



- High Current Radial Leded Inductors
- Used as Noise Filtering for SMPS, Power Amplifiers and Control Circuits
- Operating Temperature: -55°C to +85°C
- Storage Temperature: -40°C to +85°C
- Protected by Flame Retardant Polyolefin Tubing

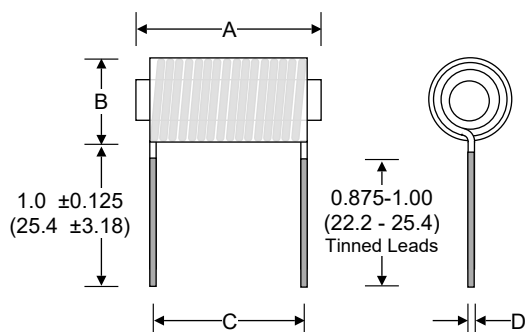
### Electrical Parameters @ 25°C

Part Number	Inductance <sup>1</sup> (uH ±10%)	DC Resistance (Ω Max.)	Rated DC Current <sup>2</sup> (A)	Incremental Current <sup>3</sup> (A)
EPA4468-5-LF	5	0.012	14	25
EPA4468-10-LF	10	0.015	12	19
EPA4468-27-LF	27	0.025	9	13
EPA4468-50-LF	50	0.03	8	10
EPA4468-68-LF	68	0.035	7.5	9
EPA4468-100-LF	100	0.05	7.5	7
EPA4468-150-LF	150	0.06	7	5

**Notes:**

- (1) Measured at 1KHZ 1.0V
- (2) DC or RMS continuous operating current on a 50°C temperature rise
- (3) Current that will cause 5% Inductance drop from initial reading.

### Package



**Marking on Top:**  
PCA  
EPA4468-xx-LF  
D.C.

### Schematic



Other Info.	
Lead Finish	Hot Tin Dip (Sn)
Peak Solder Rating	245°C
Packaging (Boxed)	TBD

Part Number	A (Max)	B (Max)	C ±0.062 (±1.57)	D ±0.005 (±1.27)	Weight (Grams)
EPA4468-5-LF	0.875 (22.23)	0.625 (15.88)	0.750 (19.05)	0.053 (1.35)	
EPA4468-10-LF	1.125 (28.58)	0.625 (15.88)	1.000 (25.40)	0.053 (1.35)	
EPA4468-27-LF	0.875 (22.23)	0.840 (21.34)	0.562 (14.27)	0.053 (1.35)	
EPA4468-50-LF	1.125 (28.58)	0.840 (21.34)	0.750 (19.05)	0.053 (1.35)	28
EPA4468-68-LF	1.125 (28.58)	0.860 (21.84)	0.875 (22.23)	0.053 (1.35)	
EPA4468-100-LF	1.375 (34.93)	0.860 (21.84)	1.000 (25.40)	0.053 (1.35)	39.2
EPA4468-150-LF	1.625 (41.28)	0.860 (21.84)	1.250 (31.75)	0.053 (1.35)	

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25