



Polypropylene Film Capacitors

For Snubber, IGBT & Power Semiconductor Power Circuits

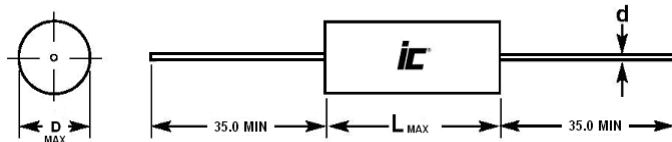
FEATURES

High dvdt - Good Pulse Current -
Stable with Temperature and Frequency

APPLICATIONS

Inverters/Converters - Power Semiconductor Circuits -
Induction Heating - Switching Power Supplies

| | | | | | | | | | | | |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|------------|-----------------------|-------------|------------------------------------------------------------------|-------------|-------------|-------------|--|--|
| Operating Temperature Range | -55°C to +85°C | | | | | | | | | | |
| Capacitance Tolerance | ±10% at 1 kHz, 25°C +5% optional | | | | | | | | | | |
| Surge Voltage(SVDC) | WVDC | 700 | 850 | 1000 | 1200 | 1500 | 2000 | 2500 | 3000 | | |
| | SVDC | 1000 | 1200 | 1400 | 1600 | 2000 | 2400 | 3000 | 3500 | | |
| AC voltage (50/60 Hz) | WVDC | 700 | 850 | 1000 | 1200 | 1500 | 2000 | 2500 | 3000 | | |
| | VAC | 420 | 450 | 480 | 500 | 575 | 630 | 700 | 750 | | |
| Dissipation Factor (MAX) 25°C | Frequency (kHz) | C≤0.047uF | | 0.047>C≥1uF | | C>1uF | | | | | |
| | 1 | 0.06% | | 0.05% | | 0.06% | | | | | |
| Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied | 30000 MΩ×μF (not to exceed 30GΩ) | | | | | | | | | | |
| Self Inductance | <1 nano-Henry per mm of lead spacing | | | | | | | | | | |
| Capacitance Drift Factor | <0.5% after 2 years at 40°C | | | | | | | | | | |
| Life Expectancy | 30000 hours @VAC, 70°C 100000 hours @VDC, 70°C | | | | | | | | | | |
| | Capacitance Change | ≤3% of initially measured value | | | | | | | | | |
| Failure Quota | 300/ billion component hours | | | | | | | | | | |
| Damp Heat test | 56 days at 40°C with 90 to 95%RH, +40°C and no voltage applied | | | | | | | | | | |
| | Capacitance Change | ≤2% of initially measured value | | | | | | | | | |
| | Dissipation Factor | ≤0.0001 at 1kHz and 25°C | | | | | | | | | |
| | Insulation Resistance | ≥50% of maximum specified value | | | | | | | | | |
| Self Inductance | <1 nano-Henry per mm of body length and lead length | | | | | | | | | | |
| Capacitance Drift Factor | <1.0% after 2 years at 40°C | | | | | | | | | | |
| Capacitance Temperature Coefficient | -200 ppm/°C, ±100ppm/°C | | | | | | | | | | |
| Dielectric Strength | Terminal to Terminal | | | | | Terminal to case | | | | | |
| | 160% of rated VDC or 200% VDC applied for 2 Seconds and 25°C | | | | | 3kVAC, 50/60Hz applied between the leads and case for 60 seconds | | | | | |
| Dielectric Construction | Polypropylene | | | | | | | | | | |
| Construction | Double Metallized film with internal series connections | | | | | | | | | | |
| Coating | Flame Retardant polyester tape wrap (UL 501) with epoxy resin end fill(UL94V0) | | | | | | | | | | |
| Leads | Lead free tinned copper leads | | | | | | | | | | |



| | | | | | | | |
|--------|-------|-----|-----|-----|-----|-----|-----|
| L MAX | 29 | 34 | 34 | 46 | 46 | 55 | 59 |
| D | ≤17.5 | ≤18 | >18 | ≤25 | >25 | all | all |
| d±0.05 | 0.8 | 0.8 | 1.0 | 1.0 | 1.2 | 1.2 | 1.2 |

