



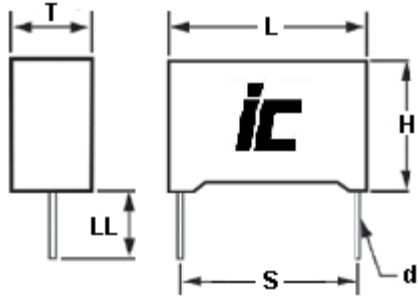
FEATURES

High Current - High Voltage - Good Pulse Current Rating

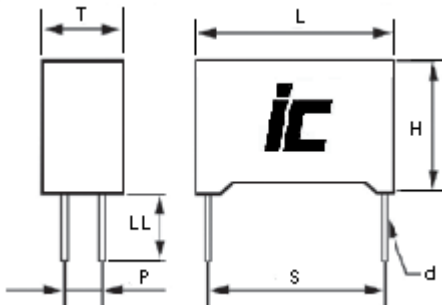
APPLICATIONS

Resonant Circuits - Switching Power Supplies -
Motor Speed Controls - Induction Heaters

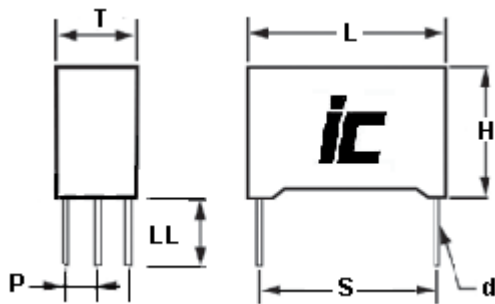
| | | | | | | | | |
|--|---|---------------------------------|------------|--------------------|--|------------------|------------|--|
| Operating Temperature Range | -40°C to +100°C | | | | | | | |
| Capacitance Tolerance | ±10% at 1 kHz, 25°C ±5% optional | | | | | | | |
| Non-Recurrent SVDC | WVDC | 250 | 330 | 400 | 600 | 700 | 850 | |
| | SVDC | 400 | 500 | 600 | 800 | 1000 | 1200 | |
| AC voltage (50/60 Hz) | WVDC | 250 | 330 | 400 | 600 | 700 | 850 | |
| | VAC | 160 | 220 | 275 | 350 | 400 | 500 | |
| For T>+85°C, The voltage (DC/AC) must be decreased by (1.5/2.5)% per °C | | | | | | | | |
| Dissipation Factor (MAX) 25°C | Frequency (kHz) | C≤5uF | | 5<C≤25uF | | C>25uF | | |
| | 1 | 0.05% | | 0.08% | | 0.1% | | |
| Insulation Resistance @25°C (<70% RH) for 1 minute at 100VDC applied | Insulation Resistance | | | | | | | |
| | 30000 MΩxμF (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 | 100000 Hours @WVDC 30000 Hours @ VAC | | | | | | | |
| | 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 | ≤0.001 at 1kHz and 25°C | | | | | | |
| | Insulation Resistance | ≥50% of maximum specified value | | | | | | |
| Self Inductance | <1 nano-Henry per mm of lead spacing | | | | | | | |
| Capacitance Drift Factor | <0.5% 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 Applied for 10 seconds or 150% VAC applied for 2 Seconds and 25°C | | | | 3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C | | | |
| Dielectric | Polypropylene | | | | | | | |
| Construction | Metallized film | | | | | | | |
| Coating | Flame Retardant plastic box with epoxy resin (UL94V-0) | | | | | | | |
| Leads | Lead free tinned copper leads | | | | | | | |



| | | | | | | |
|---|------|------|-----------|-------|------|------|
| L | 26.5 | 32 | 32 | 32 | 42.5 | 57.5 |
| H | ALL | ≤20 | 20<H≤24.5 | >24.5 | ALL | ALL |
| T | ALL | ALL | ≤18 | ALL | ALL | ALL |
| S | 22.5 | 27.5 | 27.5 | 27.5 | 37.5 | 52.5 |
| d | 0.8 | 0.8 | 1.0 | 1.2 | 1.2 | 1.2 |



| | | | |
|---|------|------|------|
| L | 32 | 42.5 | 57.5 |
| S | 27.5 | 37.5 | 52.5 |
| d | 1.2 | 1.2 | 1.2 |



| | | |
|---|------|------|
| L | 42.5 | 57.5 |
| S | 37.5 | 52.5 |
| d | 1.2 | 1.2 |

