

# PSB/RSB

## Metallized Polypropylene Film Capacitors

Radial Leaded with Double Sided Electrodes



### FEATURES

Power Semiconductor Module Protection - High Pulse and rms Current - Multiple Leads

### APPLICATIONS

Power Semiconductor Circuits - Resonant Circuits - Induction Heaters - Switching Power Supplies

| Operating Temperature Range   | PSB: -40°C to +100°C, observing voltage and current derating<br>RSB: -40°C to +85°C |                                 |             |             |             |  |             |      |             |
|---|---|---------------------------------|-------------|-------------|-------------|--|-------------|------|-------------|
| Capacitance Tolerance   | ±10% at 1 kHz, 25°C<br>±5% optional   |                                 |             |             |             |  |             |      |             |
| Non-Recurrent SVDC  | WVDC  | 700                             | 850         | 1000        | 1200        | 1500   | 2000        | 2500 | 3000        |
|   | VAC (RSB)   | 1100                            | 1300 (1200) | 1550 (1300) | 1750 (1600) | 2200   | 2600 (2400) | 3300 | 4000 (3500) |
| AC voltage (50/60 Hz)   | WVDC  | 700                             | 850         | 1000        | 1200        | 1500   | 2000        | 2500 | 3000        |
|   | VAC   | 420                             | 500         | 575         | 630         | 650  | 700         | 725  | 750         |
| 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≤1uF                           |             | C>1uF       |             |  |             |      |             |
|   | 1   | 0.05%                           |             | 0.06%       |             |  |             |      |             |
| Insulation Resistance @25°C (<70% RH) for 1 minute at 100VDC applied    | Insulation Resistance   |                                 |             |             |             |  |             |      |             |
|   | 30000 MΩxuF (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<br>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 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  | Double Metallized film with internal series connections                             |                                 |             |             |             |  |             |      |             |
| Coating   | Flame Retardant plastic box with epoxy resin (UL94V-0)                              |                                 |             |             |             |  |             |      |             |
| Leads   | Lead free tinned copper leads   |                                 |             |             |             |  |             |      |             |

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## Metallized Polypropylene Film Capacitors

Radial Leaded with Double Sided Electrodes



| WVDC | ALL                    | <850 | 850<v<2000 |       | 2500 |      | ALL  | ALL  |
|------|------------------------|------|------------|-------|------|------|------|------|
| L    | 27.5                   | 32   | 32         | 32    | 32   | 32   | 42.5 | 57.5 |
| H    | ALL                    | 20   | 22,24.5    | >24.5 | 33   | >33  | ALL  | ALL  |
| T    | ALL                    | ALL  | ≤15        | >15   | <18  | >18  | ALL  | ALL  |
| S    | 22.5                   | 27.5 | 27.5       | 27.5  | 27.5 | 27.5 | 37.5 | 52.5 |
| d    | 0.8                    | 0.8  | 1.0        | 1.2   | 1.0  | 1.2  | 1.2  | 1.2  |
| LL   | 5±1<br>(25±5 Optional) |      |            |       |      |      |      |      |



|    |         |            |      |      |      |      |
|----|---------|------------|------|------|------|------|
| L  | 32      | 32         | 32   | 42.5 | 42.5 | 57.5 |
| H  | >22     | 22>H>,24.5 | ≥28  | ≥37  | >37  | ALL  |
| P  | 10.2    | ≤15        | ≤15  | >18  | ALL  | 20.3 |
| S  | 27.5    | 27.5       | 27.5 | 37.5 | 37.5 | 52.5 |
| d  | 0.8     | 1.0        | 1.0  | 1.2  | 1.2  | 1.2  |
| LL | 5.5±1.5 |            |      |      |      |      |



|    |           |
|----|-----------|
| L  | 57.5      |
| H  | ALL       |
| T  | ALL       |
| S  | 52.5±0.4  |
| P  | 10.2±0.05 |
| LL | 5.5±1.5   |
| d  | 1.2±0.05  |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 700  | 0.1              | 104PSB700K2G   | 1200             | 4   | 13.3                            | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 700  | 0.15             | 154PSB700K2G   | 1200             | 5.5   | 9.5                             | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 700  | 0.22             | 224PSB700K2G   | 1200             | 6.5   | 7                               | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 700  | 0.22             | 224PSB700K2H   | 900              | 6.5   | 8                               | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 700  | 0.33             | 334PSB700K2H   | 1500             | 8.5   | 6                               | 32x22x13        | 27.5   | 1      |        | 2       |
| 700  | 0.47             | 474PSB700K2H   | 900              | 10  | 4.8                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 700  | 0.68             | 684PSB700K2H   | 900              | 14  | 3.8                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 700  | 0.68             | 684PSB700K4H   | 900              | 17  | 3.1                             | 32x33x18        | 27.5   | 1.2    | 5.1    | 4       |
| 700  | 1                | 105PSB700K4H   | 900              | 21  | 2.5                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 700  | 1                | 105PSB700K2H   | 900              | 14  | 3.2                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 700  | 1                | 105PSB700K2J   | 600              | 13.5  | 4                               | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 700  | 1.5              | 155PSB700K2J   | 600              | 14  | 3.6                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 700  | 1.8              | 185RSB700K4H   | 720              | 19.5  | 2.8                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 700  | 1.8              | 185RSB700K4H   | 720              | 19.5  | 2.8                             | 32x37x22        | 27.5   | 1.2    | 10.5   | 4       |
| 700  | 2                | 205PSB700K4J   | 600              | 22.5  | 2.5                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2                | 205PSB700K4JA  | 600              | 22.5  | 2.5                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2                | 205PSB700K2J   | 600              | 14  | 3.2                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 700  | 2                | 205PSB700K2JA  | 600              | 14  | 3.2                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 700  | 2                | 205RSB700K2J   | 455              | 13  | 4.9                             | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 700  | 2.2              | 225RSB700K2J   | 455              | 13.5  | 4.6                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 700  | 2.2              | 225PSB700K2J   | 600              | 14  | 3.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 700  | 2.2              | 225PSB700K4J   | 600              | 23  | 2.4                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 2.5              | 255PSB700K4J   | 600              | 24.5  | 2.2                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 2.5              | 255PSB700K4JA  | 600              | 27  | 2.2                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2.5              | 255RSB700K2J   | 455              | 14  | 4.5                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 700  | 2.5              | 255PSB700K2J   | 600              | 14  | 2.7                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 700  | 2.5              | 255PSB700K2JA  | 600              | 14  | 2.7                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 700  | 3                | 305PSB700K2J   | 600              | 14  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 700  | 3                | 305PSB700K4J   | 600              | 27  | 2                               | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 3.3              | 335PSB700K4J   | 600              | 27  | 2                               | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 3.3              | 335PSB700K6J   | 600              | 29.5  | 1.9                             | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 6       |