PPA



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For Snubber, IGBT & Power Semiconductor Power Circuits

ic ILLINOIS CAPACITOR

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High Voltage, high dv/dt Axial Lead

| Capacitance (μF) | WVDC | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims DxL (mm) |
|------------------|------|----------------|------------------|-----------------------------------------------|---------------------------------|---------------|
| 0.0047 | 3000 | 472PPA302KG | 5250 | 1 | 88 | 11x29 |
| 0.0068 | 3000 | 682PPA302KG | 5250 | 1.5 | 65 | 12.5x29 |
| 0.0068 | 3000 | 682PPA302K | 3500 | 1.5 | 77 | 10.5x34 |
| 0.01 | 2500 | 103PPA252KG | 3900 | 1.5 | 52 | 11.5x29 |
| 0.01 | 3000 | 103PPA302KG | 5250 | 2 | 46 | 14.5x29 |
| 0.01 | 3000 | 103PPA302K | 3500 | 2 | 54.5 | 12x34 |
| 0.015 | 2000 | 153PPA202KG | 2750 | 2 | 37.5 | 11x29 |
| 0.015 | 2500 | 153PPA252KG | 2650 | 2.5 | 37 | 13.5x29 |
| 0.015 | 3000 | 153PPA302KG | 5250 | 3 | 33.5 | 16.5x29 |
| 0.015 | 3000 | 153PPA302K | 3500 | 3 | 38.5 | 14x34 |
| 0.022 | 2000 | 223PPA202K | 2000 | 2.5 | 33.5 | 11x34 |
| 0.022 | 2000 | 223PPA202KG | 2750 | 2.5 | 27.5 | 12.5x29 |
| 0.022 | 2500 | 223PPA252KG | 3900 | 3 | 27 | 15.5x29 |
| 0.022 | 2500 | 223PPA252KJ | 2600 | 2.5 | 31 | 13x34 |
| 0.022 | 3000 | 223PPA302K | 3500 | 4 | 27 | 16x34 |
| 0.033 | 1500 | 333PPA152KG | 2000 | 3 | 22 | 12.5x29 |
| 0.033 | 2000 | 333PPA202K | 2000 | 3.5 | 23.8 | 13x34 |
| 0.033 | 2000 | 333PPA202KG | 2750 | 3.5 | 20.7 | 14.5x29 |
| 0.033 | 2500 | 333PPA252KG | 3900 | 4 | 20 | 18x29 |
| 0.033 | 2500 | 333PPA252K | 2600 | 4 | 23 | 15x34 |
| 0.033 | 3000 | 333PPA302K | 3500 | 5 | 19 | 19x34 |
| 0.047 | 1200 | 473PPA122K | 1600 | 3 | 17 | 12x29 |
| 0.047 | 1200 | 473PPA122KD11 | 1200 | 3 | 19 | 10.5x34 |
| 0.047 | 1500 | 473PPA152KG | 2000 | 3.5 | 16.5 | 14x29 |
| 0.047 | 2000 | 473PPA202KG | 2750 | 4.5 | 15 | 16.5x29 |
