



- Snubber Capacitor for Energy Conversion in Power semiconductor Circuits
- SMPS
- Induction heaters
- High Voltage
- High current
- High Pulse Current Applications

| | | | | | | | | | |
|---|------|--|------|-------|-------|------|------|------|------|
| Operating Temperature Range | | -40°C to +85°C | | | | | | | |
| Capacitance Tolerance | | +/- 10% at 1kHz, 20°C | | | | | | | |
| Rated Voltage | VDC | 700 | 850 | 1000 | 1200 | 1500 | 2000 | 2500 | 3000 |
| | SVDC | 1000 | 1200 | 1400 | 1600 | 2000 | 2400 | 3000 | 3500 |
| | VAC | 380 | 450 | 480 | 500 | 575 | 630 | 700 | 750 |
| Dissipation Factor (max) at 20°C. | | Freq (kHz) | | C≤1μF | C>1μF | | | | |
| | | 1 | | .05% | .06% | | | | |
| Insulation Resistance @20°C(<70% RH) for 1 minute at 100VDC | | > 30,000MΩ x μF. Not to exceed 30,000MΩ | | | | | | | |
| Dielectric Strength | | 200% of rated VDC for 10 seconds at 20°C between leads 3KV at 60Hz for 60 seconds between leads and case. | | | | | | | |
| Self inductance | | <1nH/mm of body length and lead wire length. | | | | | | | |
| Capacitance drift | | <1.0% up to 40°C after 2 years | | | | | | | |
| Temperature Coefficient | | -200ppm/°C +/- 100ppm/°C | | | | | | | |
| Life Expectancy Capacitance change (typical) -3% | | ≥30000 hours @VAC at 70°C ≥100,000 hours @WVDC at 70°C | | | | | | | |
| Failure rate | | 300/billion component hours | | | | | | | |
| Dielectric | | Polypropylene | | | | | | | |
| Electrodes | | Vacuum deposited metal layers | | | | | | | |
| Construction | | Extended double metallized carrier film with internal series connections and metallized film | | | | | | | |
| Leads | | Tinned copper leads. | | | | | | | |
| Coating | | Flame retardant polyester tape wrap (UL510) with epoxy end seals (UL94 V-0) | | | | | | | |

