

Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

85 °C & 105 °C, Standard



Ideal for general purpose use where long life at rated temperature and operating voltage are important. Type 066 is equipped with a molded top and uses an o-ring to ensure a long life seal and an expected life of more than ten years in most applications. Type 066X has extra capacitance. Type 066R has lower ESR and higher ripple capability.

Highlights

- ◆ Long life, more than ten years in most applications
- ◆ Molded top
- ◆ Low DCL
- ◆ High Ripple
- ◆ General purpose

Specifications

| | |
|------------------------------------|--|
| Operating Temperature: | -40 °C to +85 °C (Type 066R -40 °C to +105 °C) |
| Rated Voltage: | 6.3 to 450 Vdc |
| Capacitance: | 8.2 μF to 68,000 μF |
| Capacitance Tolerance: | -10 + 75% |
| Leakage Current: | ≤0.005 CV μA @ +25 °C, ≤0.04 CV μA @ 85 °C |
| Ripple Current Multipliers: | Ambient Temperature |

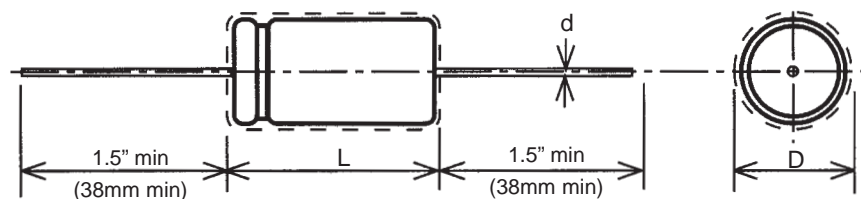
| Type | 45 °C | 55 °C | 65 °C | 75 °C | 85 °C | 95 °C | 105 °C |
|------|-------|-------|-------|-------|-------|-------|--------|
| 066 | 2.24 | 2.00 | 1.73 | 1.41 | 1.00 | 0.0 | 0.0 |
| 066R | 1.68 | 1.54 | 1.38 | 1.21 | 1.00 | 0.74 | 0.30 |

Frequency

| | 50 Hz | 60 Hz | 120 Hz | 360 Hz | 1 kHz | 5 kHz | 10 kHz+ |
|------------|-------|-------|--------|--------|-------|-------|---------|
| 0-60 μF | 0.85 | 1.00 | 1.10 | 1.15 | 1.15 | 1.15 | 1.15 |
| 61-200 μF | 0.83 | 1.00 | 1.15 | 1.20 | 1.20 | 1.20 | 1.20 |
| 201-450 μF | 0.80 | 1.00 | 1.15 | 1.30 | 1.30 | 1.30 | 1.30 |

| | |
|--------------------|--|
| Load Life: | 1,000 h @ +85 °C Δ Capacitance ±10% ESR 150% of limit DCL 100% of limit |
| Shelf Life: | 100 h at 85 °C, capacitance, ESR and DCL, initial requirements |
| Vibration: | 10 to 55 Hz; 0.06" and 10 g max, 2 h. in each plane |

Outline Drawings



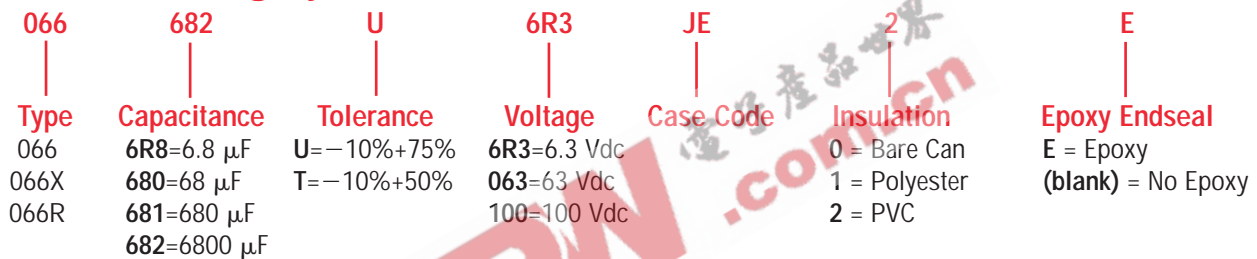
d = 20 AWG for D < 0.75", 18 AWG for D ≥ 0.75"

Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

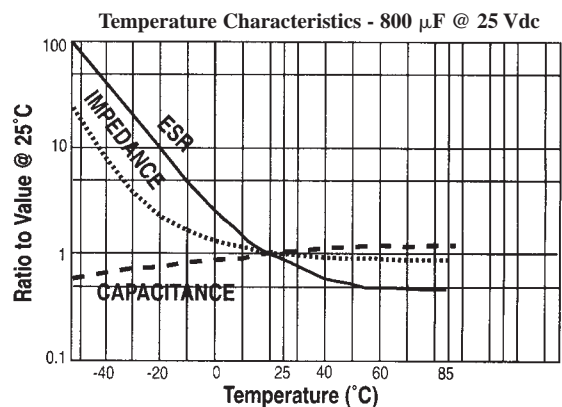
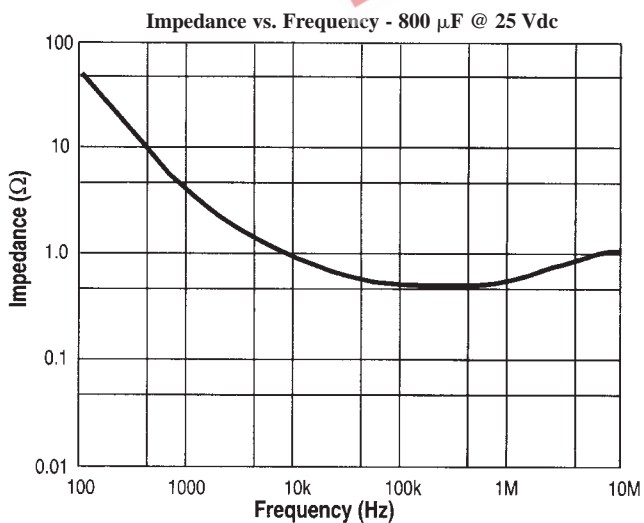
Case Dimensions

| Case Code | Inches | | mm | | Case Code | Inches | | mm | |
|-----------|----------|-------|----------|-------|-----------|----------|-------|----------|-------|
| | D ± .016 | L max | D ± .397 | L max | | D ± .016 | L max | D ± .397 | L max |
| FE | .635 | 1.250 | 16.13 | 31.75 | HE | .885 | 1.250 | 22.48 | 31.75 |
| FJ | .635 | 1.750 | 16.13 | 44.45 | HJ | .885 | 1.750 | 22.48 | 44.45 |
| FL | .635 | 2.250 | 16.13 | 57.15 | HL | .885 | 2.250 | 22.48 | 57.15 |
| FP | .635 | 2.750 | 16.13 | 69.85 | HP | .885 | 2.750 | 22.48 | 69.85 |
| FS | .635 | 3.250 | 16.13 | 82.55 | HS | .885 | 3.250 | 22.48 | 82.55 |
| FT | .635 | 3.750 | 16.13 | 95.25 | HT | .885 | 3.750 | 25.65 | 95.25 |
| GE | .760 | 1.250 | 19.30 | 31.75 | JE | 1.010 | 1.250 | 25.65 | 31.75 |
| GJ | .760 | 1.750 | 19.30 | 57.15 | JJ | 1.010 | 1.750 | 25.65 | 44.45 |
| GL | .760 | 2.250 | 19.30 | 69.85 | JL | 1.010 | 2.250 | 25.65 | 44.45 |
| GP | .760 | 2.750 | 19.30 | 69.85 | JP | 1.010 | 2.750 | 25.65 | 57.15 |
| GS | .760 | 3.250 | 19.30 | 82.55 | JS | 1.010 | 3.250 | 25.65 | 69.85 |
| GT | .760 | 3.750 | 19.30 | 95.25 | JT | 1.010 | 3.75 | 25.65 | 82.55 |