| 0.047 | 2000 | 473PPA202K | 2000 | 4.5 | 16.8 | 13x34 |
| 0.047 | 2500 | 473PPA252K | 2600 | 5 | 16.5 | 17x34 |
| 0.047 | 3000 | 473PPA302KD23 | 3500 | 6.5 | 14 | 22.5x34 |
| 0.047 | 3000 | 473PPA302K | 2000 | 6 | 17.8 | 18x46 |
| 0.068 | 850 | 683PPA850KG | 1200 | 3.5 | 13.9 | 11.5x29 |
| 0.068 | 1000 | 683PPA102KG | 1400 | 3.5 | 13.6 | 12.5x29 |
| 0.068 | 1200 | 683PPA122KD12 | 1200 | 3.5 | 14.3 | 12x34 |
| 0.068 | 1200 | 683PPA122K | 1600 | 4 | 12.8 | 13.5x29 |
| 0.068 | 1500 | 683PPA152K | 1500 | 4 | 13.8 | 13.5x34 |
| 0.068 | 1500 | 683PPA152KG | 2000 | 4.5 | 12.4 | 16x29 |
| 0.068 | 2000 | 683PPA202K | 2000 | 5.5 | 11.8 | 17x34 |
| 0.068 | 2500 | 683PPA252K | 2600 | 6.5 | 11.5 | 20.5x34 |
| 0.068 | 3000 | 683PPA302K | 2000 | 8 | 12.8 | 21x46 |
| 0.1 | 700 | 104PPA700KG | 950 | 3.5 | 13 | 12x29 |
| 0.1 | 850 | 104PPA850KD11 | 900 | 4 | 11.5 | 11x34 |
| 0.1 | 850 | 104PPA850K | 1200 | 4.5 | 10.4 | 13x29 |
| 0.1 | 1000 | 104PPA102KG | 1400 | 4.5 | 10.2 | 14.5x29 |
| 0.1 | 1000 | 104PPA102KJ | 1050 | 4.5 | 11 | 12.5x34 |
| 0.1 | 1200 | 104PPA122KG | 1600 | 5 | 9.7 | 16x29 |
| 0.1 | 1200 | 104PPA122K | 1200 | 5 | 10.7 | 14x34 |
| 0.1 | 1500 | 104PPA152K | 1500 | 5.5 | 9.6 | 16x34 |
| 0.1 | 2000 | 104PPA202K | 2000 | 7.5 | 8.4 | 20x34 |
| 0.1 | 2500 | 104PPA252KD20 | 1650 | 8 | 11.5 | 19.5x46 |
| 0.1 | 2500 | 104PPA252K | 2600 | 8.5 | 8 | 24.5x34 |
| 0.1 | 3000 | 104PPA302K | 2000 | 11 | 9.4 | 25x46 |
| 0.15 | 700 | 154PPA700KG | 950 | 4.5 | 9.4 | 13.5x29 |
| 0.15 | 850 | 154PPA850KD15 | 1200 | 5.5 | 7.6 | 15x29 |
| 0.15 | 850 | 154PPA850K | 900 | 5 | 8.6 | 13x34 |
| 0.15 | 1000 | 154PPA102K | 1050 | 6 | 8.2 | 14.5x34 |
| 0.15 | 1000 | 154PPA102KG | 1400 | 6 | 7.3 | 17x29 |
| 0.15 | 1200 | 154PPA122KD14 | 780 | 6 | 10 | 14x46 |
| 0.15 | 1200 | 154PPA122K | 1200 | 6.5 | 7.7 | 17x34 |
| 0.15 | 1500 | 154PPA152K | 1500 | 7 | 7.2 | 19.5x34 |

