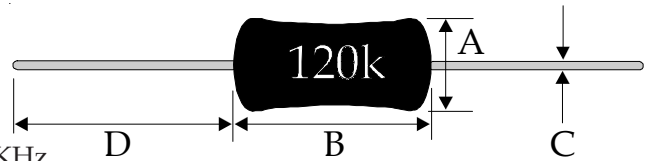


**AXIAL LEADED  
POWER INDUCTOR  
SERIES PA**

**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 max	B max	C wire gauge	D min
PA2	0.295	0.590	22 AWG	0.95
PA4	0.460	0.960	20 AWG	1.00

**SPECIFICATIONS**

PA2			
Part Number	Inductance ( $\mu$ H)	Max DCR ( $\Omega$ )	Rated current (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 ( $\mu$ H)	Max DCR ( $\Omega$ )	Rated current (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