PHB

**Metallized Polypropylene,
High Frequency radial lead
box**

| WVDC | Capacitance (µF) | 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 LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 250 | 1 | 105PHB250K2G | 50 | 4.5 | 7.6 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 250 | 1.5 | 155PHB250K2G | 50 | 6.5 | 6.1 | 26.5x17x8.5 | 22.5 | 0.8 | | 2 |
| 250 | 1.5 | 155PHB250K2H | 40 | 6.5 | 7.1 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 250 | 2 | 205PHB250K2G | 50 | 7.5 | 5.3 | 26.5x20x11 | 22.5 | 0.8 | | 2 |
| 250 | 2 | 205PHB250K2H | 40 | 7 | 6.1 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 250 | 2.2 | 225PHB250K2G | 50 | 7.5 | 5.1 | 26.5x20x11 | 22.5 | 0.8 | | 2 |
| 250 | 2.2 | 225PHB250K2H | 40 | 7 | 5.8 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 250 | 2.5 | 255PHB250K2H | 40 | 8 | 5.4 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 250 | 3 | 305PHB250K2H | 40 | 9 | 4.8 | 32x22x13 | 27.5 | 1 | | 2 |
| 250 | 3.3 | 335PHB250K2H | 40 | 9.5 | 4.3 | 32x22x13 | 27.5 | 1 | | 2 |
| 250 | 4 | 405PHB250K2H | 40 | 10.5 | 3.8 | 32x22x13 | 27.5 | 1 | | 2 |
| 250 | 4.7 | 475PHB250K2H | 40 | 12 | 3.5 | 32x28x14 | 27.5 | 1.2 | | 2 |
| 250 | 4.7 | 475PHB250K4H | 40 | 15 | 2.8 | 32x28x14 | 27.5 | 1.2 | 5.1 | 4 |
| 250 | 5 | 505PHB250K4H | 40 | 15 | 2.7 | 32x28x14 | 27.5 | 1.2 | 5.1 | 4 |
| 250 | 5 | 505PHB250K2H | 40 | 12 | 3.4 | 32x28x14 | 27.5 | 1.2 | | 2 |
| 250 | 6.8 | 685PHB250K2H | 40 | 14 | 3.1 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 250 | 6.8 | 685PHB250K4H | 40 | 18 | 2.4 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 250 | 10 | 106PHB250K4H | 40 | 20.5 | 1.9 | 32x33x18 | 27.5 | 1.2 | 10.2 | 4 |
| 250 | 10 | 106PHB250K2H | 40 | 20.5 | 2.6 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 250 | 10 | 106PHB250K2J | 25 | 14 | 3.6 | 42.5x28x17 | 37.5 | 1.2 | | 2 |
| 250 | 15 | 156PHB250K2J | 25 | 14 | 3.1 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 250 | 20 | 206PHB250K4J | 25 | 24 | 2.1 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 250 | 20 | 206PHB250K2J | 25 | 14 | 2.8 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 250 | 22 | 226PHB250K2J | 25 | 14 | 2.8 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 250 | 22 | 226PHB250K4J | 25 | 25 | 2.1 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 250 | 25 | 256PHB250K4J | 25 | 26.5 | 1.9 | 42.5x37x28 | 37.5 | 1.2 | 20.3 | 4 |