| Capacitance (μF) | WVDC | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims DxL (mm) |
|------------------|------|----------------|------------------|-----------------------------------------------|---------------------------------|---------------|
| 0.15 | 2000 | 154PPA202KD24 | 2000 | 9 | 6.6 | 24x34 |
| 0.15 | 2000 | 154PPA202K | 1250 | 9 | 8.3 | 19.5x46 |
| 0.15 | 2500 | 154PPA252K | 1650 | 9 | 8 | 23.5x46 |
| 0.15 | 3000 | 154PPA302K | 2000 | 12 | 6.8 | 30x46 |
| 0.22 | 700 | 224PPA700KG | 950 | 6 | 7.1 | 15.5x29 |
| 0.22 | 700 | 224PPA700KJ | 700 | 5.5 | 8 | 13.5x34 |
| 0.22 | 850 | 224PPA850KG | 1200 | 7 | 6.1 | 17.5x29 |
| 0.22 | 850 | 224PPA850K | 900 | 6.5 | 6.6 | 15x34 |
| 0.22 | 1000 | 224PPA102K | 1050 | 7.5 | 5.9 | 17.5x34 |
| 0.22 | 1200 | 224PPA122K | 1200 | 9 | 5.4 | 19.5x34 |
| 0.22 | 1200 | 224PPA122KD16 | 780 | 9 | 7.6 | 16x46 |
| 0.22 | 1500 | 224PPA152KD19 | 980 | 9 | 7 | 19x46 |
| 0.22 | 1500 | 224PPA152K | 1500 | 9.5 | 5.3 | 23x34 |
| 0.22 | 2000 | 224PPA202K | 1250 | 10 | 6 | 23x46 |
| 0.22 | 2500 | 224PPA252K | 1650 | 11.5 | 5.9 | 27.5x46 |
| 0.22 | 3000 | 224PPA302KD31 | 1450 | 14 | 5.9 | 30.5x55 |
| 0.22 | 3000 | 224PPA302KS | 1275 | 14 | 6.5 | 29x59 |
| 0.22 | 3000 | 224PPA302K | 2000 | 14 | 5.2 | 36x46 |
| 0.33 | 700 | 334PPA700K | 700 | 7 | 6 | 15.5x34 |
| 0.33 | 700 | 334PPA700KG | 950 | 7 | 5.4 | 17.5x29 |
| 0.33 | 850 | 334PPA850K | 900 | 8.5 | 4.8 | 18x34 |
| 0.33 | 1000 | 334PPA102K | 1050 | 9.5 | 4.5 | 20.5x34 |
| 0.33 | 1000 | 334PPA102KD17 | 680 | 9 | 5.9 | 17x46 |
| 0.33 | 1200 | 334PPA122KD23 | 1200 | 10.5 | 4.5 | 23x34 |
| 0.33 | 1200 | 334PPA122K | 780 | 9.5 | 5.4 | 19x46 |
| 0.33 | 1500 | 334PPA152K | 980 | 10.5 | 5.3 | 23x46 |
| 0.33 | 2000 | 334PPA202K | 1250 | 12.5 | 4.7 | 27.5x46 |
| 0.33 | 2500 | 334PPA252K | 1650 | 14 | 4.5 | 33.5x46 |
| 0.33 | 2500 | 334PPA252KD29 | 1050 | 13.5 | 5.4 | 28.5x55 |
| 0.33 | 2500 | 334PPA252KS | 925 | 13 | 6 | 27.5x59 |
| 0.33 | 3000 | 334PPA302KS | 1275 | 14 | 5.4 | 35x59 |
| 0.33 | 3000 | 334PPA302K | 1450 | 14 | 4.9 | 37x55 |
| 0.39 | 3000 | 394PPA302K | 1450 | 14 | 4.4 | 40x55 |
| 0.39 | 3000 | 394PPA302KS | 1275 | 14 | 4.9 | 37.5x59 |
| 0.47 | 700 | 474PPA700K | 700 | 8 | 4.7 | 18x34 |
| 0.47 | 850 | 474PPA850K | 900 | 10.5 | 4 | 21.5x34 |
| 0.47 | 850 | 474PPA850KD18 | 600 | 9.5 | 5 | 18x46 |
| 0.47 | 1000 | 474PPA102KD20 | 680 | 10.5 | 4.7 | 20x46 |
| 0.47 | 1000 | 474PPA102K | 1050 | 10.5 | 3.8 | 24x34 |
| 0.47 | 1200 | 474PPA122K | 780 | 10.5 | 4.8 | 22x46 |
| 0.47 | 1500 | 474PPA152K | 980 | 13.5 | 4.3 | 27x46 |
| 0.47 | 2000 | 474PPA202KR | 875 | 13 | 5.4 | 27x55 |
| 0.47 | 2000 | 474PPA202KS | 800 | 12.5 | 6 | 26x59 |
| 0.47 | 2000 | 474PPA202K | 1250 | 14 | 3.9 | 32.5x46 |
| 0.47 | 2500 | 474PPA252KS | 925 | 14 | 4.9 | 32x59 |
| 0.47 | 2500 | 474PPA252K | 1050 | 14 | 4.4 | 33.5x55 |
| 0.47 | 3000 | 474PPA302KS | 1275 | 14 | 4.5 | 41x59 |
| 0.56 | 2000 | 564PPA202KD35 | 1250 | 14 | 3.6 | 35x46 |
| 0.56 | 2000 | 564PPA202KS | 800 | 14 | 5 | 28.5x59 |
| 0.56 | 2000 | 564PPA202K | 875 | 14 | 4.5 | 29.5x55 |
| 0.56 | 2500 | 564PPA252KS | 925 | 14 | 4.5 | 34.5x59 |
| 0.56 | 2500 | 564PPA252K | 1050 | 14 | 4 | 36.5x55 |
| 0.68 | 700 | 684PPA700KD22 | 700 | 10.5 | 3.9 | 21.5x34 |
| 0.68 | 700 | 684PPA700K | 475 | 10 | 4.4 | 18x46 |
| 0.68 | 850 | 684PPA850K | 600 | 10.5 | 4.1 | 21x46 |
| 0.68 | 850 | 684PPA850KD26 | 900 | 10.5 | 3.2 | 25.5x34 |
| 0.68 | 1000 | 684PPA102K | 680 | 10.5 | 4 | 23.5x46 |
| 0.68 | 1200 | 684PPA122K | 780 | 13.5 | 3.9 | 26.5x46 |

PPA

High Voltage, high dv/dt Axial Lead

| Capacitance (μF) | WVDC | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims DxL (mm) |
|------------------|------|----------------|------------------|-----------------------------------------------|---------------------------------|---------------|
| 0.68 | 1500 | 684PPA152K | 980 | 14 | 3.7 | 31.5x46 |
| 0.68 | 2000 | 684PPA202KS | 800 | 14 | 4.5 | 31x59 |
| 0.68 | 2000 | 684PPA202K | 875 | 14 | 4 | 32x55 |
| 0.68 | 2500 | 684PPA252KS | 925 | 14 | 4.1 | 38x59 |
| 0.68 | 2500 | 684PPA252K | 1050 | 14 | 3.7 | 40x55 |
| 0.82 | 2500 | 824PPA252KS | 925 | 14 | 3.8 | 41.5x59 |
| 1 | 700 | 105PPA700KD26 | 700 | 12.5 | 3.2 | 26x34 |
| 1 | 700 | 105PPA700K | 475 | 10.5 | 3.9 | 21x46 |
| 1 | 850 | 105PPA850K | 600 | 14 | 3.3 | 25x46 |
| 1 | 1000 | 105PPA102K | 680 | 14 | 3.2 | 28x46 |
| 1 | 1200 | 105PPA122KR | 550 | 14 | 4 | 27x55 |
| 1 | 1200 | 105PPA122KS | 350 | 14 | 4.5 | 25.5x59 |
| 1 | 1200 | 105PPA122K | 780 | 14 | 3.4 | 32x46 |
| 1 | 1500 | 105PPA152KS | 625 | 14 | 4.2 | 30.5x59 |
| 1 | 1500 | 105PPA152K | 675 | 14 | 3.7 | 31.5x55 |
| 1 | 1500 | 105PPA152KD37 | 980 | 14 | 3.2 | 37x46 |
| 1 | 2000 | 105PPA202KS | 800 | 14 | 3.7 | 37x59 |
| 1 | 2000 | 105PPA202K | 875 | 14 | 3.3 | 39x55 |
| 1.2 | 1200 | 125PPA122K | 550 | 14 | 3.4 | 29.5x55 |
| 1.2 | 1200 | 125PPA122KS | 500 | 14 | 3.8 | 28x59 |
| 1.2 | 1200 | 125PPA122KD35 | 780 | 14 | 3 | 34.5x46 |
| 1.2 | 1500 | 125PPA152K | 675 | 14 | 3.4 | 35.5x55 |
| 1.2 | 1500 | 125PPA152KS | 625 | 14 | 3.7 | 33.5x59 |
| 1.2 | 2000 | 125PPA202KS | 800 | 14 | 3.4 | 40.5x59 |
| 1.5 | 700 | 155PPA700K | 475 | 14 | 3.3 | 25.5x46 |
| 1.5 | 850 | 155PPA850K | 600 | 14 | 2.8 | 29.5x46 |
| 1.5 | 1000 | 155PPA102KS | 425 | 14 | 3.6 | 28x59 |
| 1.5 | 1000 | 155PPA102K | 475 | 14 | 3.2 | 29.5x55 |
| 1.5 | 1000 | 155PPA102KD34 | 680 | 14 | 2.6 | 33.5x46 |
| 1.5 | 1200 | 155PPA122KD37 | 780 | 14 | 2.7 | 37x46 |
| 1.5 | 1200 | 155PPA122KS | 500 | 14 | 3.4 | 31x59 |
| 1.5 | 1200 | 155PPA122K | 550 | 14 | 3 | 33x55 |
| 1.5 | 1500 | 155PPA152KS | 625 | 14 | 3.2 | 37x59 |
| 1.5 | 1500 | 155PPA152K | 675 | 14 | 2.9 | 40x55 |
| 2 | 700 | 205PPA700KN | 475 | 14 | 3 | 29x46 |
| 2 | 850 | 205PPA850KS | 275 | 14 | 3.4 | 28x59 |
| 2 | 850 | 205PPA850KD34 | 600 | 14 | 2.4 | 33.5x46 |
| 2 | 850 | 205PPA850K | 425 | 14 | 3 | 29x55 |
| 2 | 1000 | 205PPA102KR | 475 | 14 | 2.9 | 33.5x55 |
| 2 | 1000 | 205PPA102KS | 425 | 14 | 3.2 | 31.5x59 |
| 2 | 1200 | 205PPA122KR | 550 | 14 | 2.6 | 37.5x55 |
| 2 | 1200 | 205PPA122KS | 500 | 14 | 2.9 | 35.5x59 |
| 2 | 1200 | 205PPA122K | 400 | 12 | 2.6 | 39x55 |