Part Numbering System



Typical Performance Curves



Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

Ratings

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 6.3 Vdc (8 Vdc Surge) | | | | | | |
| 1800 | 066182U6R3FE2 | 0.520 | 0.281 | 0.68 | 0.86 | 5/8 X 1 1/8 |
| 2700 | 066272U6R3GE2 | 0.340 | 0.185 | 0.85 | 1.1 | 3/4 X 1 1/8 |
| 3900 | 066392U6R3FJ2 | 0.260 | 0.141 | 1.10 | 1.4 | 5/8 X 1 5/8 |
| 4700 | 066472U6R3HE2 | 0.230 | 0.126 | 1.10 | 1.3 | 7/8 X 1 1/8 |
| 5600 | 066562U6R3GJ2 | 0.170 | 0.096 | 1.40 | 1.8 | 3/4 X 1 5/8 |
| 5600 | 066R562U6R3GE2 | 0.340 | 0.185 | 1.20 | 1.5 | 3/4 X 1 1/8 |
| 5600 | 066X562U6R3GE2 | 0.340 | 0.185 | 0.85 | 1.1 | 3/4 X 1 1/8 |
| 6800 | 066682U6R3JE2 | 0.180 | 0.104 | 1.30 | 1.5 | 1 X 1 1/8 |
| 8200 | 066822U6R3HJ2 | 0.120 | 0.065 | 1.80 | 2.2 | 7/8 X 1 5/8 |
| 10000 | 066103U6R3FS2 | 0.110 | 0.06 | 2.50 | 3.0 | 5/8 X 3 1/8 |
| 10000 | 066R103U6R3GJ2 | 0.170 | 0.096 | 2.00 | 2.5 | 3/4 X 1 5/8 |
| 12000 | 066123U6R3GP2 | 0.093 | 0.052 | 3.50 | 4.3 | 3/4 X 2 5/8 |
| 12000 | 066X123U6R3GJ2 | 0.170 | 0.096 | 1.40 | 1.8 | 3/4 X 1 5/8 |
| 15000 | 066153U6R3HL2 | 0.080 | 0.045 | 2.60 | 3.1 | 7/8 X 2 1/8 |
| 15000 | 066R153U6R3HJ2 | 0.120 | 0.065 | 2.60 | 3.1 | 7/8 X 1 5/8 |
| 18000 | 066183U6R3JL2 | 0.062 | 0.036 | 3 | 3.5 | 1 X 2 1/8 |
| 18000 | 066X183U6R3HJ2 | 0.120 | 0.065 | 1.8 | 2.2 | 7/8 X 1 5/8 |
| 22000 | 066223U6R3HS2 | 0.052 | 0.03 | 3.8 | 4.4 | 7/8 X 3 1/8 |
| 22000 | 066R223U6R3HL2 | 0.080 | 0.045 | 3.6 | 4.3 | 7/8 X 2 1/8 |
| 27000 | 066273U6R3JP2 | 0.049 | 0.029 | 3.7 | 4.3 | 1 X 2 5/8 |
| 27000 | 066X273U6R3HL2 | 0.080 | 0.045 | 2.6 | 3.1 | 7/8 X 2 1/8 |
| 33000 | 066333U6R3JS2 | 0.042 | 0.024 | 4.4 | 4.9 | 1 X 3 1/8 |
| 33000 | 066R333U6R3JL2 | 0.062 | 0.036 | 4.3 | 5.0 | 1 X 2 1/8 |
| 33000 | 066X333U6R3JL2 | 0.062 | 0.036 | 3 | 3.5 | 1 X 2 1/8 |
| 39000 | 066393U6R3JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 X 3 5/8 |
| 47000 | 066R473U6R3JP2 | 0.049 | 0.028 | 5.3 | 6.1 | 1 X 2 5/8 |
| 47000 | 066X473U6R3JP2 | 0.049 | 0.028 | 3.8 | 4.3 | 1 X 2 5/8 |
| 56000 | 066R563U6R3JS2 | 0.041 | 0.024 | 6.2 | 7.0 | 1 X 3 1/8 |
| 56000 | 066X563U6R3JS2 | 0.041 | 0.024 | 4.4 | 4.9 | 1 X 3 1/8 |
| 68000 | 066R683U6R3JT2 | 0.037 | 0.022 | 7.0 | 7.8 | 1 X 3 5/8 |
| 68000 | 066X683U6R3JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 X 3 5/8 |
| 7.5 Vdc (9 Vdc Surge) | | | | | | |
| 1800 | 066182U7R5FE2 | 0.520 | 0.281 | 0.67 | 0.86 | 5/8 X 1 1/8 |
| 2700 | 066272U7RSGE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 3300 | 066332U7R5FJ2 | 0.260 | 0.141 | 1.10 | 1.4 | 5/8 X 1 5/8 |
| 3900 | 066392U7R5HE2 | 0.230 | 0.126 | 1.10 | 1.3 | 7/8 X 1 1/8 |
| 4700 | 066R472U7R5GE2 | 0.340 | 0.185 | 1.20 | 1.5 | 3/4 X 1 1/8 |
| 5600 | 066562U7R5GJ2 | 0.170 | 0.096 | 1.40 | 1.8 | 3/4 X 1 5/8 |
| 5600 | 066X562U7R5GE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 8200 | 066822U7R5FS2 | 0.110 | 0.06 | 2.40 | 3.0 | 5/8 X 3 1/8 |
| 8200 | 066R822U7R5HJ2 | 0.120 | 0.065 | 1.80 | 2.2 | 7/8 X 1 5/8 |
| 10000 | 066103U7R5GP2 | 0.094 | 0.052 | 3.50 | 4.3 | 3/4 X 2 5/8 |
| 10000 | 066R103U7R5GJ2 | 0.170 | 0.096 | 2.00 | 2.5 | 3/4 X 1 5/8 |
| 12000 | 066123U7R5HL2 | 0.081 | 0.045 | 2.50 | 3.1 | 7/8 X 2 1/8 |
| 15000 | 066R153U7R5HJ2 | 0.120 | 0.065 | 2.60 | 3.1 | 7/8 X 1 5/8 |
| 15000 | 066X153U7R5HJ2 | 0.120 | 0.065 | 1.80 | 2.2 | 7/8 X 1 5/8 |
| 18000 | 066183U7R5JL2 | 0.063 | 0.036 | 3.00 | 3.5 | 1 X 2 1/8 |
| 22000 | 066223U7R5JP2 | 0.050 | 0.029 | 3.70 | 4.3 | 1 X 2 5/8 |
| 22000 | 066R223U7R5HL2 | 0.081 | 0.045 | 3.60 | 4.3 | 7/8 X 2 1/8 |
| 22000 | 066X223U7R5HL2 | 0.081 | 0.045 | 2.50 | 3.1 | 7/8 X 2 1/8 |
| 27000 | 066273U7R5JS2 | 0.042 | 0.024 | 4.30 | 4.9 | 1 X 3 1/8 |
| 33000 | 066333U7R5JT2 | 0.037 | 0.022 | 4.90 | 5.5 | 1 X 3 5/8 |
| 33000 | 066R333U7R5JL2 | 0.063 | 0.036 | 4.30 | 5.0 | 1 X 2 1/8 |
| 33000 | 066X333U7R5JL2 | 0.063 | 0.036 | 3.00 | 3.5 | 1 X 2 1/8 |
| 39000 | 066R393U7R5JP2 | 0.049 | 0.028 | 5.30 | 6.1 | 1 X 2 5/8 |