| 700  | 3.3              | 335PSB700K2J   | 600              | 14  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 700  | 3.3              | 335RSB700K4J   | 455              | 19.5  | 3.3                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 3.3              | 335RSB700K2J   | 455              | 14  | 4                               | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 700  | 4                | 405PSB700K2R   | 360              | 14  | 3.1                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 700  | 4                | 405PSB700K6R   | 200              | 27  | 2.4                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 4                | 405PSB700K4R   | 360              | 27  | 2.4                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7              | 475RSB700K4J   | 455              | 24.5  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7              | 475RSB700K2J   | 455              | 14  | 3.4                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 700  | 4.7              | 475PSB700K2R   | 360              | 14  | 2.9                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 4.7              | 475PSB700K4R   | 360              | 27  | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7              | 475PSB102K6R   | 500              | 37.5  | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 4.7              | 475PSB700K6R   | 360              | 30  | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5                | 505RSB700K4J   | 455              | 24.5  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 5                | 505RSB700K2J   | 455              | 14  | 3.4                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 700  | 5                | 505PSB700K2R   | 360              | 14  | 2.9                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 5                | 505PSB700K6R   | 360              | 30.5  | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5.6              | 565PSB700K4R   | 360              | 27  | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 5.6              | 565PSB700K4R   | 360              | 27  | 1.9                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 5.6              | 565PSB700K6R   | 360              | 32  | 1.8                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5.6              | 565PSB700K2R   | 360              | 14  | 2.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 6.3              | 635PSB700K2R   | 360              | 14  | 2.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 6.3              | 635PSB700K4R   | 360              | 27  | 1.9                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.3              | 635PSB700K6R   | 360              | 33.5  | 1.8                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 6.8              | 685PSB700K6R   | 360              | 35.5  | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 6.8              | 685PSB700K4R   | 360              | 27  | 1.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.8              | 685RSB700K4R   | 285              | 23.5  | 3.3                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.8              | 685RSB700K2R   | 285              | 14  | 4                               | 57.5x45x30      | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 700  | 8                | 805PSB700K4R   | 360              | 27  | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 8                | 805PSB700K6R   | 360              | 38  | 1.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 10               | 106RSB700K6R   | 285              | 30  | 2.4                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 10               | 106RSB700K2R   | 285              | 14  | 3.2                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 10               | 106RSB700K4R   | 285              | 27  | 2.5                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 12               | 126RSB700K4R   | 285              | 27  | 2.2                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 12               | 126RSB700K6R   | 285              | 34  | 2.1                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 0.068            | 683PSB850K2G   | 1550             | 4   | 14                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 850  | 0.1              | 104PSB850K2G   | 1550             | 5   | 10.4                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 850  | 0.15             | 154PSB850K2G   | 1550             | 6.5   | 7.5                             | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 850  | 0.15             | 154PSB850K2H   | 1120             | 6.5   | 8.6                             | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 850  | 0.22             | 224PSB850K2H   | 1120             | 8   | 6.4                             | 32x22x13        | 27.5   | 1      |        | 2       |
| 850  | 0.33             | 334PSB850K2H   | 1900             | 10  | 4.9                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 850  | 0.47             | 474PSB850K2H   | 1120             | 14  | 3.9                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 850  | 0.47             | 474PSB850K4H   | 1120             | 16.5  | 3.2                             | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 0.68             | 684PSB850K4H   | 1120             | 20.5  | 2.6                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 0.68             | 684PSB850K2H   | 1120             | 14  | 3.3                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 850  | 0.68             | 684RSB850K2H   | 900              | 12  | 5.6                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 850  | 0.68             | 684PSB850K2J   | 510              | 13  | 4.3                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 850  | 0.82             | 824RSB850K4H   | 900              | 13  | 5.1                             | 32x33x18        | 27.5   | 1.2    |        | 4       |
| 850  | 0.82             | 824PSB850K2J   | 750              | 14  | 3.8                             | 42x32x14        | 37.5   | 1.2    |        | 2       |
| 850  | 1                | 105RSB850K2H   | 900              | 14  | 4.6                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 850  | 1                | 105RSB850K4H   | 900              | 17  | 3.9                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 1                | 105PSB850K2J   | 750              | 14  | 3.3                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 850  | 1                | 105PSB850K4J   | 750              | 18.5  | 2.6                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.2              | 125PSB850K4J   | 900              | 20  | 2.4                             | 42.5x33.5x22    | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.2              | 125RSB850K2J   | 600              | 11.5  | 6.1                             | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 850  | 1.2              | 125PSB850K2J   | 900              | 14  | 3.1                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K2JA  | 750              | 14  | 2.9                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155RSB850K2J   | 600              | 12.5  | 5.5                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K4JA  | 750              | 26  | 2.3                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.5              | 155PSB850K2J   | 750              | 14  | 2.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K4J   | 750              | 24  | 2.3                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2                | 205PSB850K4J   | 750              | 27  | 2.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2                | 205PSB850K6J   | 750              | 29  | 2                               | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 6       |