PHYSICAL DIMENSIONS

| WVDC (VAC) μF | 700 (380) | 850 (450) | 1000 (480) | 1,200 (500) | 1,500 (575) | 2,000 (630) | 2500 (700) | 3,000 (750) |
|------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|---------------------------|
| 0.0047 | | | | | | | | 11x29 |
| 0.0068 | | | | | | | | 10.5x34 12.5x29 |
| 0.01 | | | | | | | 11.5x29 13.5x29 | 12x34 14.5x29 |
| 0.015 | | | | | 11x29 | | 13.5x29 | 14x34 16.5x29 |
| 0.022 | | | | | 11x34 12.5x29 | | 13x34 15.5x29 | 16x34 |
| 0.033 | | | | 12.5x29 | 13x34 14.5x29 | | 15x34 18x29 | 19x34 |
| 0.047 | | 12x29 | 10.5x34 | 14x29 | 15x34 16.5x29 | | 17x34 | 18x46 22.5x34 |
| 0.068 | 11.5x29 | 12.5x29 | 12x34 13.5x29 | 13.5x34 16x29 | 17x34 | | 20.5x34 | 21x46 |
| 0.1 | 12x29 | 11x34 13x29 | 12.5x34 14.5x29 | 16x29 14x34 | 16x34 | 16.5x46 20x34 | 19.5x46 24.5x34 | 25x46 |
| 0.15 | 13.5x29 | 13x34 15x29 | 14.5x34 17x29 | 17x34 | 19.5x34 | 19.5x46 24x34 | 23.5x46 | 30x46 |
| 0.22 | 13.5x34 15.5x29 | 15x34 17.5x29 | 17.5x34 | 19.5x34 | 19x46 23x34 | 23x46 | 27.5x46 | 29x59 30.5x55 36x46 |
| 0.33 | 15.5x34 17.5x29 | 18x34 | 17x46 20.5x34 | 19x46 23x34 | 23x46 | 27.5x46 | 27.5x59 28.5x55 33.5x46 | 35x59 37x55 |
| 0.39 | | | | | | | | 37.5x59 40x55 |
| 0.47 | 18x34 | 18x46 21.5x34 | 20x46 24x34 | 22x46 | 27x46 | 26x59 27x55 32.5x46 | 32x59 33.5x55 | 41x59 |
| 0.56 | | | | | | 28.5x59 29.5x55 35x46 | 34.5x59 36.5x55 | |
| 0.68 | 18x46 21.5x34 | 21x46 25.5x34 | 23.5x46 | 26.5x46 | 31.5x46 | 31x59 32x55 | 38x59 40x55 | |
| 0.82 | | | | | | | 41.5x59 | |
| 1 | 21x46 26x34 | 25x46 | 28x46 | 25.5x59 27x55 32x46 | 31.5x55 30.5x59 37x46 | 37x59 39x55 | | |
| 1.2 | | | | 28x59 29.5x55 34.5x46 | 33.5x59 35.5x55 | 40.5x59 | | |
| 1.5 | 25.5x46 | 29.5x46 | 28x59 29.5x55 33.5x46 | 31x59 33x55 37x46 | 37x59 40x55 | | | |
| 2 | 29x46 | 28x59 29x55 33.5x46 | 31.5x59 33.5x55 | 35.5x59 37.5x55 39x55 | 42x59 | | | |
| 2.2 | 25.5x59 27x55 30x46 | 29.5x59 30.5x55 35x46 | 33x59 35x55 | 37x59 39x55 | | | | |
| 2.5 | 27.5x59 29x55 32x46 | 31x59 32x55 36.5x46 | | 39x59 41x55 | | | | |

Convert to inches, divide by 25.4

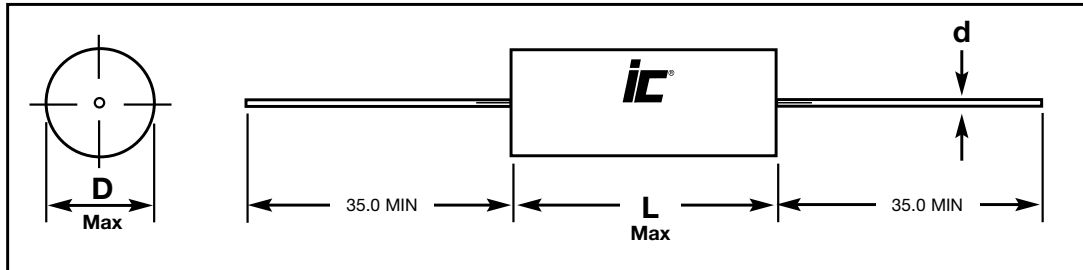
DxL (mm)

PHYSICAL DIMENSIONS

| WVDC (VAC) μF | 700 (380) | 850 (450) | 1000 (480) | 1,200 (500) | 1,500 (575) | 2,000 (630) | 2500 (700) | 3,000 (750) |
|------------------|---------------------------|--------------------|------------------|-------------|-------------|-------------|------------|-------------|
| 3 | 29.5x59 31x55 35x46 | 34x59 36x55 | 38x59 40.5x55 | 42x59 | | | | |
| 3.3 | 30.5x59 32x55 36x46 | 35x59 37x55 | 40x59 | | | | | |
| 4 | 33x59 34.5x55 | 38.5x59 40.5x55 | | | | | | |
| 4.7 | 35.5x59 37.5x55 | 41.5x59 | | | | | | |
| 5.6 | 38.5x59 41x55 | | | | | | | |
| 6.8 | 42x59 | | | | | | | |