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---------------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 7.5 Vdc (9 Vdc Surge) (cont'd) | | | | | | |
| 47000 | 066R473U7R5JS2 | 0.042 | 0.024 | 6.2 | 7.0 | 1 X 3 1/8 |
| 47000 | 066X473U7R5JP2 | 0.049 | 0.028 | 3.7 | 4.3 | 1 X 2 5/8 |
| 56000 | 0662563U7R5JT2 | 0.037 | 0.022 | 6.9 | 7.8 | 1 X 3 5/8 |
| 56000 | 066X563U7R5JS2 | 0.042 | 0.024 | 4.3 | 4.9 | 1 X 3 1/8 |
| 68000 | 066X683U7R5JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 X 3 5/8 |
| 10 Vdc (12 Vdc Surge) | | | | | | |
| 1200 | 066122U010FE2 | 0.520 | 0.281 | 0.67 | 0.86 | 5/8 X 1 1/8 |
| 1800 | 066182U010GE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 2700 | 066272U010FJ2 | 0.260 | 0.141 | 1.1 | 1.4 | 5/8 X 1 5/8 |
| 3900 | 066392U010GJ2 | 0.170 | 0.096 | 1.4 | 1.8 | 3/4 X 1 5/8 |
| 3900 | 066R392U010GE2 | 0.340 | 0.185 | 1.2 | 1.5 | 3/4 X 1 1/8 |
| 4700 | 066X472U010GE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 5600 | 066562U010HJ2 | 0.120 | 0.065 | 1.8 | 2.2 | 7/8 X 1 5/8 |
| 6800 | 066682U010GP2 | 0.094 | 0.052 | 3.5 | 4.3 | 3/4 X 2 5/8 |
| 8200 | 066822U010HL2 | 0.081 | 0.045 | 2.5 | 3.1 | 7/8 X 2 1/8 |
| 8200 | 066R822U010GJ2 | 0.170 | 0.096 | 2.0 | 2.5 | 3/4 X 1 5/8 |
| 10000 | 066X103U010GJ2 | 0.170 | 0.096 | 1.4 | 1.8 | 3/4 X 1 5/8 |
| 12000 | 066123U010HJ2 | 0.120 | 0.065 | 2.6 | 3.1 | 7/8 X 1 5/8 |
| 12000 | 066123U010JL2 | 0.063 | 0.036 | 3.0 | 3.5 | 1 X 2 1/8 |
| 15000 | 066153U010HS2 | 0.053 | 0.03 | 3.7 | 4.4 | 7/8 X 3 1/8 |
| 15000 | 066X153U010HJ2 | 0.120 | 0.065 | 1.8 | 2.2 | 7/8 X 1 5/8 |
| 18000 | 066LR183U010HL2 | 0.081 | 0.045 | 3.6 | 4.3 | 7/8 X 2 1/8 |
| 18000 | 066183U010JP2 | 0.050 | 0.029 | 3.7 | 4.3 | 1 X 2 5/8 |
| 22000 | 066223U010JS2 | 0.042 | 0.024 | 4.3 | 4.9 | 1 X 3 1/8 |
| 22000 | 066X223U010HL2 | 0.081 | 0.045 | 2.5 | 3.1 | 7/8 X 2 1/8 |
| 27000 | 066273U010JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 X 3 5/8 |
| 27000 | 066R273U010JL2 | 0.063 | 0.036 | 4.3 | 5.0 | 1 X 2 1/8 |
| 33000 | 066R333U010JP2 | 0.049 | 0.028 | 5.3 | 6.1 | 1 X 2 5/8 |
| 33000 | 066X333U010JL2 | 0.063 | 0.036 | 3.0 | 3.5 | 1 X 2 1/8 |
| 39000 | 066X393U010JP2 | 0.049 | 0.028 | 3.7 | 4.3 | 1 X 2 5/8 |
| 47000 | 066R473U010JS2 | 0.042 | 0.024 | 6.2 | 7.0 | 1 X 3 1/8 |
| 47000 | 066X473U010JS2 | 0.042 | 0.024 | 4.3 | 4.9 | 1 X 3 1/8 |
| 56000 | 066R563U010JT2 | 0.037 | 0.022 | 6.9 | 7.8 | 1 X 3 5/8 |
| 56000 | 066X563U010JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 X 3 5/8 |
| 16 Vdc (20 Vdc Surge) | | | | | | |
| 1000 | 066102U016FE2 | 0.520 | 0.281 | 0.67 | 0.86 | 5/8 X 1 1/8 |
| 1500 | 066152U016GE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 2200 | 066222U016FJ2 | 0.260 | 0.141 | 1.1 | 1.4 | 5/8 X 1 5/8 |
| 2700 | 066R272U016GE2 | 0.340 | 0.185 | 1.2 | 1.5 | 4/4 X 1 1/8 |
| 3300 | 066332U016GJ2 | 0.170 | 0.096 | 1.4 | 1.8 | 3/4 X 1 5/8 |
| 3300 | 066X332U016GE2 | 0.340 | 0.185 | 0.84 | 1.1 | 3/4 X 1 1/8 |
| 4700 | 066472U016HJ2 | 0.120 | 0.065 | 1.8 | 2.2 | 7/8 X 1 5/8 |
| 5600 | 066R562U016GJ2 | 0.170 | 0.096 | 2.0 | 2.5 | 3/4 X 1 5/8 |
| 5600 | 066562U016GP2 | 0.094 | 0.052 | 3.5 | 4.3 | 3/4 X 2 5/8 |
| 6800 | 066682U016HL2 | 0.081 | 0.045 | 2.5 | 3.1 | 7/8 X 2 1/8 |
| 6800 | 066X682U016GJ2 | 0.170 | 0.096 | 1.4 | 1.8 | 3/4 X 1 5/8 |
| 8200 | 066R822U016HJ2 | 0.120 | 0.065 | 2.6 | 3.1 | 7/8 X 1 5/8 |
| 10000 | 066103U016JL2 | 0.063 | 0.036 | 3.0 | 3.5 | 1 X 2 1/8 |
| 10000 | 066X103U016HJ2 | 0.120 | 0.065 | 1.8 | 2.2 | 7/8 X 1 5/8 |
| 12000 | 066123U016HS2 | 0.053 | 0.03 | 3.7 | 4.4 | 7/8 X 3 1/8 |
| 12000 | 066R123U016HL2 | 0.081 | 0.045 | 3.6 | 4.3 | 7/8 X 2 1/8 |
| 15000 | 066153U016JP2 | 0.050 | 0.029 | 3.7 | 4.3 | 1 X 2 5/8 |
| 15000 | 066X153U016HL2 | 0.081 | 0.045 | 2.5 | 3.1 | 7/8 X 2 1/8 |
| 18000 | 066183U016JS2 | 0.042 | 0.024 | 4.3 | 4.9 | 1 X 3 1/8 |
| 18000 | 066R183U016JL2 | 0.063 | 0.036 | 4.3 | 5.0 | 1 X 2 1/8 |

Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---------------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 16 Vdc (20 Vdc Surge) (cont'd) | | | | | | |
| 22000 | 066223U016JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 x 3 5/8 |
| 22000 | 066R223U016JP2 | 0.049 | 0.028 | 5.3 | 6.1 | 1 x 2 5/8 |
| 22000 | 066X223U016JL2 | 0.063 | 0.036 | 3.0 | 3.5 | 1 x 2 1/8 |
| 27000 | 066R273U016JS2 | 0.042 | 0.024 | 6.2 | 7.0 | 1 x 3 1/8 |
| 27000 | 066X273U016JP2 | 0.049 | 0.028 | 3.7 | 4.3 | 1 x 2 5/8 |
| 33000 | 066R333U016JT2 | 0.037 | 0.022 | 6.9 | 7.8 | 1 x 3 5/8 |
| 33000 | 066X333U016JS2 | 0.042 | 0.024 | 4.3 | 4.9 | 1 x 3 1/8 |
| 39000 | 066X393U016JT2 | 0.037 | 0.022 | 4.9 | 5.5 | 1 x 3 5/8 |
| 25 Vdc (35 Vdc Surge) | | | | | | |
| 560 | 066561U025FE2 | 0.510 | 0.267 | 0.66 | 0.87 | 5/8 x 1 1/8 |
| 820 | 066821U025GE2 | 0.340 | 0.178 | 0.82 | 1.1 | 3/4 x 1 1/8 |
| 1000 | 066102U025FJ2 | 0.260 | 0.133 | 1.1 | 1.5 | 5/8 x 1 5/8 |
| 1200 | 066122U025HE2 | 0.240 | 0.126 | 1.1 | 1.3 | 7/8 x 1 1/8 |
| 1800 | 066182U025GJ2 | 0.170 | 0.089 | 1.4 | 1.8 | 3/4 x 1 5/8 |
| 1800 | 066R182U025GE2 | 0.330 | 0.170 | 1.2 | 1.5 | 3/4 x 1 1/8 |
| 2200 | 066X222U025GE2 | 0.330 | 0.170 | 0.84 | 1.1 | 3/4 x 1 1/8 |
| 2700 | 066272U025HJ2 | 0.120 | 0.065 | 1.8 | 2.1 | 7/8 x 1 5/8 |
| 3900 | 066392U025HL2 | 0.082 | 0.045 | 2.5 | 3.0 | 7/8 x 2 1/8 |
| 3900 | 066R392U025GJ2 | 0.170 | 0.089 | 2.0 | 2.6 | 3/4 x 1 5/8 |
| 4700 | 066X472U025GJ2 | 0.170 | 0.089 | 1.4 | 1.8 | 3/4 x 1 5/8 |
| 5600 | 066562U025JL2 | 0.066 | 0.037 | 2.8 | 3.3 | 1 x 2 1/8 |
| 5600 | 066R562U025HJ2 | 0.120 | 0.062 | 2.6 | 3.2 | 7/8 x 1 5/8 |
| 6800 | 066682U025JP2 | 0.051 | 0.030 | 3.5 | 4.1 | 1 x 2 5/8 |
| 6800 | 066X682U025HJ2 | 0.120 | 0.062 | 1.8 | 2.2 | 7/8 x 1 5/8 |
| 8200 | 066822U025JS2 | 0.043 | 0.025 | 4.1 | 4.7 | 1 x 3 1/8 |
| 8200 | 066R822U025HL2 | 0.080 | 0.043 | 3.6 | 4.4 | 7/8 x 2 1/8 |
| 10000 | 066103U025JT2 | 0.038 | 0.023 | 4.7 | 5.2 | 1 x 3 5/8 |
| 10000 | 066X103U025HL2 | 0.080 | 0.043 | 2.5 | 3.1 | 7/8 x 2 1/8 |
| 12000 | 066R123U025JL2 | 0.062 | 0.035 | 4.2 | 5.0 | 1 x 2 1/8 |
| 15000 | 066R153U025JP2 | 0.049 | 0.027 | 5.2 | 6.1 | 1 x 2 5/8 |
| 15000 | 066X153U025JL2 | 0.062 | 0.035 | 3.0 | 3.5 | 1 x 2 1/8 |
| 18000 | 066X183U025JP2 | 0.049 | 0.027 | 3.7 | 4.3 | 1 x 2 5/8 |
| 22000 | 066R223U025JS2 | 0.041 | 0.024 | 6.1 | 7.0 | 1 x 3 1/8 |
| 22000 | 066R223U025JT2 | 0.037 | 0.021 | 6.9 | 7.8 | 1 x 3 5/8 |
| 22000 | 066X223U025JS2 | 0.041 | 0.024 | 4.3 | 5.0 | 1 x 3 1/8 |
| 27000 | 066X273U025JT2 | 0.037 | 0.021 | 4.9 | 5.5 | 1 x 3 5/8 |
| 35 Vdc (45 Vdc Surge) | | | | | | |
| 470 | 066471U035FE2 | 0.540 | 0.267 | 0.64 | 0.86 | 5/8 x 1 1/8 |
| 680 | 066681U035GE2 | 0.350 | 0.178 | 0.8 | 1.0 | 3/4 x 1 1/8 |
| 820 | 066821U035FJ2 | 0.270 | 0.133 | 1.1 | 1.4 | 5/8 x 1 5/8 |
| 1200 | 066122U035HE2 | 0.250 | 0.126 | 1.0 | 1.3 | 7/8 x 1 1/8 |
| 1200 | 066R122LI035GE2 | 0.350 | 0.178 | 1.1 | 1.5 | 3/4 x 1 1/8 |
| 1500 | 066152U035GJ2 | 0.180 | 0.089 | 1.3 | 1.7 | 3/4 x 1 5/8 |
| 1500 | 066X152U035GE2 | 0.350 | 0.178 | 0.8 | 1.0 | 3/4 x 1 1/8 |
| 2200 | 066222U035HJ2 | 0.120 | 0.065 | 1.7 | 2.1 | 7/8 x 1 5/8 |
| 2200 | 066R222U035GJ2 | 0.180 | 0.089 | 1.9 | 2.5 | 3/4 x 1 5/8 |
| 2700 | 066272U035GP2 | 0.098 | 0.05 | 3.3 | 4.2 | 3/4 x 2 5/8 |
| 3300 | 066332U035HL2 | 0.085 | 0.045 | 2.4 | 3.0 | 7/8 x 2 1/8 |
| 3300 | 066X332U035GJ2 | 0.180 | 0.089 | 1.3 | 1.7 | 3/4 x 1 5/8 |
| 3900 | 066R392U035HJ2 | 0.120 | 0.065 | 2.4 | 3.0 | 7/8 x 1 5/8 |
| 4700 | 066X472U035HJ2 | 0.120 | 0.065 | 1.7 | 2.1 | 7/8 x 1 5/8 |
| 4700 | 066472U035JL2 | 0.068 | 0.038 | 2.8 | 3.3 | 1 x 2 1/8 |
| 5600 | 066562U035JP2 | 0.053 | 0.03 | 3.5 | 4.1 | 1 x 2 5/8 |
| 5600 | 066R562U035HL2 | 0.085 | 0.045 | 3.4 | 4.2 | 7/8 x 2 1/8 |
| 6800 | 066X682U035HL2 | 0.085 | 0.045 | 2.4 | 3.0 | 7/8 x 2 1/8 |

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---------------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 35 Vdc (45 Vdc Surge) (cont'd) | | | | | | |
| 8200 | 066822U035JS2 | 0.045 | 0.025 | 4.1 | 4.7 | 1 x 3 1/8 |
| 8200 | 066R822U035JL2 | 0.067 | 0.037 | 4.0 | 4.7 | 1 x 2 1/8 |
| 10000 | 066R103U035JP2 | 0.053 | 0.030 | 4.9 | 5.8 | 1 x 2 5/8 |
| 10000 | 066X103U035JL2 | 0.067 | 0.037 | 2.8 | 3.3 | 1 x 2 1/8 |
| 12000 | 066R123U035JS2 | 0.044 | 0.025 | 5.8 | 6.7 | 1 x 3 1/8 |
| 12000 | 066X123U035JP2 | 0.053 | 0.030 | 3.5 | 4.1 | 1 x 2 5/8 |
| 15000 | 066R153U035JT2 | 0.039 | 0.023 | 6.5 | 7.4 | 1 x 3 5/8 |
| 18000 | 066X183U035JT2 | 0.039 | 0.023 | 4.6 | 5.3 | 1 x 3 5/8 |
| 50 Vdc (70 Vdc Surge) | | | | | | |
| 270 | 066271U050FE2 | 0.680 | 0.274 | 0.54 | 0.84 | 5/8 x 1 1/8 |
| 470 | 066471U050GE2 | 0.450 | 0.185 | 0.68 | 1.0 | 3/4 x 1 1/8 |
| 560 | 066561U050FJ2 | 0.340 | 0.141 | 0.91 | 1.4 | 5/8 x 1 5/8 |
| 680 | 066681U050HE2 | 0.310 | 0.133 | 0.88 | 1.3 | 7/8 x 1 1/8 |
| 680 | 066R681U050GE2 | 0.450 | 0.185 | 0.96 | 1.4 | 3/4 x 1 1/8 |
| 820 | 066821U050GJ2 | 0.230 | 0.096 | 1.1 | 1.7 | 3/4 x 1 5/8 |
| 820 | 066X821U050GE2 | 0.450 | 0.185 | 0.68 | 1.0 | 3/4 x 1 1/8 |
| 1000 | 066102U050JE2 | 0.240 | 0.104 | 1.0 | 1.4 | 1 x 1 1/8 |
| 1200 | 066122U050HJ2 | 0.160 | 0.067 | 1.5 | 2.1 | 7/8 x 1 5/8 |
| 1200 | 066R122U050GJ2 | 0.230 | 0.096 | 1.6 | 2.4 | 3/4 x 1 5/8 |
| 1500 | 066152U050FS2 | 0.140 | 0.060 | 2.0 | 3.0 | 5/8 x 3 1/8 |
| 1800 | 066182U050HL2 | 0.110 | 0.047 | 2.1 | 2.9 | 7/8 x 2 1/8 |
| 1800 | 066X182U050GJ2 | 0.230 | 0.096 | 1.1 | 1.7 | 3/4 x 1 5/8 |
| 2200 | 066R222U050HJ2 | 0.160 | 0.067 | 2.1 | 3.0 | 7/8 x 1 5/8 |
| 2700 | 066272U050JL2 | 0.083 | 0.039 | 2.5 | 3.2 | 1 x 2 1/8 |
| 2700 | 066X272U050HJ2 | 0.160 | 0.067 | 1.5 | 2.1 | 7/8 x 1 5/8 |
| 3300 | 066332U050HS2 | 0.068 | 0.031 | 3.1 | 4.2 | 7/8 x 3 1/8 |
| 3300 | 066R332U050HL2 | 0.110 | 0.046 | 3.0 | 4.1 | 7/8 x 2 1/8 |
| 3900 | 066392U050JP2 | 0.064 | 0.030 | 3.1 | 4.0 | 1 x 2 5/8 |
| 3900 | 066R392U050JL2 | 0.082 | 0.038 | 3.5 | 4.6 | 1 x 2 1/8 |
| 3900 | 066X392U050HL2 | 0.110 | 0.046 | 2.1 | 2.9 | 7/8 x 2 1/8 |
| 4700 | 066472U050JS2 | 0.054 | 0.026 | 3.7 | 4.6 | 1 x 3 1/8 |
| 5600 | 066562U050JT2 | 0.047 | 0.023 | 4.2 | 5.2 | 1 x 3 5/8 |
| 5600 | 066R562U050JP2 | 0.064 | 0.030 | 4.4 | 5.7 | 1 x 2 5/8 |
| 5600 | 066X562U050JL2 | 0.082 | 0.038 | 2.5 | 3.3 | 1 x 2 1/8 |
| 6800 | 066R682U050JS2 | 0.053 | 0.026 | 5.2 | 6.6 | 1 x 3 1/8 |
| 6800 | 066X682U050JP2 | 0.064 | 0.030 | 3.1 | 4.0 | 1 x 2 5/8 |
| 8200 | 066R822U050JT2 | 0.047 | 0.023 | 5.9 | 7.4 | 1 x 3 5/8 |
| 10000 | 066X103U050JS2 | 0.053 | 0.026 | 3.7 | 4.7 | 1 x 3 1/8 |
| 12000 | 066X123U050JT2 | 0.047 | 0.023 | 4.2 | 5.2 | 1 x 3 5/8 |
| 63 Vdc (80 Vdc Surge) | | | | | | |
| 180 | 066181U063FE2 | 0.810 | 0.281 | 0.48 | 0.83 | 5/8 x 1 1/8 |
| 270 | 066271U063GE2 | 0.530 | 0.185 | 0.6 | 1.0 | 3/4 x 1 1/8 |
| 390 | 066391U063FJ2 | 0.410 | 0.141 | 0.81 | 1.4 | 5/8 x 1 5/8 |
| 470 | 066R471U063GE2 | 0.530 | 0.185 | 0.86 | 1.4 | 3/4 x 1 1/8 |
| 560 | 066561U063GJ2 | 0.270 | 0.096 | 1.0 | 1.7 | 3/4 x 1 5/8 |
| 560 | 066X561U063GE2 | 0.530 | 0.185 | 0.61 | 1.0 | 3/4 x 1 1/8 |
| 680 | 066681U063JE2 | 0.280 | 0.111 | 0.96 | 1.4 | 1 x 1 1/8 |
| 820 | 066821U063HJ2 | 0.180 | 0.068 | 1.3 | 2.1 | 7/8 x 1 5/8 |
| 820 | 066R821U063GJ2 | 0.270 | 0.096 | 1.4 | 2.4 | 3/4 x 1 5/8 |
| 1000 | 066102U063FS2 | 0.170 | 0.061 | 1.8 | 2.9 | 5/8 x 3 1/8 |
| 1200 | 066122U063GP2 | 0.140 | 0.053 | 2.6 | 4.1 | 3/4 x 2 5/8 |
| 1200 | 066X122U063GJ2 | 0.270 | 0.096 | 1.0 | 1.7 | 3/4 x 1 5/8 |
| 1500 | 066152U063HL2 | 0.120 | 0.047 | 1.9 | 2.9 | 7/8 x 2 1/8 |
| 1500 | 066R152U063HJ2 | 0.180 | 0.067 | 1.9 | 2.9 | 7/8 x 1 5/8 |
| 1800 | 066182U063JL2 | 0.095 | 0.039 | 2.3 | 3.2 | 1 x 2 1/8 |

Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---------------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 63 Vdc (80 Vdc Surge) (cont'd) | | | | | | |
| 1800 | 066X182U063HJ2 | 0.180 | 0.067 | 1.3 | 2.1 | 7/8 x 1 5/8 |
| 2200 | 066222U063HS2 | 0.079 | 0.031 | 2.9 | 4.2 | 7/8 x 3 1/8 |
| 2200 | 066R222U063HL2 | 0.120 | 0.047 | 2.7 | 4.1 | 7/8 x 2 1/8 |
| 2700 | 066R272U063JL2 | 0.095 | 0.039 | 3.2 | 4.6 | 1 x 2 1/8 |
| 2700 | 066X272U063HL2 | 0.120 | 0.047 | 1.9 | 2.9 | 7/8 x 2 1/8 |
| 2700 | 066272U063JP2 | 0.074 | 0.03 | 2.9 | 4.0 | 1 x 2 5/8 |
| 3300 | 066332U063JS2 | 0.061 | 0.026 | 3.4 | 4.6 | 1 x 3 1/8 |
| 3900 | 066392U063JT2 | 0.053 | 0.024 | 3.9 | 5.2 | 1 x 3 5/8 |
| 3900 | 066R392U063JP2 | 0.073 | 0.03 | 4.1 | 5.7 | 1 x 2 5/8 |
| 3900 | 066X392U063JL2 | 0.095 | 0.039 | 2.3 | 3.2 | 1 x 2 1/8 |
| 4700 | 066R472U063JS2 | 0.061 | 0.026 | 4.8 | 6.6 | 1 x 3 1/8 |
| 5600 | 066R562U063JT2 | 0.053 | 0.024 | 5.5 | 7.3 | 1 x 3 5/8 |
| 5600 | 066X562U063JP2 | 0.073 | 0.030 | 2.9 | 4.0 | 1 x 2 5/8 |
| 6800 | 066X682U063JS2 | 0.061 | 0.026 | 3.4 | 4.6 | 1 x 3 1/8 |
| 8200 | 066X822U063JT2 | 0.053 | 0.024 | 3.9 | 5.2 | 1 x 3 5/8 |
| 100 Vdc (125 Vdc Surge) | | | | | | |
| 68 | 066680U100FE2 | 1.100 | 0.296 | 0.4 | 0.8 | 5/8 x 1 1/8 |
| 120 | 066121U100GE2 | 0.710 | 0.193 | 0.51 | 0.97 | 3/4 x 1 1/8 |
| 150 | 066151U100FJ2 | 0.550 | 0.148 | 0.68 | 1.3 | 5/8 x 1 5/8 |
| 180 | 066181U100HE2 | 0.480 | 0.141 | 0.67 | 1.2 | 7/8 x 1 1/8 |
| 220 | 066221U100GJ2 | 0.360 | 0.096 | 0.86 | 1.6 | 3/4 x 1 5/8 |
| 220 | 066R221U100GE2 | 0.710 | 0.193 | 0.72 | 1.4 | 3/4 x 1 1/8 |
| 270 | 066271U100JE2 | 0.360 | 0.111 | 0.82 | 1.4 | 1 x 1 1/8 |
| 270 | 066X271U100GE2 | 0.710 | 0.193 | 0.51 | 0.98 | 3/4 x 1 1/8 |
| 390 | 066391U100HJ2 | 0.240 | 0.07 | 1.1 | 2.0 | 7/8 x 1 5/8 |
| 470 | 066471U100GP2 | 0.190 | 0.055 | 2.2 | 4.0 | 3/4 x 2 5/8 |
| 470 | 066R471U100GJ2 | 0.360 | 0.096 | 1.2 | 2.3 | 3/4 x 1 5/8 |
| 560 | 066561U100HL2 | 0.160 | 0.049 | 1.6 | 2.8 | 7/8 x 2 1/8 |
| 560 | 066X561U100GJ2 | 0.360 | 0.096 | 0.86 | 1.6 | 3/4 x 1 5/8 |
| 680 | 066681U100JL2 | 0.120 | 0.04 | 2.0 | 3.2 | 1 x 2 1/8 |
| 680 | 066R681U100HJ2 | 0.240 | 0.07 | 1.6 | 2.9 | 7/8 x 1 5/8 |
| 820 | 066821U100HS2 | 0.100 | 0.033 | 2.5 | 4.1 | 7/8 x 3 1/8 |
| 820 | 066X821U100HJ2 | 0.240 | 0.07 | 1.1 | 2.0 | 7/8 x 1 5/8 |
| 1000 | 066102U100JP2 | 0.095 | 0.032 | 2.5 | 3.9 | 1 x 2 5/8 |
| 1000 | 066R102U100HL2 | 0.160 | 0.049 | 2.3 | 4.0 | 7/8 x 2 1/8 |
| 1200 | 066122U100JS2 | 0.078 | 0.027 | 3.0 | 4.5 | 1 x 3 1/8 |
| 1200 | 066X122U100HL2 | 0.160 | 0.049 | 1.6 | 2.8 | 7/8 x 2 1/8 |
| 1500 | 066152U100JT2 | 0.067 | 0.024 | 3.4 | 5.1 | 1 x 3 5/8 |
| 1500 | 066R152U100JL2 | 0.120 | 0.04 | 2.8 | 4.5 | 1 x 2 1/8 |
| 1800 | 066R182U100JP2 | 0.094 | 0.031 | 3.5 | 5.6 | 1 x 2 5/8 |
| 1800 | 066X182U100JL2 | 0.120 | 0.04 | 2.0 | 3.2 | 1 x 2 1/8 |
| 2200 | 066R222U100JS2 | 0.078 | 0.027 | 4.2 | 6.4 | 1 x 3 1/8 |
| 2200 | 066X222U100JP2 | 0.094 | 0.031 | 2.5 | 3.9 | 1 x 2 5/8 |
| 2700 | 066R272U100JT2 | 0.067 | 0.024 | 4.9 | 7.2 | 1 x 3 5/8 |
| 3300 | 066X332U100JS2 | 0.078 | 0.027 | 3.0 | 4.6 | 1 x 3 1/8 |
| 3900 | 066X392U100JT2 | 0.067 | 0.024 | 3.4 | 5.1 | 1 x 3 5/8 |
| 200 Vdc (250 Vdc Surge) | | | | | | |
| 22 | 066220U200FE2 | 2.000 | 0.889 | 0.3 | 0.43 | 5/8 x 1 1/8 |
| 33 | 066330U200GE2 | 1.300 | 0.563 | 0.39 | 0.54 | 3/4 x 1 1/8 |
| 33 | 066R330U200GE2 | 1.300 | 0.563 | 0.55 | 0.76 | 3/4 x 1 1/8 |
| 47 | 066470U200FJ2 | 0.990 | 0.437 | 0.52 | 0.72 | 5/8 x 1 5/8 |
| 56 | 066560U200HE2 | 0.840 | 0.378 | 0.52 | 0.71 | 7/8 x 1 1/8 |
| 56 | 066R560U200GJ2 | 0.640 | 0.281 | 0.93 | 1.30 | 3/4 x 1 5/8 |
| 68 | 066680U200GJ2 | 0.640 | 0.281 | 0.66 | 0.91 | 3/4 x 1 5/8 |
| 82 | 066820U200JE2 | 0.620 | 0.281 | 0.65 | 0.87 | 1 x 1 1/8 |

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 200 Vdc (250 Vdc Surge) (cont'd) | | | | | | |
| 100 | 066R101U200HJ2 | 0.420 | 0.193 | 1.2 | 1.7 | 7/8 x 1 1/8 |
| 120 | 066121U200HJ2 | 0.420 | 0.193 | 0.88 | 1.2 | 7/8 x 1 5/8 |
| 150 | 066151U200GP2 | 0.320 | 0.141 | 1.7 | 2.4 | 3/4 x 2 5/8 |
| 150 | 066R151U200HL2 | 0.280 | 0.126 | 1.8 | 2.4 | 7/8 x 2 1/8 |
| 180 | 066181U200HL2 | 0.280 | 0.126 | 1.3 | 1.7 | 7/8 x 2 1/8 |
| 220 | 066221U200JL2 | 0.210 | 0.096 | 1.6 | 2.1 | 1 x 2 1/8 |
| 220 | 066R221U200JL2 | 0.210 | 0.096 | 2.2 | 2.9 | 1 x 2 1/8 |
| 270 | 066271U200HS2 | 0.170 | 0.081 | 2.0 | 2.6 | 7/8 x 3 1/8 |
| 270 | 066R271U200JP2 | 0.160 | 0.073 | 2.8 | 3.7 | 1 x 2 5/8 |
| 330 | 066331U200JP2 | 0.160 | 0.073 | 2.0 | 2.6 | 1 x 2 5/8 |
| 330 | 066R331U200JS2 | 0.130 | 0.061 | 3.4 | 4.4 | 1 x 3 1/8 |
| 390 | 066R391U200JT2 | 0.110 | 0.052 | 3.9 | 5.1 | 1 x 3 5/8 |
| 390 | 066391U200JS2 | 0.130 | 0.061 | 2.4 | 3.1 | 1 x 3 1/8 |
| 470 | 066471U200JT2 | 0.110 | 0.052 | 2.8 | 3.6 | 1 x 3 5/8 |
| 250 Vdc (300 Vdc Surge) | | | | | | |
| 22 | 066220U250FE2 | 2.200 | 0.889 | 0.29 | 0.42 | 5/8 x 1 1/8 |
| 22 | 066R220U250GE2 | 1.400 | 0.570 | 0.52 | 0.75 | 3/4 x 1 1/8 |
| 33 | 066330U250GE2 | 1.400 | 0.570 | 0.36 | 0.53 | 3/4 x 1 1/8 |
| 39 | 066390U250FJ2 | 1.100 | 0.444 | 0.49 | 0.71 | 5/8 x 1 5/8 |
| 47 | 066470U250HE2 | 0.930 | 0.385 | 0.49 | 0.71 | 7/8 x 1 1/8 |
| 47 | 066R470U250GJ2 | 0.700 | 0.289 | 0.87 | 1.3 | 3/4 x 1 5/8 |
| 56 | 066560U250GJ2 | 0.700 | 0.289 | 0.62 | 0.9 | 3/4 x 1 5/8 |
| 68 | 066680U250JE2 | 0.680 | 0.281 | 0.61 | 0.86 | 1 x 1 1/8 |
| 68 | 066R680U250HJ2 | 0.470 | 0.193 | 1.2 | 1.7 | 7/8 x 1 5/8 |
| 100 | 066101U250HJ2 | 0.470 | 0.193 | 0.83 | 1.2 | 7/8 x 1 5/8 |
| 120 | 066121U250GP2 | 0.360 | 0.148 | 1.6 | 2.3 | 3/4 x 2 5/8 |
| 120 | 066R121U250HL2 | 0.310 | 0.133 | 1.7 | 2.4 | 7/8 x 2 1/8 |
| 150 | 066151U250HL2 | 0.310 | 0.133 | 1.2 | 1.7 | 7/8 x 2 1/8 |
| 150 | 066R151U250JL2 | 0.230 | 0.096 | 2.1 | 2.9 | 1 x 2 1/8 |
| 220 | 066221U250JL2 | 0.230 | 0.096 | 1.5 | 2.0 | 1 x 2 1/8 |
| 220 | 066R221U250JP2 | 0.170 | 0.074 | 2.7 | 3.7 | 1 x 2 5/8 |
| 270 | 066271U250JP2 | 0.170 | 0.074 | 1.9 | 2.6 | 1 x 2 5/8 |
| 270 | 066R271U250JS2 | 0.140 | 0.061 | 3.2 | 4.4 | 1 x 3 1/8 |
| 330 | 066331U250JS2 | 0.140 | 0.061 | 2.3 | 3.1 | 1 x 3 1/8 |
| 330 | 066R331U250JT2 | 0.120 | 0.053 | 3.7 | 5.0 | 1 x 3 5/8 |
| 390 | 066391U250JT2 | 0.120 | 0.053 | 2.6 | 3.6 | 1 x 3 5/8 |
| 300 Vdc (350 Vdc Surge) | | | | | | |
| 15 | 066150U300FE2 | 4.600 | 2.300 | 0.21 | 0.28 | 5/8 x 1 1/8 |
| 22 | 066220U300GE2 | 2.900 | 1.218 | 0.27 | 0.36 | 3/4 x 1 1/8 |
| 22 | 066R220U300GE2 | 2.900 | 1.118 | 0.39 | 0.51 | 3/4 x 1 1/8 |
| 27 | 066270U300FJ2 | 2.300 | 1.110 | 0.36 | 0.48 | 5/8 x 1 5/8 |
| 39 | 066390U300HE2 | 1.900 | 0.963 | 0.37 | 0.48 | 7/8 x 1 1/8 |
| 39 | 066R390U300GJ2 | 1.500 | 0.733 | 0.66 | 0.86 | 3/4 x 1 5/8 |
| 47 | 066470U300GJ2 | 1.500 | 0.733 | 0.46 | 0.61 | 3/4 x 1 5/8 |
| 56 | 066R560U300HJ2 | 0.960 | 0.481 | 0.88 | 1.20 | 7/8 x 1 5/8 |
| 68 | 066680U300HJ2 | 0.960 | 0.481 | 0.62 | 0.82 | 7/8 x 1 5/8 |
| 100 | 066101U300GP2 | 0.740 | 0.370 | 1.2 | 1.60 | 3/4 x 2 5/8 |
| 100 | 066R101U300HL2 | 0.640 | 0.326 | 1.3 | 1.70 | 7/8 x 2 1/8 |
| 120 | 066121U300HL2 | 0.640 | 0.326 | 0.89 | 1.20 | 7/8 x 2 1/8 |
| 120 | 066R121U300JL2 | 0.460 | 0.237 | 1.6 | 2.10 | 1 x 2 1/8 |
| 150 | 066151U300JL2 | 0.460 | 0.237 | 1.1 | 1.50 | 1 x 2 1/8 |
| 180 | 066181U300HS2 | 0.390 | 0.200 | 1.4 | 1.80 | 7/8 x 3 1/8 |
| 180 | 066R181U300JP2 | 0.350 | 0.178 | 2.0 | 2.60 | 1 x 2 5/8 |
| 220 | 066221U300JP2 | 0.350 | 0.178 | 1.4 | 1.90 | 1 x 2 5/8 |
| 220 | 066R221U300JS2 | 0.280 | 0.141 | 2.5 | 3.20 | 1 x 3 1/8 |

Type 066/066R 85 °C & 105 °C, Standard, Axial Leaded, Aluminum

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|---|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 300 Vdc (350 Vdc Surge) (cont'd) | | | | | | |
| 270 | 066271U300JS2 | 0.280 | 0.141 | 1.7 | 2.2 | 1 x 3 1/8 |
| 270 | 066R271U300JT2 | 0.240 | 0.119 | 2.9 | 3.7 | 1 x 3 5/8 |
| 330 | 066331U300JT2 | 0.240 | 0.119 | 2.1 | 2.6 | 1 x 3 5/8 |
| 350 Vdc (400 Vdc Surge) | | | | | | |
| 12 | 066120U350FE2 | 5.000 | 2.37 | 0.20 | 0.28 | 5/8 x 1 1/8 |
| 18 | 066180U350GE2 | 3.200 | 1.48 | 0.26 | 0.35 | 3/4 x 1 1/8 |
| 18 | 066R180U350GE2 | 3.200 | 1.48 | 0.36 | 0.50 | 3/4 x 1 1/8 |
| 22 | 066220U350FJ2 | 2.500 | 1.19 | 0.34 | 0.47 | 5/8 x 1 5/8 |
| 27 | 066270U350HE2 | 2.100 | 0.963 | 0.35 | 0.47 | 7/8 x 1 1/8 |
| 33 | 066330U350GJ2 | 1.600 | 0.741 | 0.44 | 0.6 | 3/4 x 1 5/8 |
| 33 | 066R330U350GJ2 | 1.600 | 0.741 | 0.62 | 0.84 | 3/4 x 1 5/8 |
| 39 | 066390U350JE2 | 1.500 | 0.719 | 0.44 | 0.59 | 1 x 1 1/8 |
| 56 | 066560U350HJ2 | 1.000 | 0.496 | 0.59 | 0.80 | 7/8 x 1 5/8 |
| 56 | 066R560U350HJ2 | 1.000 | 0.496 | 0.83 | 1.10 | 7/8 x 1 5/8 |
| 68 | 066680U350GP2 | 0.800 | 0.378 | 1.10 | 1.60 | 3/4 x 2 5/8 |
| 82 | 066820U350HL2 | 0.700 | 0.333 | 0.84 | 1.10 | 7/8 x 2 1/8 |
| 82 | 066R820U350HL2 | 0.700 | 0.333 | 1.2 | 1.60 | 7/8 x 2 1/8 |
| 120 | 066R121U350JL2 | 0.500 | 0.244 | 1.5 | 2.00 | 1 x 2 1/8 |
| 120 | 066121U350JL2 | 0.500 | 0.244 | 1.1 | 1.40 | 1 x 2 1/8 |
| 150 | 066151U350JP2 | 0.380 | 0.185 | 1.4 | 1.80 | 1 x 2 5/8 |
| 150 | 066R151U350JP2 | 0.380 | 0.185 | 1.9 | 2.60 | 1 x 2 5/8 |
| 180 | 066181U350JS2 | 0.310 | 0.148 | 1.7 | 2.20 | 1 x 3 1/8 |
| 180 | 066R181U350JS2 | 0.310 | 0.148 | 2.3 | 3.10 | 1 x 3 1/8 |
| 220 | 066221U350JT2 | 0.260 | 0.126 | 1.9 | 2.60 | 1 x 3 5/8 |
| 220 | 066R221U350JT2 | 0.260 | 0.126 | 2.7 | 3.60 | 1 x 3 5/8 |
| 400 Vdc (450 Vdc Surge) | | | | | | |
| 10 | 066100U400FE2 | 5.400 | 2.370 | 0.19 | 0.27 | 5/8 x 1 1/8 |
| 12 | 066R120U400GE2 | 3.500 | 1.560 | 0.34 | 0.49 | 3/4 x 1 1/8 |
| 15 | 066150U400GE2 | 3.500 | 1.560 | 0.24 | 0.34 | 3/4 x 1 1/8 |
| 18 | 066180U400FJ2 | 2.700 | 1.190 | 0.32 | 0.46 | 5/8 x 1 5/8 |
| 22 | 066220U400HE2 | 2.300 | 1.040 | 0.33 | 0.46 | 7/8 x 1 1/8 |
| 27 | 066270U400GJ2 | 1.700 | 0.741 | 0.41 | 0.58 | 3/4 x 1 5/8 |
| 27 | 066R270U400GJ2 | 1.700 | 0.741 | 0.58 | 0.83 | 3/4 x 1 5/8 |
| 33 | 066330U400JE2 | 1.600 | 0.733 | 0.42 | 0.58 | 1 x 1 1/8 |
| 39 | 066R390U400HJ2 | 1.100 | 0.511 | 0.79 | 1.10 | 7/8 x 1 5/8 |
| 47 | 066470U400HJ2 | 1.100 | 0.511 | 0.56 | 0.78 | 7/8 x 1 5/8 |
| 56 | 066560U400GP2 | 0.870 | 0.393 | 1.1 | 1.5 | 3/4 x 2 5/8 |
| 56 | 066R560U400HL2 | 0.760 | 0.341 | 1.1 | 1.6 | 7/8 x 2 1/8 |
| 68 | 066680U400HL2 | 0.760 | 0.341 | 0.8 | 1.1 | 7/8 x 2 1/8 |
| 82 | 066R820U400JL2 | 0.550 | 0.244 | 1.4 | 2.0 | 1 x 2 1/8 |
| 100 | 066101U400JL2 | 0.550 | 0.244 | 1.0 | 1.4 | 1 x 2 1/8 |
| 100 | 066R101U400JP2 | 0.410 | 0.185 | 1.8 | 2.5 | 1 x 2 5/8 |
| 120 | 066121U400JP2 | 0.410 | 0.185 | 1.3 | 1.8 | 1 x 2 5/8 |
| 120 | 066R121U400JS2 | 0.330 | 0.148 | 2.2 | 3.1 | 1 x 3 1/8 |
| 150 | 066151U400JS2 | 0.330 | 0.148 | 1.6 | 2.2 | 1 x 3 1/8 |
| 150 | 066R151U400JT2 | 0.280 | 0.126 | 2.6 | 3.6 | 1 x 3 5/8 |
| 180 | 066181U400JT2 | 0.280 | 0.126 | 1.8 | 2.5 | 1 x 3 5/8 |

| Cap. (μ F) | Catalog Part Number | ESR Max. Ω | | Ripple A @ 85 °C | | Nominal Size (in) D x L |
|--------------------------------|------------------------|-------------------|--------|---------------------|--------|-------------------------------|
| | | 120 Hz | 20 kHz | 120 Hz | 20 kHz | |
| 450 Vdc (500 Vdc Surge) | | | | | | |
| 8.2 | 0668R2U450FE2 | 6.20 | 2.740 | 0.18 | 0.25 | 5/8 x 1 1/8 |
| 12 | 066120U450GE2 | 4.00 | 1.780 | 0.23 | 0.32 | 3/4 x 1 1/8 |
| 15 | 066150U450FJ2 | 3.10 | 1.410 | 0.30 | 0.43 | 5/8 x 1 5/8 |
| 18 | 066180U450HE2 | 2.60 | 1.190 | 0.31 | 0.44 | 7/8 x 1 1/8 |
| 27 | 066270U450GJ2 | 2.00 | 0.889 | 0.39 | 0.55 | 3/4 x 1 5/8 |
| 39 | 066390U450HJ2 | 1.30 | 0.585 | 0.52 | 0.73 | 7/8 x 1 5/8 |
| 47 | 066470U450GP2 | 1.00 | 0.444 | 1.00 | 1.40 | 3/4 x 2 5/8 |
| 56 | 066560U450HL2 | 0.87 | 0.393 | 0.75 | 1.00 | 7/8 x 2 1/8 |
| 82 | 066820U450JL2 | 0.63 | 0.281 | 0.94 | 1.30 | 1 x 2 1/8 |
| 100 | 066101U450JP2 | 0.47 | 0.215 | 1.20 | 1.70 | 1 x 2 5/8 |
| 120 | 066121U450JS2 | 0.38 | 0.170 | 1.50 | 2.00 | 1 x 3 1/8 |
| 150 | 066151U450JT2 | 0.32 | 0.148 | 1.70 | 2.40 | 1 x 3 5/8 |

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