| 850  | 2                | 205PSB850K2J   | 750              | 14  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 2                | 205RSB850K4J   | 600              | 17  | 4.2                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2                | 205RSB850K4JA  | 600              | 17  | 4.2                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2                | 205RSB850K2J   | 600              | 14  | 4.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 2                | 205RSB850K2JA  | 600              | 14  | 4.9                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225RSB850K2J   | 600              | 14  | 4.8                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225RSB850K4J   | 600              | 17.5  | 4.1                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2.2              | 225PSB850K2J   | 750              | 14  | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225PSB850K6J   | 750              | 30  | 2                               | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 6       |
| 850  | 2.2              | 225PSB850K4J   | 750              | 27  | 2.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2.5              | 255RSB850K4J   | 600              | 21  | 3.7                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2.5              | 255RSB850K2J   | 600              | 14  | 4.4                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 850  | 2.5              | 255PSB850K2R   | 450              | 14  | 2.9                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 2.5              | 255PSB850K4R   | 450              | 27  | 2.2                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305RSB850K4J   | 600              | 22  | 3.3                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305RSB850K2J   | 600              | 14  | 4                               | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 3                | 305PSB850K2R   | 450              | 14  | 3                               | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 3                | 305PSB850K4R   | 450              | 27  | 2.3                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305PSB850K6R   | 450              | 29  | 2.2                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 3.3              | 335RSB850K4J   | 600              | 23  | 3.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 3.3              | 335RSB850K2J   | 600              | 14  | 3.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 3.3              | 335PSB850K2R   | 450              | 14  | 2.6                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 3.3              | 335PSB850K6R   | 450              | 30  | 2.1                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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  | 3.3              | 335PSB850K4R   | 450              | 27  | 2                               | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                | 405PSB850K4R   | 450              | 27  | 2                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                | 405PSB850K6R   | 450              | 32.5  | 1.9                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 4                | 405PSB850K2R   | 450              | 14  | 2.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 850  | 4                | 405RSB850K4R   | 360              | 22  | 3.7                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                | 405RSB850K2R   | 360              | 14  | 4.3                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 4.7              | 475PSB850K2R   | 450              | 14  | 2.5                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 850  | 4.7              | 475PSB850K4R   | 450              | 27  | 1.9                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4.7              | 475PSB850K6R   | 450              | 34.5  | 1.8                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 5.6              | 565PSB850K6R   | 450              | 37  | 1.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 5.6              | 565PSB850K4R   | 450              | 27  | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 5.6              | 565RSB850K4R   | 360              | 26.5  | 3                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 5.6              | 565RSB850K2R   | 360              | 14  | 3.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 850  | 6                | 605PSB850K4R   | 450              | 27  | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 6                | 605PSB850K6R   | 450              | 38  | 1.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 6.8              | 685RSB850K6R   | 360              | 29.5  | 2.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 6.8              | 685RSB850K4R   | 360              | 27  | 2.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 8                | 805RSB850K4R   | 360              | 27  | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 8                | 805RSB850K6R   | 360              | 33  | 2.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 0.047            | 473PSB102K2G   | 1800             | 3.5   | 18.5                            | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 1000 | 0.068            | 683PSB102K2G   | 1800             | 4.5   | 13.7                            | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 1000 | 0.1              | 104PSB102K2G   | 1800             | 5.5   | 9.9                             | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 1000 | 0.1              | 104PSB102K2H   | 1300             | 5   | 11                              | 32x17x9         | 27.5   | 0.8    |        | 2       |
| 1000 | 0.15             | 154PSB102K2G   | 1800             | 7   | 7.3                             | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 1000 | 0.15             | 154PSB102K2H   | 1300             | 6.5   | 8.2                             | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 1000 | 0.22             | 224PSB102K2H   | 1300             | 8.5   | 5.7                             | 32x22x13        | 27.5   | 1      |        | 2       |
| 1000 | 0.33             | 334PSB102K2H   | 1300             | 12.5  | 4.5                             | 32x28x14        | 27.5   | 1.2    |        | 2       |
| 1000 | 0.47             | 474PSB102K2H   | 1300             | 14  | 3.7                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1000 | 0.47             | 474PSB102K4H   | 1300             | 17  | 3                               | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 0.47             | 474PSB102K2J   | 870              | 12  | 4.7                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68             | 684RSB102K4H   | 1300             | 17  | 4                               | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 0.68             | 684RSB102K2H   | 1300             | 14  | 4.7                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1000 | 0.68             | 684RSB102K2J   | 750              | 11.5  | 5.9                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68             | 684PSB102K2J   | 870              | 14  | 4.1                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68             | 684PSB102K4J   | 870              | 17  | 3.4                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                | 105PSB102K4J   | 870              | 22  | 2.9                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                | 105PSB102K2J   | 870              | 14  | 3.6                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1000 | 1                | 105PSB102K2JA  | 870              | 14  | 3                               | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1000 | 1                | 105PSB102K4JA  | 870              | 22  | 2.9                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 2       |
