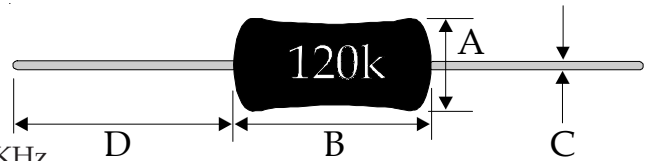


**AXIAL LEADED  
POWER INDUCTOR  
SERIES PA**

**FEATURES**

- Inductance range 3.9 $\mu$ H to 10,000 $\mu$ H
- Tolerance  $\pm 10\%$  over entire range
- Rated current Obtained when Lo value drops 10% typical
- Testing procedures Quadtech 1750 LCR Meter @ 1KHz
- Operating temperature -25°C to +125°C
- Finish Covered with UL/CSA shrink tube, temperature rating @ 125°C
- Marking Inductance value
- Packaging 100 pieces per bag for PA2  
50 pieces per bag for PA4

**DIMENSIONS IN INCHES**

| TYPE | A<br>max | B<br>max | C<br>wire gauge | D<br>min |
|------|----------|----------|-----------------|----------|
| PA2  | 0.295    | 0.590    | 22 AWG          | 0.95     |
| PA4  | 0.460    | 0.960    | 20 AWG          | 1.00     |

**SPECIFICATIONS**

| PA2         |                          |                         |                         |
|-------------|--------------------------|-------------------------|-------------------------|
| Part Number | Inductance<br>( $\mu$ H) | Max DCR<br>( $\Omega$ ) | Rated current<br>(Amps) |
| PA2-3R9K    | 3.9                      | 0.019                   | 1.28                    |
| PA2-4R7K    | 4.7                      | 0.022                   | 1.28                    |
| PA2-5R6K    | 5.6                      | 0.024                   | 1.28                    |
| PA2-6R8K    | 6.8                      | 0.026                   | 1.28                    |
| PA2-8R2K    | 8.2                      | 0.028                   | 1.28                    |
| PA2-100K    | 10                       | 0.033                   | 1.28                    |
| PA2-120K    | 12                       | 0.037                   | 1.28                    |
| PA2-150K    | 15                       | 0.040                   | 1.28                    |
| PA2-180K    | 18                       | 0.044                   | 1.28                    |
| PA2-220K    | 22                       | 0.050                   | 1.28                    |
| PA2-270K    | 27                       | 0.058                   | 1.28                    |
| PA2-330K    | 33                       | 0.075                   | 1.08                    |
| PA2-390K    | 39                       | 0.094                   | 0.804                   |
| PA2-470K    | 47                       | 0.109                   | 0.804                   |
| PA2-560K    | 56                       | 0.140                   | 0.804                   |
| PA2-680K    | 68                       | 0.131                   | 0.804                   |
| PA2-820K    | 82                       | 0.152                   | 0.804                   |
| PA2-101K    | 100                      | 0.208                   | 0.632                   |
| PA2-121K    | 120                      | 0.283                   | 0.508                   |
| PA2-151K    | 150                      | 0.340                   | 0.508                   |
| PA2-181K    | 180                      | 0.362                   | 0.508                   |
| PA2-221K    | 220                      | 0.430                   | 0.508                   |
| PA2-271K    | 270                      | 0.557                   | 0.400                   |
| PA2-331K    | 330                      | 0.665                   | 0.400                   |
| PA2-391K    | 390                      | 0.772                   | 0.400                   |
| PA2-471K    | 470                      | 1.15                    | 0.315                   |
| PA2-561K    | 560                      | 1.27                    | 0.315                   |
| PA2-681K    | 680                      | 1.61                    | 0.250                   |
| PA2-821K    | 820                      | 1.96                    | 0.200                   |
| PA2-102K    | 1000                     | 2.30                    | 0.200                   |
| PA2-122K    | 1200                     | 2.65                    | 0.200                   |
| PA2-152K    | 1500                     | 3.45                    | 0.158                   |
| PA2-182K    | 1800                     | 4.03                    | 0.158                   |
| PA2-222K    | 2200                     | 4.48                    | 0.158                   |
| PA2-272K    | 2700                     | 5.40                    | 0.125                   |
| PA2-332K    | 3300                     | 6.56                    | 0.125                   |
| PA2-392K    | 3900                     | 8.63                    | 0.100                   |
| PA2-472K    | 4700                     | 9.66                    | 0.100                   |
| PA2-562K    | 5600                     | 13.9                    | 0.082                   |
| PA2-682K    | 6800                     | 16.3                    | 0.082                   |
| PA2-822K    | 8200                     | 20.8                    | 0.065                   |
| PA2-103K    | 10000                    | 26.4                    | 0.050                   |