| 250 | 25 | 256PHB250K2J | 25 | 14 | 2.6 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 250 | 30 | 306PHB250K2J | 25 | 14 | 2.6 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 250 | 30 | 306PHB250K4J | 25 | 26.5 | 1.9 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 250 | 33 | 336PHB250K2J | 25 | 14 | 2.4 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 250 | 33 | 336PHB250K4J | 25 | 27 | 1.7 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 250 | 40 | 406PHB250K4R | 15 | 26 | 2.6 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 250 | 40 | 406PHB250K2R | 15 | 14 | 3.3 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 250 | 50 | 506PHB250K2R | 15 | 14 | 3 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 250 | 50 | 506PHB250K4R | 15 | 26.5 | 2.3 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 250 | 60 | 606PHB250K4R | 15 | 27 | 2 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 250 | 60 | 606PHB250K2R | 15 | 14 | 2.7 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 330 | 0.68 | 684PHB330K2G | 60 | 5 | 8.9 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 330 | 1 | 105PHB330K2G | 60 | 6.5 | 7 | 26.5x18.5x10 | 22.5 | 0.8 | | 2 |
| 330 | 1.5 | 155PHB330K2H | 45 | 7.5 | 6.1 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 330 | 2 | 205PHB330K2H | 45 | 8.5 | 5.3 | 32x22x13 | 27.5 | 1 | | 2 |
| 330 | 2.2 | 225PHB330K2H | 45 | 9 | 5.1 | 32x22x13 | 27.5 | 1 | | 2 |
| 330 | 2.5 | 255PHB330K2H | 45 | 9.5 | 4.9 | 32x22x13 | 27.5 | 1 | | 2 |
| 330 | 3 | 305PHB330K2H | 45 | 10.5 | 4.3 | 32x24.5x15 | 27.5 | 1 | | 2 |
| 330 | 3.3 | 335PHB330K2H | 45 | 10.5 | 4.1 | 32x24.5x15 | 27.5 | 1 | | 2 |
| 330 | 4.7 | 475PHB330K2H | 45 | 14 | 3.4 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 330 | 4.7 | 475PHB330K4H | 45 | 17 | 2.7 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 330 | 5 | 505PHB330K4H | 45 | 17.5 | 2.6 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 330 | 5 | 505PHB330K2H | 45 | 14 | 3.3 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 330 | 6.8 | 685PHB330K2H | 45 | 14 | 2.8 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 330 | 6.8 | 685PHB330K4H | 45 | 22 | 2.1 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 330 | 6.8 | 685PHB330K2J | 30 | 14 | 3.7 | 42.5x28x17 | 37.5 | 1.2 | | 2 |
| 330 | 15 | 156PHB330K2J | 30 | 14 | 2.7 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 330 | 15 | 156PHB330K4J | 30 | 26 | 2 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 330 | 20 | 206PHB330K2J | 30 | 14 | 2.5 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 330 | 20 | 206PHB330K4J | 30 | 27 | 1.8 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 330 | 25 | 256PHB330K4R | 17 | 23 | 2.9 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 330 | 25 | 256PHB330K2R | 17 | 14 | 3.6 | 57.5x45x30 | 52.5 | 1.2 | | 2 |