| 1000 | 1                | 105RSB102K4J   | 750              | 15.5  | 4                               | 42.5x30x22      | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                | 105RSB102K2J   | 750              | 14  | 4.7                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5              | 155RSB102K2J   | 750              | 14  | 4                               | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5              | 155RSB102K4J   | 750              | 19.5  | 3.3                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1.5              | 155PSB102K2J   | 870              | 14  | 3                               | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5              | 155PSB102K4J   | 870              | 26  | 2.3                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 1.8              | 185RSB102K4J   | 750              | 22.5  | 3.2                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1.8              | 185RSB102K2J   | 750              | 14  | 3.9                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1000 | 2                | 205RSB102K2J   | 750              | 14  | 3.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1000 | 2                | 205RSB102K4J   | 750              | 23  | 3.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 2                | 205PSB102K2R   | 500              | 14  | 3.4                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1000 | 2                | 205PSB102K4R   | 500              | 26  | 2.7                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 2.2              | 225RSB102K4J   | 750              | 24  | 3.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 2.2              | 225RSB102K2J   | 750              | 14  | 3.8                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1000 | 2.2              | 225PSB102K2R   | 500              | 14  | 3.3                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1000 | 2.2              | 225PSB102K4R   | 500              | 26  | 2.6                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                | 305RSB102K2R   | 450              | 14  | 3.9                             | 57.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1000 | 3                | 305RSB102K4R   | 450              | 23.5  | 3.2                             | 57.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                | 305PSB102K2R   | 500              | 14  | 2.9                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 1000 | 3                | 305PSB102K4R   | 500              | 27  | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                | 305PSB102K6R   | 500              | 31.5  | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 3.3              | 335PSB102K6R   | 500              | 32.5  | 2                               | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 3.3              | 335PSB102K4R   | 500              | 27  | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3.3              | 335RSB102K4R   | 1485             | 24  | 3.1                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 2       |
| 1000 | 3.3              | 335PSB102K2R   | 500              | 14  | 2.8                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 3.3              | 335RSB102K2R   | 450              | 14  | 3.8                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1000 | 4                | 405RSB102K2R   | 450              | 14  | 3.5                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 4                | 405RSB102K4R   | 450              | 27  | 2.8                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4                | 405PSB102K4R   | 500              | 27  | 2                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4                | 405PSB102K6R   | 500              | 34  | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 4.7              | 475PSB102K4R   | 500              | 27  | 1.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4.7              | 475RSB102K4R   | 450              | 27  | 2.7                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4.7              | 475RSB102K2R   | 450              | 14  | 3.3                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 5.6              | 565RSB102K6R   | 450              | 31  | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 5.6              | 565RSB102K4R   | 450              | 27  | 2.5                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 6                | 605RSB102K4R   | 450              | 27  | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 6                | 605RSB102K6R   | 450              | 33  | 2.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 0.033            | 333PSB122K2G   | 2000             | 3   | 23                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 1200 | 0.047            | 473PSB122K2G   | 4000             | 3.5   | 16.9                            | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 1200 | 0.068            | 683PSB122K2G   | 2000             | 4.5   | 12.7                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 1200 | 0.068            | 683PSB122K2H   | 1500             | 4.5   | 14.3                            | 32x17x9         | 27.5   | 0.8    |        | 2       |
| 1200 | 0.1              | 104PSB122K2G   | 2000             | 6   | 9.7                             | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 1200 | 0.1              | 104PSB122K2H   | 1500             | 6   | 10.6                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 1200 | 0.15             | 154PSB122K2H   | 1500             | 7.5   | 7.6                             | 32x22x13        | 27.5   | 1      |        | 2       |
| 1200 | 0.22             | 224PSB122K2H   | 1500             | 9.5   | 5.4                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 1200 | 0.33             | 334PSB122K2H   | 1500             | 13.5  | 4.3                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.33             | 334PSB122K4H   | 1500             | 15.5  | 3.6                             | 32x33x18        | 27.5   | 1.2    |        | 4       |
| 1200 | 0.33             | 334PSB122K2J   | 1000             | 11.5  | 5.9                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474PSB122K2H   | 1500             | 14  | 3.4                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474RSB122K2H   | 1120             | 12.5  | 5.7                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474PSB122K4H   | 1500             | 20.5  | 2.7                             | 32x37x22        | 27.5   | 1.2    |        | 4       |
| 1200 | 0.47             | 474PSB122K2J   | 1000             | 13.5  | 4.8                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684RSB122K2H   | 1120             | 14  | 5                               | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684RSB122K4H   | 1120             | 16  | 4.3                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1200 | 0.68             | 684PSB122K4J   | 1000             | 17.5  | 3.4                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 0.68             | 684RSB122K2J   | 870              | 11.5  | 6.1                             | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684PSB122K2J   | 1000             | 14  | 4.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824PSB122K2J   | 1000             | 14  | 3.8                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824RSB122K2J   | 870              | 13  | 5.4                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824PSB122K4J   | 1000             | 20.5  | 3.1                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1                | 105PSB122K4J   | 1000             | 22  | 2.8                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1                | 105PSB122K2JA  | 1000             | 14  | 3.5                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1200 | 1                | 105RSB122K4J   | 870              | 17.5  | 4.1                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1                | 105PSB122K2J   | 1000             | 14  | 3.5                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 1                | 105PSB122K4JA  | 1000             | 23.5  | 2.8                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 2       |