| PA4         |                          |                         |                         |
|-------------|--------------------------|-------------------------|-------------------------|
| Part Number | Inductance<br>( $\mu$ H) | Max DCR<br>( $\Omega$ ) | Rated current<br>(Amps) |
| PA4-3R9K    | 3.9                      | 0.007                   | 4.0                     |
| PA4-4R7K    | 4.7                      | 0.008                   | 4.0                     |
| PA4-5R6K    | 5.6                      | 0.011                   | 4.0                     |
| PA4-6R8K    | 6.8                      | 0.011                   | 4.0                     |
| PA4-8R2K    | 8.2                      | 0.013                   | 4.0                     |
| PA4-100K    | 10                       | 0.017                   | 4.0                     |
| PA4-120K    | 12                       | 0.019                   | 4.0                     |
| PA4-150K    | 15                       | 0.022                   | 4.0                     |
| PA4-180K    | 18                       | 0.023                   | 4.0                     |
| PA4-220K    | 22                       | 0.026                   | 4.0                     |
| PA4-270K    | 27                       | 0.027                   | 4.0                     |
| PA4-330K    | 33                       | 0.032                   | 4.0                     |
| PA4-390K    | 39                       | 0.033                   | 4.0                     |
| PA4-470K    | 47                       | 0.035                   | 4.0                     |
| PA4-560K    | 56                       | 0.037                   | 3.2                     |
| PA4-680K    | 68                       | 0.047                   | 2.5                     |
| PA4-820K    | 82                       | 0.060                   | 2.0                     |
| PA4-101K    | 100                      | 0.090                   | 1.6                     |
| PA4-121K    | 120                      | 0.113                   | 1.6                     |
| PA4-151K    | 150                      | 0.129                   | 1.6                     |
| PA4-181K    | 180                      | 0.150                   | 1.6                     |
| PA4-221K    | 220                      | 0.162                   | 1.6                     |
| PA4-271K    | 270                      | 0.208                   | 1.6                     |
| PA4-331K    | 330                      | 0.212                   | 1.6                     |
| PA4-391K    | 390                      | 0.281                   | 1.6                     |
| PA4-471K    | 470                      | 0.380                   | 1.2                     |
| PA4-561K    | 560                      | 0.420                   | 1.0                     |
| PA4-681K    | 680                      | 0.548                   | 1.0                     |
| PA4-821K    | 820                      | 0.655                   | 0.8                     |
| PA4-102K    | 1000                     | 0.844                   | 0.8                     |
| PA4-122K    | 1200                     | 1.04                    | 0.6                     |
| PA4-152K    | 1500                     | 1.18                    | 0.6                     |
| PA4-182K    | 1800                     | 1.56                    | 0.6                     |
| PA4-222K    | 2200                     | 2.00                    | 0.5                     |
| PA4-272K    | 2700                     | 2.06                    | 0.4                     |
| PA4-332K    | 3300                     | 2.53                    | 0.4                     |
| PA4-392K    | 3900                     | 2.75                    | 0.4                     |
| PA4-472K    | 4700                     | 3.19                    | 0.4                     |
| PA4-562K    | 5600                     | 3.92                    | 0.315                   |
| PA4-682K    | 6800                     | 5.69                    | 0.250                   |
| PA4-822K    | 8200                     | 6.32                    | 0.250                   |
| PA4-103K    | 10000                    | 7.30                    | 0.250                   |