PHB

**Metallized Polypropylene,
High Frequency radial lead
box**

| WVDC | Capacitance (µF) | 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 LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 330 | 30 | 306PHB330K2R | 17 | 14 | 3.4 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 330 | 30 | 306PHB330K4R | 17 | 24.5 | 2.7 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 330 | 33 | 336PHB330K4R | 17 | 26 | 2.6 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 330 | 33 | 336PHB330K2R | 17 | 14 | 3.3 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 330 | 35 | 356PHB330K4R | 17 | 22 | 2.6 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 330 | 35 | 356PHB330K2R | 17 | 12 | 3.2 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 330 | 40 | 406PHB330K4R | 17 | 27 | 2.4 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 330 | 40 | 406PHB330K2R | 17 | 14 | 3.1 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 400 | 0.47 | 474PHB400K2G | 75 | 4.5 | 8.6 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 400 | 0.68 | 684PHB400K2G | 75 | 6.5 | 7.1 | 26.5x18.5x10 | 22.5 | 0.8 | | 2 |
| 400 | 0.68 | 684PHB400K2H | 55 | 6.5 | 8.8 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 400 | 1 | 105PHB400K2G | 75 | 7.5 | 5.8 | 26.5x20x11 | 22.5 | 0.8 | | 2 |
| 400 | 1 | 105PHB400K2H | 55 | 7 | 6.7 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 400 | 1.5 | 155PHB400K2H | 55 | 9 | 5.3 | 32x22x13 | 27.5 | 1 | | 2 |
| 400 | 2 | 205PHB400K2H | 55 | 10 | 4.7 | 32x24.5x15 | 27.5 | 1.2 | | 2 |
| 400 | 2.2 | 225PHB400K2H | 55 | 10.5 | 4.4 | 32x24.5x15 | 27.5 | 1.2 | | 2 |
| 400 | 2.5 | 255PHB400K2H | 55 | 11 | 4.2 | 32x24.5x15 | 27.5 | 1.2 | | 2 |
| 400 | 3 | 305PHB400K2H | 55 | 14 | 3.6 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 400 | 3 | 305PHB400K4H | 55 | 17 | 2.9 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 400 | 3.3 | 335PHB400K4H | 55 | 17.5 | 2.8 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 400 | 3.3 | 335PHB400K2H | 55 | 14 | 3.5 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 400 | 4 | 405PHB400K2H | 55 | 14 | 3.2 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 400 | 4 | 405PHB400K4H | 55 | 18.5 | 2.5 | 32x33x18 | 27.5 | 1.2 | 10.2 | 4 |
| 400 | 4.7 | 475PHB400K2H | 55 | 14 | 2.8 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 400 | 4.7 | 475PHB400K4H | 55 | 21.5 | 2.1 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 400 | 4.7 | 475PHB400K2J | 40 | 13.5 | 3.9 | 42.5x28x17 | 37.5 | 1.2 | | 2 |
| 400 | 5 | 505PHB400K2H | 55 | 14 | 2.8 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 400 | 5 | 505PHB400K4H | 55 | 22 | 2.1 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 400 | 5 | 505PHB400K2J | 40 | 14 | 3.7 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 400 | 6.8 | 685PHB400K2J | 40 | 14 | 3.3 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 400 | 6.8 | 685PHB400K4J | 40 | 19.5 | 2.6 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 400 | 10 | 106PHB400K4J | 40 | 24.5 | 2.1 | 42.5x37x28 | 37.5 | 1.2 | 20.3 | 4 |
| 400 | 10 | 106PHB400K2J | 40 | 14 | 2.8 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 400 | 15 | 156PHB400K2J | 40 | 14 | 2.4 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 400 | 15 | 156PHB400K4J | 40 | 27 | 1.7 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 400 | 20 | 206PHB400K4R | 20 | 24.5 | 3 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 400 | 20 | 206PHB400K2R | 20 | 14 | 3.7 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 400 | 22 | 226PHB400K2R | 20 | 14 | 3.6 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 400 | 22 | 226PHB400K4R | 20 | 25.5 | 2.9 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 400 | 25 | 256PHB400K4R | 20 | 26 | 2.8 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 400 | 25 | 256PHB400K2R | 20 | 14 | 3.4 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 600 | 0.22 | 224PHB600K2G | 95 | 3.5 | 13 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 600 | 0.33 | 334PHB600K2G | 95 | 5 | 9.5 | 26.5x17x8.5 | 22.5 | 0.8 | | 2 |
| 600 | 0.47 | 474PHB600K2G | 95 | 6 | 8.3 | 26.5x18.5x10 | 22.5 | 0.8 | | 2 |
| 600 | 0.47 | 474PHB600K2H | 75 | 6 | 10 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 600 | 0.68 | 684PHB600K2G | 95 | 7 | 6.9 | 26.5x22x13 | 22.5 | 0.8 | | 2 |
| 600 | 0.68 | 684PHB600K2H | 75 | 7 | 7.6 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 600 | 1 | 105PHB600K2H | 75 | 8.5 | 6.1 | 32x22x13 | 27.5 | 1 | | 2 |
| 600 | 1.5 | 155PHB600K2H | 75 | 11.5 | 4.6 | 32x28x14 | 27.5 | 1.2 | | 2 |
| 600 | 2 | 205PHB600K2H | 75 | 14 | 3.9 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 600 | 2 | 205PHB600K4H | 75 | 16 | 3.2 | 32x33x18 | 27.5 | 1.2 | 10.2 | 4 |
| 600 | 2.2 | 225PHB600K2H | 75 | 14 | 3.9 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 600 | 2.2 | 225PHB600K4H | 75 | 16.5 | 3.2 | 32x33x18 | 27.5 | 1.2 | 10.2 | 4 |
| 600 | 3 | 305PHB600K4H | 75 | 21 | 2.6 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 600 | 3 | 305PHB600K2H | 75 | 14 | 3.3 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 600 | 3 | 305PHB600K2J | 55 | 14 | 4.3 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 600 | 3.3 | 335PHB600K2H | 75 | 14 | 3.2 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 600 | 3.3 | 335PHB600K4H | 75 | 21.5 | 2.5 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |

PHB

**Metallized Polypropylene,
High Frequency radial lead
box**

| WVDC | Capacitance (µF) | 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 LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 600 | 3.3 | 335PHB600K2J | 55 | 14 | 4.1 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 600 | 4 | 405PHB600K2J | 55 | 14 | 3.6 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 600 | 4 | 405PHB600K4J | 55 | 17.5 | 2.9 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 600 | 4.7 | 475PHB600K4J | 55 | 22 | 2.6 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 600 | 4.7 | 475PHB600K2J | 55 | 14 | 3.3 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 600 | 5 | 505PHB600K2J | 55 | 14 | 3.3 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 600 | 5 | 505PHB600K4J | 55 | 22.5 | 2.6 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 600 | 6.8 | 685PHB600K4J | 55 | 25.5 | 2.1 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 600 | 6.8 | 685PHB600K2J | 55 | 14 | 2.8 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 600 | 9 | 905PHB600K2J | 55 | 14 | 2.6 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 600 | 9 | 905PHB600K4J | 55 | 27 | 1.9 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 600 | 10 | 106PHB600K4R | 30 | 22 | 3.8 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 600 | 10 | 106PHB600K2R | 30 | 14 | 4.5 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 600 | 15 | 156PHB600K2R | 30 | 14 | 3.7 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 600 | 15 | 156PHB600K4R | 30 | 25 | 3 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 700 | 0.15 | 154PHB700K2G | 135 | 4 | 13 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 700 | 0.22 | 224PHB700K2G | 135 | 4.5 | 11 | 26.5x17x8.5 | 22.5 | 0.8 | | 2 |
| 700 | 0.33 | 334PHB700K2G | 135 | 6 | 8.5 | 26.5x20x11 | 22.5 | 0.8 | | 2 |
| 700 | 0.33 | 334PHB700K2H | 105 | 6 | 11 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 700 | 0.47 | 474PHB700K2H | 105 | 7.5 | 7.5 | 32x22x13 | 27.5 | 1 | | 2 |
| 700 | 0.68 | 684PHB700K2H | 105 | 9 | 6.1 | 32x24.5x15 | 27.5 | 1 | | 2 |
| 700 | 1 | 105PHB700K2H | 105 | 13 | 4.6 | 32x33x18 | 27.5 | 1.2 | | 2 |
| 700 | 1 | 105PHB700K4H | 105 | 15.5 | 3.9 | 32x33x18 | 27.5 | 1.2 | 10.2 | 4 |
| 700 | 1.5 | 155PHB700K4H | 105 | 18 | 3.3 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 700 | 1.5 | 155PHB700K2H | 105 | 14 | 4 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 700 | 1.5 | 155PHB700K2J | 70 | 12 | 5.6 | 42.5x28x17 | 37.5 | 1.2 | | 2 |
| 700 | 2 | 205PHB700K2H | 105 | 14 | 3.5 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 700 | 2 | 205PHB700K4H | 105 | 20 | 2.8 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 700 | 2 | 205PHB700K2J | 70 | 13 | 4.9 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 700 | 2.2 | 225PHB700K2J | 70 | 12 | 4.7 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 700 | 2.2 | 225PHB700K4J | 70 | 15.5 | 4 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 2 |
| 700 | 3 | 305PHB700K2J | 70 | 14 | 3.9 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 700 | 3 | 305PHB700K4J | 70 | 20 | 3.2 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 700 | 3.3 | 335PHB700K4J | 70 | 21.5 | 3.1 | 42.5x37x28 | 37.5 | 1.2 | 20.3 | 4 |
| 700 | 3.3 | 335PHB700K2J | 70 | 14 | 3.8 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 700 | 4 | 405PHB700K2J | 70 | 14 | 3.3 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 700 | 4 | 405PHB700K4J | 70 | 22.5 | 2.7 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 700 | 4.7 | 475PHB700K4J | 70 | 25 | 2.4 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 700 | 4.7 | 475PHB700K2J | 70 | 14 | 3.1 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 700 | 5 | 505PHB700K2J | 70 | 14 | 3 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 700 | 5 | 505PHB700K4J | 70 | 25.5 | 2.3 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 700 | 6 | 605PHB700K4R | 40 | 20 | 4.3 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 700 | 6 | 605PHB700K2R | 40 | 14 | 5 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 700 | 6.8 | 685PHB700K2R | 40 | 14 | 4.7 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 700 | 6.8 | 685PHB700K4R | 40 | 21.5 | 4 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 700 | 8 | 805PHB700K4R | 40 | 23.5 | 3.7 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 700 | 8 | 805PHB700K2R | 40 | 14 | 4.4 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 700 | 9 | 905PHB700K2R | 40 | 14 | 4.1 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 700 | 9 | 905PHB700K4R | 40 | 25 | 3.4 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 850 | 0.1 | 104PHB850K2G | 375 | 4 | 13 | 26.5x16x7 | 22.5 | 0.8 | | 2 |
| 850 | 0.1 | 104PHB850K2H | 300 | 4 | 15 | 32x17x9 | 27.5 | 0.8 | | 2 |
| 850 | 0.15 | 154PHB850K2G | 375 | 5 | 9.7 | 26.5x18.5x10 | 22.5 | 0.8 | | 2 |
| 850 | 0.15 | 154PHB850K2H | 300 | 5.5 | 11 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 850 | 0.22 | 224PHB850K2G | 375 | 7 | 7.6 | 26.5x22x13 | 22.5 | 0.8 | | 2 |
| 850 | 0.22 | 224PHB850K2H | 300 | 6.5 | 8.3 | 32x20x11 | 27.5 | 0.8 | | 2 |
| 850 | 0.33 | 334PHB850K2H | 300 | 8 | 6.3 | 32x22x13 | 27.5 | 1 | | 2 |
| 850 | 0.47 | 474PHB850K2H | 300 | 9.5 | 5.1 | 32x24.5x15 | 27.5 | 1.2 | | 2 |
| 850 | 0.68 | 684PHB850K2H | 300 | 14 | 3.8 | 32x33x18 | 27.5 | 1.2 | | 2 |