| 1200 | 1                | 105RSB122K2J   | 870              | 14  | 4.8                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125RSB122K4J   | 870              | 19  | 3.7                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1.2              | 125PSB122K2J   | 1000             | 14  | 3.2                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125RSB122K2J   | 870              | 14  | 4.4                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125PSB122K4J   | 1000             | 25  | 2.5                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1.5              | 155PSB122K4J   | 1000             | 27  | 2.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1.5              | 155RSB122K2J   | 870              | 14  | 4                               | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.5              | 155PSB122K2J   | 100              | 14  | 2.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.5              | 155RSB122K4J   | 870              | 21.5  | 3.3                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 2                | 205PSB122K2R   | 575              | 14  | 3.2                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2                | 205PSB122K4R   | 575              | 26.5  | 2.5                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2                | 205PSB122K6R   | 575              | 29  | 2.4                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 1200 | 2.2              | 225PSB122K4R   | 575              | 27  | 2.4                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.2              | 225PSB122K6R   | 575              | 31  | 2.3                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 2.2              | 225PSB122K2R   | 575              | 14  | 3                               | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.2              | 225RSB122K4R   | 500              | 22  | 3.7                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 4       |
| 1200 | 2.2              | 225RSB122K2R   | 500              | 14  | 4.4                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255RSB122K2R   | 500              | 14  | 4.2                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255RSB122K4R   | 500              | 23  | 3.5                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.5              | 255PSB122K2R   | 575              | 14  | 2.8                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255PSB122K4R   | 575              | 27  | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.5              | 255PSB122K6R   | 575              | 32  | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 3.3              | 335PSB122K6R   | 575              | 36  | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 3.3              | 335RSB122K4R   | 500              | 27  | 3                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.3              | 335PSB122K4R   | 575              | 27  | 2                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.3              | 335RSB122K2R   | 500              | 14  | 3.7                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 3.6              | 365PSB122K4R   | 575              | 27  | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.6              | 365PSB122K6R   | 575              | 37.5  | 1.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 4                | 405RSB122K6R   | 500              | 29  | 2.5                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 4                | 405RSB122K4R   | 500              | 27  | 2.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 4.7              | 475RSB122K4R   | 500              | 27  | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 4.7              | 475RSB122K6R   | 500              | 33  | 2.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 0.022            | 223PSB152K2G   | 2500             | 2.5   | 30                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 1500 | 0.033            | 333PSB152K2G   | 2500             | 3.5   | 22                              | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 1500 | 0.047            | 473PSB152K2G   | 2500             | 4   | 16.5                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 1500 | 0.047            | 473PSB152K2H   | 1900             | 4   | 18.2                            | 32x17x9         | 27.5   | 0.8    |        | 2       |
| 1500 | 0.068            | 683PSB152K2G   | 2500             | 5.5   | 12.3                            | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 1500 | 0.068            | 683PSB152K2H   | 1900             | 5   | 13.8                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 1500 | 0.1              | 104PSB152K2H   | 1900             | 6.5   | 9.5                             | 32x22x13        | 27.5   | 0.8    |        | 2       |
| 1500 | 0.15             | 154PSB152K2H   | 1900             | 8.5   | 7.1                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 1500 | 0.22             | 224PSB152K2H   | 1900             | 12.5  | 5.1                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.22             | 224PSB152K4H   | 1900             | 14  | 4.4                             | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.22             | 224PSB152K2J   | 1220             | 10.5  | 6.9                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334PSB152K2H   | 1900             | 14  | 4.1                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334RSB152K2H   | 1220             | 12  | 6                               | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334PSB152K4H   | 1900             | 18  | 3.4                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.33             | 334PSB152K2J   | 1220             | 12.5  | 5.4                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.47             | 474RSB152K2H   | 1500             | 14  | 4.8                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.47             | 474RSB152K4H   | 1500             | 16.5  | 4.1                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.47             | 474PSB152K4J   | 1220             | 16  | 3.8                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.47             | 474PSB152K2J   | 1220             | 14  | 4.5                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.56             | 564PSB152K2J   | 1220             | 14  | 4.2                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.56             | 564PSB152K4J   | 1220             | 19.5  | 3.5                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684PSB152K4J   | 1220             | 20.5  | 3.2                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684PSB152K4J   | 1220             | 20.5  | 3.2                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684RSB152K2J   | 1000             | 13  | 5.5                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 1500 | 0.68             | 684PSB152K2JA  | 1220             | 14  | 3.9                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.68             | 684PSB152K2J   | 1220             | 14  | 3.