Convert to inches, divide by 25.4

DxL (mm)



| D | d |
|---------|-----|
| ≤18 | 0.8 |
| 18<D≤24 | 1.0 |
| >24 | 1.2 |

STANDARD PART LISTING

| CAPACITANCE (µF) | VWDC | IC [®] PART NUMBER | dv/dt (V/µs) | MAXIMUM RMS CURRENT @100kHz, 70°C in Amps | TYPICAL ESR @100 kHz, +25°C in mΩ | Dimensions DxL (mm) |
|------------------|------|-----------------------------|--------------|---|-----------------------------------|---------------------|
| 0.0047 | 3000 | 472PPA302KG | 3400 | 1 | 88.0 | 11x29 |
| 0.0068 | 3000 | 682PPA302K | 2750 | 1.5 | 77.0 | 10.5x34 |
| 0.0068 | 3000 | 682PPA302KG | 3400 | 1.5 | 65.0 | 12.5x29 |
| 0.01 | 2500 | 103PPA252KG | 2650 | 1.5 | 52.0 | 11.5x29 |
| 0.01 | 3000 | 103PPA302K | 2750 | 2 | 54.5 | 12x34 |
| 0.01 | 3000 | 103PPA302KG | 3400 | 2 | 46.0 | 14.5x29 |
| 0.015 | 2000 | 153PPA202KG | 2150 | 2 | 37.5 | 11x29 |
| 0.015 | 2500 | 153PPA252KG | 2650 | 2.5 | 37.0 | 13.5x29 |
| 0.015 | 3000 | 153PPA302K | 2750 | 3 | 38.5 | 14x34 |
| 0.015 | 3000 | 153PPA302KG | 3400 | 3 | 33.5 | 16.5x29 |
| 0.022 | 2000 | 223PPA202K | 1750 | 2.5 | 33.5 | 11x34 |
| 0.022 | 2000 | 223PPA202KG | 2150 | 2.5 | 27.5 | 12.5x29 |
| 0.022 | 2500 | 223PPA252KG | 2650 | 3 | 27.0 | 15.5x29 |
| 0.022 | 2500 | 223PPA252KJ | 2150 | 2.5 | 31.0 | 13x34 |
| 0.022 | 3000 | 223PPA302K | 2750 | 4 | 27.0 | 16x34 |
| 0.033 | 1500 | 333PPA152KG | 1500 | 3 | 22.0 | 12.5x29 |
| 0.033 | 2000 | 333PPA202K | 1750 | 3.5 | 23.8 | 13x34 |
| 0.033 | 2000 | 333PPA202KG | 2150 | 3.5 | 20.7 | 14.5x29 |
| 0.033 | 2500 | 333PPA252K | 2150 | 4 | 23.0 | 15x34 |
| 0.033 | 2500 | 333PPA252KG | 2650 | 4 | 20.0 | 18x29 |
| 0.033 | 3000 | 333PPA302K | 2750 | 5 | 19.0 | 19x34 |
| 0.047 | 1200 | 473PPA122K | 1300 | 3 | 16.9 | 12x29 |