PHB

**Metallized Polypropylene,
High Frequency radial lead
box**

| WVDC | Capacitance (µF) | 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 LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 850 | 0.68 | 684PHB850K4H | 300 | 16 | 3.1 | 32x33x18 | 27.5 | 1.2 | 5.1 | 4 |
| 850 | 1 | 105PHB850K4H | 300 | 20.5 | 2.4 | 32x37x22 | 27.5 | 1.2 | 10.2 | 4 |
| 850 | 1 | 105PHB850K2H | 300 | 14 | 3.1 | 32x37x22 | 27.5 | 1.2 | | 2 |
| 850 | 1 | 105PHB850K2J | 200 | 13 | 4.2 | 42.5x28x17 | 37.5 | 1.2 | | 2 |
| 850 | 1.5 | 155PHB850K2J | 200 | 14 | 3.4 | 42.5x30x22 | 37.5 | 1.2 | | 2 |
| 850 | 2 | 205PHB850K2J | 200 | 14 | 3 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 850 | 2 | 205PHB850K4J | 200 | 23 | 2.3 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 850 | 2.2 | 225PHB850K4J | 200 | 24.5 | 2.3 | 42.5x37x28 | 37.5 | 1.2 | 10.2 | 4 |
| 850 | 2.2 | 225PHB850K2J | 200 | 14 | 3 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 850 | 2.5 | 255PHB850K2J | 200 | 14 | 2.8 | 42.5x37x28 | 37.5 | 1.2 | | 2 |
| 850 | 2.5 | 255PHB850K4J | 200 | 24 | 2.1 | 42.5x37x28 | 37.5 | 1.2 | 20.3 | 4 |
| 850 | 3 | 305PHB850K4J | 200 | 27 | 1.8 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 850 | 3 | 305PHB850K2J | 200 | 14 | 2.4 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 850 | 3.3 | 335PHB850K2J | 200 | 14 | 2.4 | 42.5x45x30 | 37.5 | 1.2 | | 2 |
| 850 | 3.3 | 335PHB850K4J | 200 | 27 | 1.8 | 42.5x45x30 | 37.5 | 1.2 | 20.3 | 4 |
| 850 | 4 | 405PHB850K4R | 110 | 25 | 2.5 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 850 | 4 | 405PHB850K2R | 110 | 14 | 3.2 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 850 | 4.7 | 475PHB850K2R | 110 | 14 | 2.8 | 57.5x45x30 | 52.5 | 1.2 | | 2 |
| 850 | 4.7 | 475PHB850K4R | 110 | 27 | 2.1 | 57.5x45x30 | 52.5 | 1.2 | 20.3 | 4 |
| 850 | 5.6 | 565PHB850K4R | 110 | 27 | 2 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |
| 850 | 5.6 | 565PHB850K2R | 110 | 14 | 2.7 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 850 | 6 | 605PHB850K2R | 110 | 14 | 2.6 | 57.5x50x35 | 52.5 | 1.2 | | 2 |
| 850 | 6 | 605PHB850K4R | 110 | 27 | 2 | 57.5x50x35 | 52.5 | 1.2 | 20.3 | 4 |