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.75             | 754PSB152K2J   | 1220             | 14  | 3.6                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.75             | 754PSB152K4J   | 1220             | 23.5  | 2.9                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 1                | 105PSB152K4J   | 1220             | 26  | 2.6                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1500 | 1                | 105RSB152K2J   | 1000             | 14  | 4.8                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105RSB152K2JA  | 1000             | 14  | 4.8                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105PSB152K2J   | 1220             | 14  | 3.3                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105RSB152K4J   | 1000             | 18  | 4.1                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 1500 | 1                | 105RSB152K4JA  | 1000             | 19.5  | 4.1                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 1.2              | 125PSB152K2R   | 725              | 14  | 3.6                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1500 | 1.2              | 125PSB152K4R   | 725              | 25  | 2.9                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.5              | 155RSB152K2J   | 1000             | 14  | 4                               | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1500 | 1.5              | 155RSB152K4J   | 1000             | 23  | 3.3                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 1500 | 1.5              | 155PSB152K2R   | 725              | 14  | 3.3                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1500 | 1.5              | 155PSB152K4R   | 725              | 27  | 2.6                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.8              | 185PSB152K4R   | 725              | 27  | 2.4                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.8              | 185PSB152K6R   | 725              | 30.5  | 2.3                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 1.8              | 185PSB152K2R   | 725              | 14  | 3.1                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1500 | 2                | 205RSB152K2R   | 575              | 14  | 4.3                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1500 | 2                | 205RSB152K4R   | 575              | 22.5  | 3.6                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2              | 225PSB152K4R   | 725              | 27  | 3                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2              | 225RSB152K4R   | 575              | 24.5  | 3.5                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2              | 225RSB152K2R   | 575              | 14  | 4.2                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1500 | 2.5              | 255RSB152K2R   | 575              | 14  | 4                               | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1500 | 2.5              | 255PSB152K4R   | 725              | 27  | 2.2                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.5              | 255RSB152K4R   | 575              | 26  | 3.3                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.5              | 255PSB152K6R   | 725              | 35  | 2.1                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 3.3              | 335RSB152K6R   | 575              | 31  | 2.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 3.3              | 335RSB152K4R   | 575              | 27  | 2.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.015            | 153PSB202K2G   | 3600             | 2   | 38                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 2000 | 0.022            | 223PSB202K2G   | 3600             | 3   | 28                              | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 2000 | 0.033            | 333PSB202K2G   | 3600             | 4.5   | 20.5                            | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 2000 | 0.033            | 333PSB202K2H   | 2550             | 4   | 23.7                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 2000 | 0.047            | 473PSB202K2G   | 3600             | 5   | 14.8                            | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 2000 | 0.047            | 473PSB202K2H   | 2550             | 4.5   | 16.8                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 2000 | 0.068            | 683PSB202K2H   | 2550             | 6   | 12.1                            | 32x22x13        | 27.5   | 0.8    |        | 2       |
| 2000 | 0.1              | 104PSB202K2H   | 2550             | 7.5   | 8.4                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 2000 | 0.15             | 154PSB202K2H   | 2550             | 11  | 6.5                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 2000 | 0.15             | 154PSB202K4H   | 2550             | 12.5  | 5.8                             | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.15             | 154PSB202K2J   | 1600             | 9.5   | 8.1                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.22             | 224PSB202K2H   | 2550             | 14  | 5.2                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 2000 | 0.22             | 224RSB202K2H   | 1900             | 11  | 8.1                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 2000 | 0.22             | 224PSB202K4H   | 2550             | 16  | 4.5                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.22             | 224PSB202K2J   | 1600             | 12  | 5.9                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33             | 334RSB202K2H   | 1900             | 14  | 5.8                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 2000 | 0.33             | 334RSB202K4H   | 1600             | 15.5  | 5.1                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.33             | 334PSB202K4J   | 1600             | 17.5  | 4.2                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.33             | 334PSB202K2J   | 1600             | 14  | 4.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33             | 334RSB202K2J   | 1600             | 11  | 7.4                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33             | 334PSB202K2JA  | 1600             | 14  | 4.9                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33             | 334PSB202K4JA  | 1600             | 18  | 4.2                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.47             | 474PSB202K4JA  | 1600             | 21.5  | 3.4                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.47             | 474PSB202K2JA  | 1600             | 14  | 4.1                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47             | 474RSB202K2J   | 1220             | 13  | 6.1                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47             | 474PSB202K2J   | 1600             | 14  | 4.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47             | 474PSB202K4J   | 1600             | 20  | 3.4                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.56             | 564PSB202K4J   | 1600             | 23.5  | 3.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.56             | 564PSB202K2J   | 1600             | 14  | 3.8                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68             | 684RSB202K2J   | 1220             | 14  | 5.4                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68             | 684RSB202K2JA  | 1220             | 14  | 5.4                             | 51.5x44x24      | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68             | 684RSB202K4JA  | 1220             | 18.5  | 4.7                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.68             | 684RSB202K4J   | 1220             | 17  | 4.7                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.68             | 684PSB202K2R   | 930              | 14  | 4.4                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2000 | 0.68             | 684PSB202K4R   | 930              | 22  | 3.6                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82             | 824RSB202K4J   | 1220             | 20  | 4.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82             | 824PSB202K6R   | 580              | 24  | 3.1                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 0.82             | 824PSB202K4R   | 930              | 23.5  | 3.2                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82             | 824PSB202K2R   | 930              | 14  | 3.9                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2000 | 1                | 105RSB202K2J   | 1220             | 14  | 4.5                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 2000 | 1                | 105RSB202K4J   | 1220             | 21.5  | 3.8                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 1                | 105PSB202K2R   | 930              | 14  | 3.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |



# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 2000 | 1                | 105PSB202K4R   | 930              | 27  | 2.9                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1                | 105PSB202K6R   | 580              | 27  | 2.9                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.2              | 125PSB202K6R   | 930              | 29.5  | 2.5                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.2              | 125PSB202K4R   | 930              | 27  | 2.6                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.2              | 125PSB202K2R   | 930              | 14  | 3.3                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2000 | 1.2              | 125RSB202K2R   | 870              | 14  | 4.8                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2000 | 1.2              | 125RSB202K4R   | 870              | 21.5  | 4.1                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.5              | 155RSB202K4R   | 725              | 24.5  | 3.7                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.5              | 155RSB202K2R   | 725              | 14  | 4.4                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2000 | 1.5              | 155PSB202K6R   | 930              | 33  | 2.2                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.5              | 155PSB202K4R   | 930              | 27  | 2.3                             | 57.3x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.7              | 175PSB202K6R   | 930              | 34.5  | 2.1                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 2.2              | 225RSB202K6R   | 725              | 29.5  | 3                               | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 2.2              | 225RSB202K4R   | 725              | 27  | 3.1                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.0068           | 682PSB252K2G   | 4900             | 1.5   | 70                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 2500 | 0.01             | 103PSB252K2G   | 4900             | 2   | 51                              | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 2500 | 0.015            | 153PSB252K2G   | 4900             | 2.5   | 36                              | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 2500 | 0.022            | 223PSB252K2G   | 4900             | 3.5   | 26.5                            | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 2500 | 0.022            | 223PSB252K2H   | 3350             | 3.5   | 30.5                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 2500 | 0.033            | 333PSB252K2H   | 3350             | 4   | 22.5                            | 32x22x13        | 27.5   | 0.8    |        | 2       |
| 2500 | 0.047            | 473PSB252K2H   | 3350             | 5.5   | 16                              | 32x24.5x15      | 27.5   | 0.8    |        | 2       |
| 2500 | 0.068            | 683PSB252K2H   | 3350             | 8.5   | 11.3                            | 32x33x18        | 27.5   | 1      |        | 2       |
| 2500 | 0.1              | 104PSB252K2H   | 3350             | 10.5  | 7.6                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 2500 | 0.1              | 104PSB252K4H   | 3350             | 11.5  | 6.9                             | 32x33x18        | 27.5   | 1.2    |        | 4       |
| 2500 | 0.1              | 104PSB252K2J   | 2050             | 8   | 11.5                            | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.15             | 154RSB252K2J   | 2550             | 10  | 9.1                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 2500 | 0.15             | 154PSB252K2J   | 3350             | 13.5  | 6                               | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 2500 | 0.15             | 154PSB252K4J   | 3350             | 14.5  | 5.3                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.15             | 154PSB252K2J   | 2050             | 10.5  | 7.9                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22             | 224RSB252K2H   | 2550             | 12.5  | 7.1                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 2500 | 0.22             | 224RSB252K2J   | 1600             | 10  | 8.3                             | 42x32x17        | 27.5   | 1.2    |        | 2       |
| 2500 | 0.22             | 224PSB252K2JA  | 2050             | 14  | 6                               | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22             | 224PSB252K2J   | 2050             | 14  | 6                               | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22             | 224PSB252K4JA  | 2050             | 16  | 5.3                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.22             | 224PSB252K4J   | 2050             | 16  | 5.3                             | 42.5x37x28      | 37.5   | 1.2    |        | 4       |
| 2500 | 0.3              | 304PSB252K4J   | 2050             | 20  | 4.1                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.3              | 304PSB252K2J   | 2050             | 14  | 4.8                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33             | 334PSB252K2J   | 2050             | 14  | 4.6                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33             | 334PSB252K2J   | 2050             | 14  | 4.6                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33             | 334PSB252K4J   | 1400             | 19.5  | 3.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 4       |
| 2500 | 0.33             | 334PSB252K4J   | 1400             | 19.5  | 3.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 4       |
| 2500 | 0.39             | 394PSB252K4J   | 2050             | 22  | 3.5                             | 42.5x45x30      | 37.5   | 1.2    |        | 4       |
| 2500 | 0.39             | 394PSB252K2J   | 2050             | 14  | 4.4                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47             | 474RSB252K2J   | 1600             | 14  | 5.5                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47             | 474RSB252K2JA  | 1600             | 14  | 5.5                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47             | 474RSB252K4J   | 1600             | 16.5  | 4.8                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.47             | 474RSB252K4JA  | 1600             | 18  | 4.8                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.47             | 474PSB252K4R   | 1150             | 21  | 4                               | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.47             | 474PSB252K2R   | 1150             | 14  | 4.7                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2500 | 0.56             | 564PSB252K2R   | 1150             | 14  | 4.3                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2500 | 0.56             | 564PSB252K4R   | 1150             | 22.5  | 3.6                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68             | 684PSB252K4R   | 1150             | 24.5  | 3.3                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68             | 684RSB252K4R   | 930              | 18  | 5.1                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68             | 684PSB252K6R   | 750              | 23  | 3.6                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 2500 | 0.68             | 684PSB252K2R   | 1150             | 14  | 4                               | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2500 | 0.68             | 684RSB252K2R   | 930              | 14  | 5.8                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 2500 | 0.82             | 824PSB252K2R   | 1150             | 14  | 3.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2500 | 0.82             | 824PSB252K2R   | 1150             | 14  | 3.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|----------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 2500 | 0.82             | 824RSB252K2R   | 930              | 14  | 5.3                             | 57.5x45x30      | 52.5   | 1.2    |        | 4       |
