
| 3300                         | 361R332M025FF2         | 0.091                          | 2.080                          | 16 x 32                   |
| 3900                         | 361R392M025FK2         | 0.081                          | 2.360                          | 16 x 36                   |
| 4700                         | 361R472M025FV2         | 0.071                          | 2.560                          | 16 x 40                   |
| 4700                         | 361R472M025LQ2         | 0.071                          | 2.710                          | 18 x 36                   |
| 5600                         | 361R562M025LV2         | 0.065                          | 2.830                          | 18 x 40                   |
| 4700                         | 361R472M025LQ2         | 0.071                          | 2.710                          | 18 x 36                   |
| 5600                         | 361R562M025LV2         | 0.065                          | 2.830                          | 18 x 40                   |
| <b>35 Vdc (44 Vdc Surge)</b> |                        |                                |                                |                           |
| 680                          | 361R681M035EG2         | 0.287                          | 0.850                          | 12.5 x 20                 |
| 1000                         | 361R102M035EK2         | 0.199                          | 1.200                          | 12.5 x 25                 |
| 1200                         | 361R122M035EM2         | 0.190                          | 1.250                          | 12.5 x 26.5               |
| 1500                         | 361R152M035EN2         | 0.133                          | 1.570                          | 12.5 x 33.5               |
| 1800                         | 361R182M035FK2         | 0.133                          | 1.620                          | 16 x 25                   |
| 2200                         | 361R222M035ER2         | 0.106                          | 1.900                          | 12.5 x 42.5               |
| 2200                         | 361R222M035FF2         | 0.106                          | 2.000                          | 16 x 32                   |
| 2700                         | 361R272M035FQ2         | 0.086                          | 2.330                          | 16 x 36                   |
| 3300                         | 361R332M035FV2         | 0.080                          | 2.380                          | 16 x 40                   |
| 3300                         | 361R332M035LQ2         | 0.080                          | 2.400                          | 18 x 36                   |
| 4700                         | 361R472M035LV2         | 0.064                          | 2.700                          | 18 x 40                   |
| <b>50 Vdc (63 Vdc Surge)</b> |                        |                                |                                |                           |
| 330                          | 361R331M050EG2         | 0.443                          | 0.760                          | 12.5 x 20                 |
| 470                          | 361R471M050EK2         | 0.343                          | 0.960                          | 12.5 x 25                 |
| 560                          | 361R561M050EM2         | 0.266                          | 1.050                          | 12.5 x 26.5               |
| 820                          | 361R821M050EN2         | 0.180                          | 1.380                          | 12.5 x 33.5               |
| 1000                         | 361R102M050FK2         | 0.156                          | 1.530                          | 16 x 25                   |
| 1200                         | 361R122M050ER2         | 0.125                          | 1.810                          | 12.5 x 42.5               |
| 1500                         | 361R152M050FF2         | 0.101                          | 2.140                          | 16 x 32                   |
| 1800                         | 361R182M050FQ2         | 0.083                          | 2.440                          | 16 x 36                   |
| 2200                         | 361R222M050LQ2         | 0.081                          | 2.640                          | 18 x 36                   |
| 2200                         | 361R222M050FV2         | 0.081                          | 2.600                          | 16 x 40                   |
| 2700                         | 361R272M050LV2         | 0.065                          | 3.040                          | 18 x 40                   |
| <b>63 Vdc (79 Vdc Surge)</b> |                        |                                |                                |                           |
| 330                          | 361R331M063EG2         | 0.450                          | 0.760                          | 12.5 x 20                 |
| 470                          | 361R471M063EK2         | 0.318                          | 0.960                          | 12.5 x 25                 |
| 470                          | 361R471M063EM2         | 0.318                          | 0.980                          | 12.5 x 26.5               |
| 560                          | 361R561M063EN2         | 0.268                          | 1.150                          | 12.5 x 33.5               |
| 680                          | 361R681M063ER2         | 0.183                          | 1.540                          | 12.5 x 42.5               |
| 820                          | 361R821M063FK2         | 0.220                          | 1.310                          | 16 x 25                   |
| 1200                         | 361R122M063FF2         | 0.150                          | 1.700                          | 16 x 32                   |
| 1500                         | 361R152M063FQ2         | 0.125                          | 1.980                          | 16 x 36                   |
| 1800                         | 361R182M063FV2         | 0.100                          | 2.300                          | 16 x 40                   |
| 1800                         | 361R182M063LQ2         | 0.100                          | 2.580                          | 18 x 36                   |
| 2200                         | 361R222M063LV2         | 0.083                          | 2.700                          | 18 x 40                   |
| <b>75 Vdc (90 Vdc Surge)</b> |                        |                                |                                |                           |
| 150                          | 361R151M075EG2         | 1.070                          | 0.450                          | 12.5 x 20                 |
| 220                          | 361R221M075EK2         | 0.727                          | 0.580                          | 12.5 x 25                 |
| 270                          | 361R271M075EM2         | 0.600                          | 0.650                          | 12.5 x 26.5               |
| 390                          | 361R391M075EN2         | 0.410                          | 0.870                          | 12.5 x 33.5               |
| 470                          | 361R471M075FK2         | 0.340                          | 1.000                          | 16 x 25                   |
| 560                          | 361R561M075ER2         | 0.285                          | 1.160                          | 12.5 x 42.5               |
| 680                          | 361R681M075FF2         | 0.235                          | 1.320                          | 16 x 32                   |
| 820                          | 361R821M075FQ2         | 0.195                          | 1.520                          | 16 x 36                   |
| 1000                         | 361R102M075FV2         | 0.160                          | 1.660                          | 16 x 40                   |

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## High-value, High Ripple, Low ESR & ESL

| Cap.<br>(μF)                   | Catalog<br>Part Number | ESR Max.<br>120 Hz<br>25°C (Ω) | Ripple A<br>120 Hz<br>85°C (A) | Nom Size<br>D X L<br>(mm) |
|--------------------------------|------------------------|--------------------------------|--------------------------------|---------------------------|
| 1000                           | 361R102M075LQ2         | 0.160                          | 1.700                          | 18 x 36                   |
| 1200                           | 361R122M075LV2         | 0.133                          | 1.900                          | 18 x 40                   |
| <b>100 Vdc (125 Vdc Surge)</b> |                        |                                |                                |                           |
| 100                            | 361R101M100EG2         | 1.650                          | 0.355                          | 12.5 x 20                 |
| 120                            | 361R121M100EK2         | 1.320                          | 0.450                          | 12.5 x 25                 |
| 150                            | 361R151M100EM2         | 1.100                          | 0.500                          | 12.5 x 26.5               |
| 220                            | 361R221M100EN2         | 0.750                          | 0.666                          | 12.5 x 33.5               |
| 270                            | 361R271M100ER2         | 0.610                          | 0.750                          | 12.5 x 42.5               |
| 330                            | 361R331M100FK2         | 0.500                          | 0.875                          | 16 x 25                   |
| 390                            | 361R391M100FF2         | 0.420                          | 1.010                          | 16 x 32                   |
| 470                            | 361R471M100FQ2         | 0.350                          | 1.150                          | 16 x 36                   |
| 470                            | 361R471M100FV2         | 0.350                          | 1.250                          | 16 x 40                   |
| 560                            | 361R561M100LQ2         | 0.290                          | 1.370                          | 18 x 36                   |
| 680                            | 361R681M100LV2         | 0.240                          | 1.570                          | 18 x 40                   |
| <b>160 Vdc (185 Vdc Surge)</b> |                        |                                |                                |                           |
| 33                             | 361R330M160EG2         | 5.000                          | 0.200                          | 12.5 x 20                 |
| 47                             | 361R470M160EK2         | 3.500                          | 0.250                          | 12.5 x 25                 |
| 56                             | 361R560M160EM2         | 2.950                          | 0.280                          | 12.5 x 26.5               |
| 82                             | 361R820M160EN2         | 2.000                          | 0.380                          | 12.5 x 33.5               |
| 100                            | 361R101M160ER2         | 1.650                          | 0.460                          | 12.5 x 42.5               |
| 100                            | 361R101M160FK2         | 1.650                          | 0.430                          | 16 x 25                   |
| 150                            | 361R151M160FF2         | 1.100                          | 0.580                          | 16 x 32                   |
| 180                            | 361R181M160FQ2         | 0.920                          | 0.665                          | 16 x 36                   |
| 220                            | 361R221M160FV2         | 0.750                          | 0.770                          | 16 x 40                   |
| 220                            | 361R221M160LQ2         | 0.750                          | 0.800                          | 18 x 36                   |
| 270                            | 361R271M160LV2         | 0.610                          | 0.920                          | 18 x 40                   |
| <b>200 Vdc (225 Vdc Surge)</b> |                        |                                |                                |                           |
| 27                             | 361R270M200EG2         | 5.900                          | 0.175                          | 12.5 x 20                 |
| 47                             | 361R470M200EK2         | 3.600                          | 0.250                          | 12.5 x 25                 |
| 56                             | 361R560M200EM2         | 3.000                          | 0.280                          | 12.5 x 26.5               |
| 68                             | 361R680M200EN2         | 2.500                          | 0.340                          | 12.5 x 33.5               |
| 82                             | 361R820M200FK2         | 2.000                          | 0.390                          | 16 x 25                   |
| 100                            | 361R101M200ER2         | 1.650                          | 0.450                          | 12.5 x 42.5               |
| 120                            | 361R121M200FF2         | 1.380                          | 0.520                          | 16 x 32                   |
| 150                            | 361R151M200FQ2         | 1.100                          | 0.600                          | 16 x 36                   |
| 220                            | 361R221M200FV2         | 0.760                          | 0.760                          | 16 x 40                   |
| 220                            | 361R221M200LQ2         | 0.760                          | 0.790                          | 18 x 36                   |
| 270                            | 361R271M200LV2         | 0.620                          | 0.910                          | 18 x 40                   |
| <b>250 Vdc (300 Vdc Surge)</b> |                        |                                |                                |                           |
| 18                             | 361R180M250EG2         | 9.200                          | 0.145                          | 12.5 x 20                 |
| 27                             | 361R270M250EK2         | 6.100                          | 0.190                          | 12.5 x 25                 |
| 33                             | 361R330M250EM2         | 5.000                          | 0.215                          | 12.5 x 26.5               |
| 47                             | 361R470M250EN2         | 3.500                          | 0.285                          | 12.5 x 33.5               |
| 47                             | 361R470M250FK2         | 3.500                          | 0.295                          | 16 x 25                   |
| 56                             | 361R560M250ER2         | 2.950                          | 0.345                          | 12.5 x 42.5               |
| 68                             | 361R680M250FF2         | 2.420                          | 0.390                          | 16 x 32                   |
| 82                             | 361R820M250FQ2         | 2.000                          | 0.450                          | 16 x 36                   |
| 100                            | 361R101M250FV2         | 1.650                          | 0.515                          | 16 x 40                   |
| 120                            | 361R121M250LQ2         | 1.380                          | 0.585                          | 18 x 36                   |
| 150                            | 361R151M250LV2         | 1.100                          | 0.685                          | 18 x 40                   |
| <b>300 Vdc (365 Vdc Surge)</b> |                        |                                |                                |                           |
| 12                             | 361R120M300EG2         | 13.80                          | 0.120                          | 12.5 x 20                 |

| Cap.<br>(μF)                   | Catalog<br>Part Number | ESR Max.<br>120 Hz<br>25°C (Ω) | Ripple A<br>120 Hz<br>85°C (A) | Nom Size<br>D X L<br>(mm) |
|--------------------------------|------------------------|--------------------------------|--------------------------------|---------------------------|
| 18                             | 361R180M300EK2         | 9.150                          | 0.155                          | 12.5 x 25                 |
| 22                             | 361R220M300EM2         | 7.500                          | 0.175                          | 12.5 x 26.5               |
| 33                             | 361R330M300EN2         | 5.000                          | 0.240                          | 12.5 x 33.5               |
| 33                             | 361R330M300FK2         | 5.000                          | 0.245                          | 16 x 25                   |
| 47                             | 361R470M300ER2         | 3.500                          | 0.315                          | 12.5 x 42.5               |
| 47                             | 361R470M300FF2         | 3.500                          | 0.325                          | 16 x 32                   |
| 56                             | 361R560M300FQ2         | 2.950                          | 0.375                          | 16 x 36                   |
| 68                             | 361R680M300FV2         | 2.420                          | 0.430                          | 16 x 40                   |
| 82                             | 361R820M300LQ2         | 2.000                          | 0.485                          | 18 x 36                   |
| 100                            | 361R101M300LV2         | 1.650                          | 0.555                          | 18 x 40                   |
| <b>350 Vdc (400 Vdc Surge)</b> |                        |                                |                                |                           |
| 10                             | 361R100M350EK2         | 16.50                          | 0.115                          | 12.5 x 25                 |
| 15                             | 361R150M350EM2         | 11.00                          | 0.145                          | 12.5 x 26.5               |
| 22                             | 361R220M350EN2         | 7.500                          | 0.195                          | 12.5 x 33.5               |
| 27                             | 361R270M350FK2         | 6.100                          | 0.225                          | 16 x 25                   |
| 33                             | 361R330M350ER2         | 5.000                          | 0.265                          | 12.5 x 42.5               |
| <b>350 Vdc (400 Vdc Surge)</b> |                        |                                |                                |                           |
| 10                             | 361R100M350EK2         | 16.50                          | 0.115                          | 12.5 x 25                 |
| 15                             | 361R150M350EM2         | 11.00                          | 0.145                          | 12.5 x 26.5               |
| 22                             | 361R220M350EN2         | 7.500                          | 0.195                          | 12.5 x 33.5               |
| 27                             | 361R270M350FK2         | 6.100                          | 0.225                          | 16 x 25                   |
| 33                             | 361R330M350ER2         | 5.000                          | 0.265                          | 12.5 x 42.5               |
| 39                             | 361R390M350FF2         | 4.250                          | 0.295                          | 16 x 32                   |
| 47                             | 361R470M350FQ2         | 3.500                          | 0.340                          | 16 x 36                   |
| 56                             | 361R560M350FV2         | 2.950                          | 0.385                          | 16 x 40                   |
| 68                             | 361R680M350LQ2         | 2.420                          | 0.445                          | 18 x 36                   |
| 82                             | 361R820M350LV2         | 2.000                          | 0.500                          | 18 x 40                   |
| <b>400 Vdc (450 Vdc Surge)</b> |                        |                                |                                |                           |
| 8                              | 361R080M400EK2         | 20.00                          | 0.105                          | 12.5 x 25                 |
| 12                             | 361R120M400EM2         | 13.80                          | 0.125                          | 12.5 x 26.5               |
| 18                             | 361R180M400EN2         | 9.100                          | 0.175                          | 12.5 x 33.5               |
| 22                             | 361R220M400FK2         | 7.500                          | 0.200                          | 16 x 25                   |
| 27                             | 361R270M400ER2         | 6.100                          | 0.235                          | 12.5 x 42.5               |
| 33                             | 361R330M400FF2         | 5.000                          | 0.275                          | 16 x 32                   |
| 39                             | 361R390M400FQ2         | 4.200                          | 0.315                          | 16 x 36                   |
| 47                             | 361R470M400FV2         | 3.500                          | 0.355                          | 16 x 40                   |
| 56                             | 361R560M400LQ2         | 2.950                          | 0.400                          | 18 x 36                   |
| 68                             | 361R680M400LV2         | 2.420                          | 0.465                          | 18 x 40                   |
| <b>450 Vdc (500 Vdc Surge)</b> |                        |                                |                                |                           |
| 7                              | 361R070M450EK2         | 20.00                          | 0.100                          | 12.5 x 25                 |
| 10                             | 361R100M450EM2         | 16.50                          | 0.120                          | 12.5 x 26.5               |
| 15                             | 361R150M450EN2         | 11.00                          | 0.165                          | 12.5 x 33.5               |
| 18                             | 361R180M450FK2         | 9.100                          | 0.185                          | 16 x 25                   |
| 22                             | 361R220M450ER2         | 7.500                          | 0.215                          | 12.5 x 42.5               |
| 27                             | 361R270M450FF2         | 6.100                          | 0.245                          | 16 x 32                   |
| 33                             | 361R330M450FQ2         | 5.000                          | 0.285                          | 16 x 36                   |
| 39                             | 361R390M450FV2         | 4.200                          | 0.325                          | 16 x 40                   |
| 47                             | 361R470M450LQ2         | 3.500                          | 0.365                          | 18 x 36                   |
| 56                             | 361R560M450LV2         | 2.950                          | 0.415                          | 18 x 40                   |

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