| 0.047 | 1200 | 473PPA122KD11 | 1100 | 3 | 19.0 | 10.5x34 |
| 0.047 | 1500 | 473PPA152KG | 1500 | 3.5 | 16.5 | 14x29 |
| 0.047 | 2000 | 473PPA202K | 1750 | 4.5 | 16.8 | 15x34 |
| 0.047 | 2000 | 473PPA202KG | 2150 | 4.5 | 15 | 16.5x29 |
| 0.047 | 2500 | 473PPA252K | 2150 | 5 | 16.5 | 17x34 |
| 0.047 | 3000 | 473PPA302K | 1600 | 6 | 17.8 | 18x46 |
| 0.047 | 3000 | 473PPA302KD23 | 2750 | 6.5 | 13.8 | 22.5x34 |
| 0.068 | 850 | 683PPA850KG | 850 | 3 | 13.9 | 11.5x29 |
| 0.068 | 1000 | 683PPA102KG | 1000 | 3.5 | 13.5 | 12.5x29 |
| 0.068 | 1200 | 683PPA122K | 1300 | 3.5 | 12.8 | 13.5x29 |
| 0.068 | 1200 | 683PPA122KD12 | 1100 | 3.5 | 14.3 | 12x34 |
| 0.068 | 1500 | 683PPA152K | 1225 | 4 | 13.8 | 13.5x34 |
| 0.068 | 1500 | 683PPA152KG | 1500 | 4 | 12.4 | 16x29 |
| 0.068 | 2000 | 683PPA202K | 1750 | 5.5 | 11.8 | 17x34 |
| 0.068 | 2500 | 683PPA252K | 2150 | 6.5 | 11.5 | 20.5x34 |
| 0.068 | 3000 | 683PPA302K | 1600 | 8 | 12.8 | 21x46 |
| 0.1 | 700 | 104PPA700KG | 600 | 3 | 13 | 12x29 |
| 0.1 | 850 | 104PPA850K | 850 | 4 | 10.4 | 13x29 |
| 0.1 | 850 | 104PPA850KD11 | 700 | 4 | 11.5 | 11x34 |
| 0.1 | 1000 | 104PPA102KG | 1000 | 4.5 | 9.9 | 14.5x29 |
| 0.1 | 1000 | 104PPA102KJ | 850 | 4.5 | 11 | 12.5x34 |
| 0.1 | 1200 | 104PPA122K | 1100 | 5 | 10.7 | 14x34 |
| 0.1 | 1200 | 104PPA122KG | 1300 | 5 | 9.7 | 16x29 |
| 0.1 | 1500 | 104PPA152K | 1225 | 5.5 | 9.6 | 16x34 |
| 0.1 | 2000 | 104PPA202KD16 | 1000 | 7 | 12.4 | 16.5x46 |
| 0.1 | 2000 | 104PPA202K | 1750 | 7.5 | 8.4 | 20x34 |
| 0.1 | 2500 | 104PPA252K | 2150 | 8.5 | 8 | 24.5x34 |
| 0.1 | 2500 | 104PPA252KD20 | 1350 | 8.5 | 12 | 19.5x46 |
| 0.1 | 3000 | 104PPA302K | 1600 | 11 | 9.4 | 25x46 |
| 0.15 | 700 | 154PPA700KG | 600 | 4.5 | 9.4 | 13.5x29 |
| 0.15 | 850 | 154PPA850K | 700 | 5.5 | 8.6 | 13x34 |