| 2500 | 0.82             | 824PSB252K4R   | 750              | 26.5  | 3                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.82             | 824PSB252K4R   | 750              | 26.5  | 3                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1                | 105PSB252K4R   | 1150             | 27  | 2.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1                | 105RSB252K2R   | 930              | 14  | 4.9                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2500 | 1                | 105PSB252K6R   | 1150             | 30.5  | 2.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | lugs    |
| 2500 | 1.2              | 125RSB252K2R   | 930              | 14  | 4.4                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 2500 | 1.2              | 125RSB252K4R   | 930              | 25  | 3.7                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1.5              | 155RSB252K4R   | 930              | 27  | 3.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1.5              | 155RSB252K6R   | 930              | 29  | 3.2                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 0.0047           | 472PSB302K2G   | 6300             | 1.5   | 87                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 3000 | 0.0068           | 682PSB302K2G   | 6300             | 2   | 64                              | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 3000 | 0.01             | 103PSB302K2G   | 6300             | 2.5   | 46                              | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 3000 | 0.01             | 103PSB302K2H   | 4350             | 2.5   | 54                              | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 3000 | 0.015            | 153PSB302K2G   | 6300             | 3   | 33                              | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 3000 | 0.015            | 153PSB302K2H   | 4350             | 3   | 38                              | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 3000 | 0.022            | 223PSB302K2H   | 4350             | 4   | 26.5                            | 32x22x13        | 27.5   | 0.8    |        | 2       |
| 3000 | 0.033            | 333PSB302K2H   | 4350             | 5   | 19                              | 32x24.5x15      | 27.5   | 0.8    |        | 2       |
| 3000 | 0.033            | 333PSB302K4H   | 2750             | 7   | 18.3                            | 32x33x18        | 27.5   | 1.2    | 5.1    | 4       |
| 3000 | 0.047            | 473PSB302K4H   | 4350             | 8.5   | 13.3                            | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.047            | 473PSB302K2H   | 4350             | 7.5   | 14                              | 32x33x18        | 27.5   | 1      |        | 2       |
| 3000 | 0.068            | 683PSB302K2H   | 4350             | 10  | 10.4                            | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 3000 | 0.068            | 683PSB302K4H   | 4350             | 11  | 9.6                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.068            | 683PSB302K2J   | 2500             | 7.5   | 12.3                            | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1              | 104RSB302K2H   | 3350             | 9   | 11                              | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 3000 | 0.1              | 104PSB302K2J   | 2500             | 9.5   | 9.3                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1              | 104RSB302K2J   | 2050             | 7   | 15.5                            | 42.5x28x14      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1              | 104PSB302K4J   | 2500             | 10.5  | 8.6                             | 42.5x30x22      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.12             | 124PSB302K4J   | 2500             | 13.5  | 7.6                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.12             | 124PSB302K2J   | 2500             | 12  | 8.3                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154RSB302K2H   | 3350             | 10  | 9.1                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154RSB302K2H   | 3350             | 12  | 8.5                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154RSB302K2J   | 2050             | 9   | 10.8                            | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154PSB302K2J   | 2500             | 14  | 6.7                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154PSB302K2JA  | 2500             | 14  | 6.7                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15             | 154PSB302K4JA  | 2500             | 16  | 6                               | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.15             | 154PSB302K4J   | 2500             | 15  | 6                               | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.18             | 184PSB302K4J   | 2500             | 17.5  | 5.3                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.18             | 184PSB302K2J   | 2500             | 14  | 6                               | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22             | 224RSB302K2J   | 2050             | 12.5  | 8.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22             | 224RSB302K4J   | 2050             | 13.5  | 7.4                             | 42.5x37x38      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.22             | 224RSB302K4JA  | 2050             | 14  | 7.4                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.22             | 224PSB302K2J   | 2050             | 14  | 5.1                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22             | 224RSB302K2JA  | 2050             | 12.5  | 8.1                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22             | 224RSB302K2J   | 2050             | 12.5  | 8.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22             | 224PSB302K4J   | 2050             | 18.5  | 4.4                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.33             | 334RSB302K2J   | 2050             | 14  | 6.2                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 3000 | 0.33             | 334RSB302K4J   | 2050             | 18  | 5.5                             | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.33             | 334PSB302K2R   | 900              | 14  | 5.1                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 3000 | 0.33             | 334PSB302K4R   | 1120             | 20.5  | 4.4                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.47             | 474PSB302K4R   | 1400             | 23.5  | 3.9                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.47             | 474PSB302K2R   | 1400             | 14  | 4.6                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 3000 | 0.47             | 474RSB302K2R   | 1150             | 14  | 6.6                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 3000 | 0.47             | 474RSB302K4R   | 1150             | 18  | 5.9                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.63             | 634PSB302K4R   | 1400             | 26.5  | 3.5                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.63             | 634PSB302K6R   | 1400             | 27.5  | 3.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 0.68             | 684RSB302K4R   | 1150             | 20.5  | 5.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.68             | 684RSB302K2R   | 1150             | 14  | 5.9                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| 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 |
|------|------------------|------------------------------|------------------|---|---------------------------------|-----------------|--------|--------|--------|---------|
| 3000 | 0.82             | <a href="#">824RSB302K2R</a> | 930              | 14  | 5.3                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 3000 | 0.82             | <a href="#">824RSB302K4R</a> | 1150             | 22.5  | 4.6                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 1                | <a href="#">105RSB302K6R</a> | 1150             | 26.5  | 3.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 1                | <a href="#">105RSB302K4R</a> | 930              | 25  | 4                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |