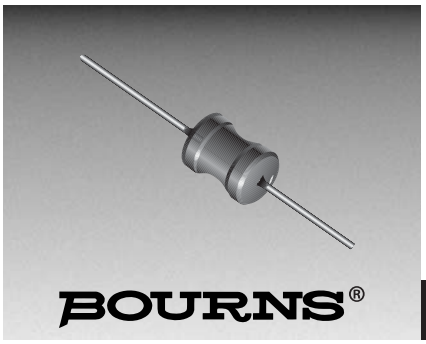


Features

- High current up to 5 A
- RoHS compliant*

Applications

- DC/DC onverters
- Power supplies
- General use

LPA Series Axial Power Inductors

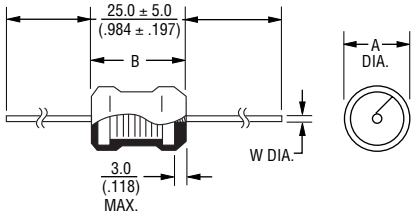
General Specifications

Temperature Rise
.....45 °C max. at rated current
Operating Temperature..-40 °C to +85 °C
Storage Temperature ..-40 °C to +105 °C

Materials

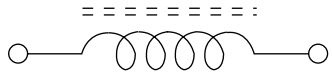
Core Material .....Ferrite DR core
Wire .....Enameled copper wire
Terminal .....Cu/Sn
Tube.....Shrinkable tube 125 °C, 600 V

Product Dimensions



DIMENSIONS ARE: MM / (INCHES)

Electrical Schematic



Electrical Characteristics and Product Dimensions

BOURNS Part No.	Inductance (µH) 1KHz	RDC (Ω) max.	IDC (A) max.	Dimensions		
				A max.	B max.	W dia.
LPA0618-100KL	10 ± 10 %	0.075	2.00	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-250KL	25 ± 10 %	0.150	1.20	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-500KL	50 ± 10 %	0.200	0.80	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-101KL	100 ± 10 %	0.300	0.60	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-251KL	250 ± 10 %	1.000	0.40	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-501KL	500 ± 10 %	2.000	0.25	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA0618-102KL	1000 ± 10 %	3.000	0.20	6.0 (.236)	18.0 (.709)	0.65 ± 0.05 (.026 ± .002)
LPA1020-100KL	10 ± 10 %	0.050	3.50	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-250KL	25 ± 10 %	0.085	2.50	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-500KL	50 ± 10 %	0.120	2.00	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-101KL	100 ± 10 %	0.180	1.40	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-251KL	250 ± 10 %	0.500	0.80	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-501KL	500 ± 10 %	1.000	0.60	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1020-102KL	1000 ± 10 %	2.200	0.40	10.0 (.394)	20.0 (.787)	0.65 ± 0.05 (.026 ± .002)
LPA1226-100KL	10 ± 10 %	0.030	5.0	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-250KL	25 ± 10 %	0.045	4.0	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-500KL	50 ± 10 %	0.080	3.0	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-101KL	100 ± 10 %	0.125	2.0	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-251KL	250 ± 10 %	0.300	1.2	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-501KL	500 ± 10 %	0.500	0.8	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)
LPA1226-102KL	1000 ± 10 %	1.200	0.6	12.0 (.472)	26.0 (1.024)	0.8 ± 0.05 (.031 ± .002)

REV. 09/09

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.