| Capacitance (μF) | WVDC | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims DxL (mm) |
|------------------|------|----------------|------------------|-----------------------------------------------|---------------------------------|---------------|
| 2 | 1500 | 205PPA152KS | 625 | 14 | 2.8 | 42x59 |
| 2.2 | 700 | 225PPA700KS | 300 | 14 | 4.2 | 25.5x59 |
| 2.2 | 700 | 225PPA700KD27 | 350 | 14 | 3.8 | 27x55 |
| 2.2 | 700 | 225PPA700K | 475 | 14 | 2.9 | 30x46 |
| 2.2 | 850 | 225PPA850K | 425 | 14 | 2.8 | 30.5x55 |
| 2.2 | 850 | 225PPA850KD35 | 600 | 14 | 2.3 | 35x46 |
| 2.2 | 850 | 225PPA850KS | 375 | 14 | 3.2 | 29.5x59 |
| 2.2 | 1000 | 225PPA102KS | 425 | 14 | 3 | 33x59 |
| 2.2 | 1000 | 225PPA102K | 475 | 14 | 2.7 | 35x55 |
| 2.2 | 1200 | 225PPA122KS | 500 | 14 | 2.8 | 37x59 |
| 2.2 | 1200 | 225PPA122K | 550 | 14 | 2.5 | 39x55 |
| 2.5 | 700 | 255PPA700KS | 300 | 14 | 3.9 | 27.5x59 |
| 2.5 | 700 | 255PPA700KN | 475 | 14 | 2.8 | 32x46 |
| 2.5 | 700 | 255PPA700KR | 350 | 14 | 3.5 | 29x55 |
| 2.5 | 850 | 255PPA850KN | 600 | 14 | 2.6 | 36.5x46 |
| 2.5 | 850 | 255PPA850KS | 375 | 14 | 2.5 | 31x59 |
| 2.5 | 850 | 255PPA850K | 425 | 14 | 2.2 | 32x55 |
| 2.5 | 1200 | 255PPA122KR | 550 | 14 | 2.3 | 41x55 |
| 2.5 | 1200 | 255PPA122KS | 500 | 14 | 2.6 | 39x59 |
| 3 | 700 | 305PPA700KN | 475 | 14 | 2.6 | 35x46 |
| 3 | 700 | 305PPA700KR | 350 | 14 | 3.2 | 31x55 |
| 3 | 700 | 305PPA700KS | 300 | 14 | 3.6 | 29.5x59 |
| 3 | 850 | 305PPA850KR | 425 | 14 | 2.5 | 36x55 |
| 3 | 850 | 305PPA850KS | 375 | 14 | 2.8 | 34x59 |
| 3 | 1000 | 305PPA102KR | 475 | 14 | 2.4 | 40.5x55 |
| 3 | 1000 | 305PPA102KS | 425 | 14 | 2.6 | 38x59 |
| 3 | 1200 | 305PPA122KS | 500 | 14 | 2.4 | 42x59 |
| 3.3 | 700 | 335PPA700KS | 300 | 14 | 3.5 | 30.5x59 |
| 3.3 | 700 | 335PPA700KD32 | 350 | 14 | 3.1 | 32x55 |
| 3.3 | 700 | 335PPA700K | 475 | 14 | 2.5 | 36x46 |
| 3.3 | 850 | 335PPA850K | 425 | 14 | 2.4 | 37x55 |
| 3.3 | 850 | 335PPA850KS | 375 | 14 | 2.7 | 35x59 |
| 3.3 | 1000 | 335PPA102KS | 425 | 14 | 2.5 | 40x59 |
| 4 | 700 | 405PPA700KR | 350 | 14 | 2.8 | 34.5x59 |
| 4 | 700 | 405PPA700KS | 300 | 14 | 3.1 | 33x59 |
| 4 | 850 | 405PPA850KR | 425 | 14 | 2.3 | 40.5x55 |
| 4 | 850 | 405PPA850KS | 375 | 14 | 2.6 | 38.5x59 |
| 4.7 | 700 | 475PPA700KS | 300 | 14 | 2.9 | 35.5x59 |
| 4.7 | 700 | 475PPA700K | 350 | 14 | 2.6 | 37.5x55 |
| 4.7 | 850 | 475PPA850KS | 375 | 14 | 2.4 | 41.5x59 |
| 5.6 | 700 | 565PPA700KS | 300 | 14 | 2.6 | 38.5x59 |
| 5.6 | 700 | 565PPA700K | 350 | 14 | 2.3 | 41x55 |
| 6.8 | 700 | 685PPA700KS | 300 | 14 | 2.4 | 42x59 |