| CAPACITANCE (µF) | VWDC | IC [®] PART NUMBER | dv/dt (V/µs) | MAXIMUM RMS CURRENT @100kHz, 70°C in Amps | TYPICAL ESR @100 kHz, +25°C in mΩ | Dimensions DxL (mm) |
|------------------|------|-----------------------------|--------------|---|-----------------------------------|---------------------|
| 0.15 | 850 | 154PPA850KD15 | 850 | 5.5 | 7.6 | 15x29 |
| 0.15 | 1000 | 154PPA102K | 850 | 6 | 8.2 | 14.5x34 |
| 0.15 | 1000 | 154PPA102KG | 1000 | 6 | 7.3 | 17x29 |
| 0.15 | 1200 | 154PPA122K | 1100 | 6 | 7.7 | 17x34 |
| 0.15 | 1500 | 154PPA152K | 1225 | 7 | 7.2 | 19.5x34 |
| 0.15 | 2000 | 154PPA202K | 1000 | 9 | 8.3 | 19.5x46 |
| 0.15 | 2000 | 154PPA202KD24 | 1750 | 9 | 6.6 | 24x34 |
| 0.15 | 2500 | 154PPA252K | 1350 | 9 | 8.1 | 23.5x46 |
| 0.15 | 3000 | 154PPA302K | 1600 | 12 | 6.8 | 30x46 |
| 0.22 | 700 | 224PPA700KG | 600 | 5 | 7.1 | 15.5x29 |
| 0.22 | 700 | 224PPA700KJ | 485 | 5 | 8.0 | 13.5x34 |
| 0.22 | 850 | 224PPA850K | 700 | 6.5 | 6.6 | 15x34 |
| 0.22 | 850 | 224PPA850KG | 850 | 6.5 | 6.1 | 17.5x29 |
| 0.22 | 1000 | 224PPA102K | 850 | 7 | 5.9 | 17.5x34 |
| 0.22 | 1200 | 224PPA122K | 1100 | 9 | 5.4 | 19.5x34 |
| 0.22 | 1500 | 224PPA152K | 1225 | 9 | 5.3 | 23x34 |
| 0.22 | 1500 | 224PPA152KD19 | 800 | 9 | 7.0 | 19x46 |
| 0.22 | 2000 | 224PPA202K | 1000 | 9 | 6.0 | 23x46 |
| 0.22 | 2500 | 224PPA252K | 1350 | 11 | 5.9 | 27.5x46 |
| 0.22 | 3000 | 224PPA302K | 1600 | 12 | 5.2 | 36x46 |
| 0.22 | 3000 | 224PPA302KD31 | 1000 | 12 | 5.9 | 30.5x55 |
| 0.22 | 3000 | 224PPA302KS | 875 | 12 | 6.5 | 29x59 |
| 0.33 | 700 | 334PPA700K | 485 | 6.5 | 6.0 | 15.5x34 |
| 0.33 | 700 | 334PPA700KG | 600 | 6.5 | 5.4 | 17.5x29 |
| 0.33 | 850 | 334PPA850K | 700 | 8 | 4.8 | 18x34 |
| 0.33 | 1000 | 334PPA102K | 850 | 9 | 4.5 | 20.5x34 |
| 0.33 | 1000 | 334PPA102KD17 | 570 | 9 | 5.9 | 17x46 |
| 0.33 | 1200 | 334PPA122K | 650 | 9 | 5.4 | 19x46 |
| 0.33 | 1200 | 334PPA122KD23 | 1100 | 9 | 4.5 | 23x34 |
| 0.33 | 1500 | 334PPA152K | 800 | 9 | 5.3 | 23x46 |
| 0.33 | 2000 | 334PPA202K | 1000 | 12 | 4.7 | 27.5x46 |
| 0.33 | 2500 | 334PPA252K | 1350 | 12 | 4.5 | 33.5x46 |
| 0.33 | 2500 | 334PPA252KD29 | 900 | 12 | 5.4 | 28.5x55 |
| 0.33 | 2500 | 334PPA252KS | 750 | 12 | 6.0 | 27.5x59 |
| 0.33 | 3000 | 334PPA302K | 1000 | 12 | 4.9 | 37x55 |
| 0.33 | 3000 | 334PPA302KS | 875 | 12 | 5.4 | 35x59 |
| 0.39 | 3000 | 394PPA302K | 1000 | 12 | 4.4 | 40x55 |
| 0.39 | 3000 | 394PPA302KS | 875 | 12 | 4.9 | 37.5x59 |
| 0.47 | 700 | 474PPA700K | 485 | 8 | 4.7 | 18x34 |
| 0.47 | 850 | 474PPA850K | 700 | 9 | 4.0 | 21.5x34 |
| 0.47 | 850 | 474PPA850KD18 | 400 | 9 | 5.0 | 18x46 |
| 0.47 | 1000 | 474PPA102K | 850 | 9 | 3.8 | 24x34 |
| 0.47 | 1000 | 474PPA102KD20 | 570 | 9 | 4.7 | 20x46 |
| 0.47 | 1200 | 474PPA122K | 650 | 9 | 4.8 | 22x46 |
| 0.47 | 1500 | 474PPA152K | 800 | 11 | 4.3 | 27x46 |
| 0.47 | 2000 | 474PPA202K | 1000 | 12 | 3.9 | 32.5x46 |
| 0.47 | 2000 | 474PPA202KR | 650 | 12 | 5.4 | 27x55 |
| 0.47 | 2000 | 474PPA2102KS | 580 | 12 | 6.0 | 26x59 |
| 0.47 | 2500 | 474PPA252K | 900 | 12 | 4.4 | 33.5x55 |
| 0.47 | 2500 | 474PPA252KS | 750 | 12 | 4.9 | 32x59 |
| 0.47 | 3000 | 474PPA302KS | 875 | 12 | 4.5 | 41x59 |
| 0.56 | 2000 | 564PPA202K | 650 | 12 | 4.5 | 29.5x55 |
| 0.56 | 2000 | 564PPA202KD35 | 560 | 12 | 3.6 | 35x46 |



STANDARD PART LISTING

| CAPACITANCE (μ F) | VVDC | IC [®] PART NUMBER | dv/dt (V/ μ s) | MAXIMUM RMS CURRENT @100kHz, 70°C in Amps | TYPICAL ESR @100 kHz, +25°C in m Ω | Dimensions DxL (mm) |
|---------------------------|------|--------------------------------|-----------------------|--|---|---------------------------|
| 0.56 | 2000 | 564PPA202KS | 580 | 12 | 5.0 | 28.5x59 |
| 0.56 | 2500 | 564PPA252K | 900 | 12 | 4.0 | 36.5x55 |
| 0.56 | 2500 | 564PPA252KS | 750 | 12 | 4.5 | 34.5x59 |
| 0.68 | 700 | 684PPA700K | 325 | 9 | 4.4 | 18x46 |
| 0.68 | 700 | 684PPA700KD22 | 485 | 9 | 3.9 | 21.5x34 |
| 0.68 | 850 | 684PPA850K | 400 | 9 | 4.1 | 21x46 |
| 0.68 | 850 | 684PPA850KD26 | 700 | 9 | 3.2 | 25.5x34 |
| 0.68 | 1000 | 684PPA102K | 570 | 9 | 4.0 | 23.5x46 |
| 0.68 | 1200 | 684PPA122K | 650 | 12 | 3.9 | 26.5x46 |
| 0.68 | 1500 | 684PPA152K | 800 | 12 | 3.7 | 31.5x46 |
| 0.68 | 2000 | 684PPA202K | 650 | 12 | 4.0 | 32x55 |
| 0.68 | 2000 | 684PPA202KS | 580 | 12 | 4.5 | 31x59 |
| 0.68 | 2500 | 684PPA252K | 900 | 12 | 3.7 | 40x55 |
| 0.68 | 2500 | 684PPA252KS | 750 | 12 | 4.1 | 38x59 |
| 0.82 | 2500 | 824PPA252KS | 750 | 12 | 3.8 | 41.5x59 |
| 1 | 700 | 105PPA700K | 325 | 9 | 3.9 | 21x46 |
| 1 | 700 | 105PPA700KD26 | 485 | 12 | 3.2 | 26x34 |
| 1 | 850 | 105PPA850K | 400 | 12 | 3.3 | 25x46 |
| 1 | 1000 | 105PPA102K | 570 | 12 | 3.2 | 28x46 |
| 1 | 1200 | 105PPA122K | 650 | 12 | 3.4 | 32x46 |
| 1 | 1200 | 105PPA122KR | 400 | 12 | 4.0 | 27x55 |
| 1 | 1200 | 105PPA122KS | 350 | 12 | 4.5 | 25.5x59 |
| 1 | 1500 | 105PPA152K | 575 | 12 | 3.7 | 31.5x55 |
| 1 | 1500 | 105PPA152KD37 | 800 | 12 | 3.2 | 37x46 |
| 1 | 1500 | 105PPA152KS | 500 | 12 | 4.2 | 30.5x59 |
| 1 | 2000 | 105PPA202K | 650 | 12 | 3.3 | 39x55 |
| 1 | 2000 | 105PPA202KS | 580 | 12 | 3.7 | 37x59 |
| 1.2 | 1200 | 125PPA122K | 400 | 12 | 3.4 | 29.5x55 |
| 1.2 | 1200 | 125PPA122KD35 | 650 | 12 | 3.0 | 34.5x46 |
| 1.2 | 1200 | 125PPA122KS | 350 | 12 | 3.8 | 28x59 |
| 1.2 | 1500 | 125PPA152K | 575 | 12 | 3.4 | 31.5x55 |
| 1.2 | 1500 | 125PPA152KS | 500 | 12 | 3.7 | 33.5x59 |
| 1.2 | 2000 | 125PPA202KS | 580 | 12 | 3.4 | 40.5x59 |
| 1.5 | 700 | 155PPA700K | 325 | 12 | 3.3 | 25.5x46 |
| 1.5 | 850 | 155PPA850K | 400 | 12 | 2.8 | 29.5x46 |
| 1.5 | 1000 | 155PPA102K | 350 | 12 | 3.2 | 29.5x55 |
| 1.5 | 1000 | 155PPA102KD34 | 570 | 12 | 2.6 | 33.5x46 |
| 1.5 | 1000 | 155PPA102KS | 320 | 12 | 3.6 | 28x59 |
| 1.5 | 1200 | 155PPA122K | 400 | 12 | 3.0 | 33x55 |
| 1.5 | 1200 | 155PPA122KD37 | 650 | 12 | 2.7 | 37x46 |
| 1.5 | 1200 | 155PPA122KS | 350 | 12 | 3.4 | 31x59 |
| 1.5 | 1500 | 155PPA152K | 575 | 12 | 2.9 | 40x55 |
| 1.5 | 1500 | 155PPA152KS | 500 | 12 | 3.2 | 37x59 |
| 2 | 700 | 205PPA700KN | 325 | 12 | 3.0 | 29x46 |
| 2 | 850 | 205PPA850K | 300 | 12 | 3.0 | 29x55 |
| 2 | 850 | 205PPA850KD34 | 400 | 12 | 2.4 | 33.5x46 |
| 2 | 850 | 205PPA850KS | 275 | 12 | 3.4 | 28x59 |

| CAPACITANCE (μ F) | VVDC | IC [®] PART NUMBER | dv/dt (V/ μ s) | MAXIMUM RMS CURRENT @100kHz, 70°C in Amps | TYPICAL ESR @100 kHz, +25°C in m Ω | Dimensions DxL (mm) |
|---------------------------|------|--------------------------------|-----------------------|--|---|---------------------------|
| 2 | 1000 | 205PPA102KR | 350 | 12 | 2.9 | 33.5x55 |
| 2 | 1000 | 205PPA102KS | 320 | 12 | 3.2 | 31.5x59 |
| 2 | 1200 | 205PPA122K | 400 | 12 | 2.9 | 39x55 |
| 2 | 1200 | 205PPA122KS | 350 | 12 | 2.9 | 35.5x59 |
| 2 | 1500 | 205PPA152KS | 500 | 12 | 2.8 | 42x59 |
| 2.2 | 700 | 225PPA700K | 325 | 12 | 2.9 | 30x46 |
| 2.2 | 700 | 225PPA700KD27 | 245 | 12 | 3.8 | 27x55 |
| 2.2 | 700 | 225PPA700KS | 200 | 12 | 4.2 | 25.5x59 |
| 2.2 | 850 | 225PPA850K | 300 | 12 | 2.8 | 30.5x55 |
| 2.2 | 850 | 225PPA850KD35 | 400 | 12 | 2.3 | 35x46 |
| 2.2 | 850 | 225PPA850KS | 275 | 12 | 3.2 | 29.5x59 |
| 2.2 | 1000 | 225PPA102K | 350 | 12 | 2.7 | 35x55 |
| 2.2 | 1000 | 225PPA102KS | 320 | 12 | 3.0 | 33x59 |
| 2.2 | 1200 | 225PPA122K | 400 | 12 | 2.5 | 39x55 |
| 2.2 | 1200 | 225PPA122KS | 350 | 12 | 2.8 | 37x59 |
| 2.5 | 700 | 255PPA700KN | 325 | 12 | 2.8 | 32x46 |
| 2.5 | 700 | 255PPA700KR | 245 | 12 | 3.5 | 29x55 |
| 2.5 | 700 | 255PPA700KS | 200 | 12 | 3.9 | 27.5x59 |
| 2.5 | 850 | 255PPA850K | 300 | 12 | 2.2 | 32x55 |
| 2.5 | 850 | 255PPA850KN | 400 | 12 | 2.6 | 36.5x46 |
| 2.5 | 850 | 255PPA850KS | 275 | 12 | 2.5 | 31x59 |
| 2.5 | 1200 | 255PPA122KR | 400 | 12 | 2.3 | 41x55 |
| 2.5 | 1200 | 255PPA122KS | 350 | 12 | 2.6 | 39x59 |
| 3 | 700 | 305PPA700KN | 325 | 12 | 2.6 | 35x46 |
| 3 | 700 | 305PPA700KR | 245 | 12 | 3.2 | 31x55 |
| 3 | 700 | 305PPA700KS | 200 | 12 | 3.6 | 29.5x59 |
| 3 | 850 | 305PPA850KR | 300 | 12 | 2.5 | 36x55 |
| 3 | 850 | 305PPA850KS | 275 | 12 | 2.8 | 34x59 |
| 3 | 1000 | 305PPA102K | 350 | 12 | 2.4 | 40.5x55 |
| 3 | 1000 | 305PPA102KS | 320 | 12 | 2.6 | 38x59 |
| 3 | 1200 | 305PPA122KS | 350 | 12 | 2.4 | 42x59 |
| 3.3 | 700 | 335PPA700K | 325 | 12 | 2.5 | 36x46 |
| 3.3 | 700 | 335PPA700KD32 | 245 | 12 | 3.1 | 32x55 |
| 3.3 | 700 | 335PPA700KS | 200 | 12 | 3.5 | 30.5x59 |
| 3.3 | 850 | 335PPA850K | 300 | 12 | 2.4 | 37x55 |
| 3.3 | 850 | 335PPA850KS | 275 | 12 | 2.7 | 35x59 |
| 3.3 | 1000 | 335PPA102KS | 320 | 12 | 2.5 | 40x59 |
| 4 | 700 | 405PPA700KR | 245 | 12 | 2.8 | 34.5x59 |
| 4 | 700 | 405PPA700KS | 200 | 12 | 3.1 | 33x59 |
| 4 | 850 | 405PPA850KR | 300 | 12 | 2.3 | 40.5x55 |
| 4 | 850 | 405PPA850KS | 275 | 12 | 2.6 | 38.5x59 |
| 4.7 | 700 | 475PPA700K | 245 | 12 | 2.6 | 37.5x55 |
| 4.7 | 700 | 475PPA700KS | 200 | 12 | 2.9 | 35.5x59 |
| 4.7 | 850 | 475PPA850KS | 275 | 12 | 2.4 | 41.5x59 |
| 5.6 | 700 | 565PPA700KS | 200 | 12 | 2.6 | 38.5x59 |
| 5.6 | 700 | 565PPA700K | 245 | 12 | 2.3 | 41x55 |
| 6.8 | 700 | 685PPA700KS | 200 | 12 | 2.4 | 42x59 |