



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Common Mode Inductors (with Optional Header)

Special Features

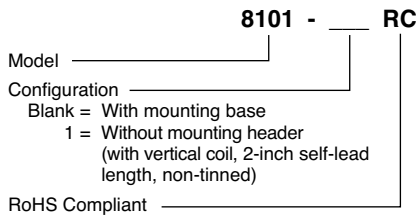
- Single layer wound
- Excellent EMI suppression capability over wide frequency spectrum
- High current capacity
- Dielectric strength: 1500 Vrms
- Coil mount on UL 94V-0 rated plastic header (optional)
- Fixed pin spacing allow easy PCB insertion
- Operating temperature: -55 to +105 °C

Notes

* Rated current to cause approx. 35 °C temperature rise

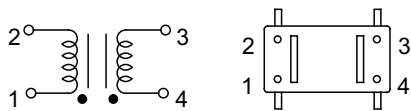
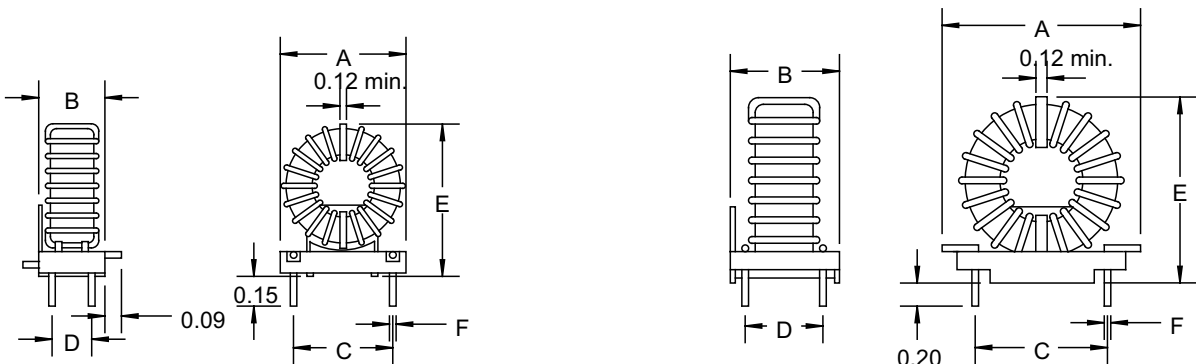
† *RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

How to Order

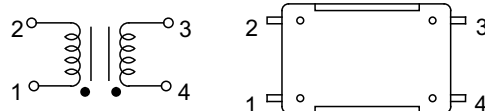


8100 Series										
Part Number	L (mH) Min. @ 1 KHz	I (A)* Max.	DCR (Ω) Max.	Leakage Inductance (μH) Typ.	Dim. A Max.	Dim. B ±0.01	Dim. C ±0.015	Dim. D ±0.015	Dim. E Max.	Dim. F Max.
8101-RC	4	1.7	0.173	27	0.76	0.455 MAX.	0.600	0.250	0.90	0.040
8102-RC	2.5	2.4	0.09	17	0.76	0.455 MAX.	0.600	0.250	0.90	0.040
8103-RC	1	4.8	0.022	7	0.76	0.455 MAX.	0.600	0.250	0.90	0.040
8104-RC	10	2.4	0.17	45	1.20	0.606	0.800	0.400	1.20	0.050
8105-RC	7	2.8	0.12	32	1.20	0.606	0.800	0.400	1.20	0.050
8106-RC	5	3.7	0.07	23	1.20	0.606	0.800	0.400	1.20	0.050
8107-RC	2	6.6	0.022	9	1.20	0.606	0.800	0.400	1.20	0.050
8108-RC	1	10	0.01	4.5	1.20	0.606	0.800	0.400	1.20	0.050
8109-RC	30	2.3	0.33	136	1.35	0.815	0.900	0.600	1.45	0.050
8110-RC	20	2.9	0.21	95	1.35	0.815	0.900	0.600	1.45	0.050
8111-RC	12	4	0.11	57	1.35	0.815	0.900	0.600	1.45	0.050
8112-RC	8	5.6	0.055	38	1.35	0.815	0.900	0.600	1.45	0.050
8113-RC	5	8.9	0.022	25	1.45	0.815	0.900	0.600	1.50	0.043
8114-RC	2.5	12.5	0.011	12.5	1.45	0.815	0.900	0.600	1.50	0.053
8115-RC	1.2	16	0.006	6	1.50	0.815	0.900	0.600	1.53	0.060
8116-RC	50	2.3	0.45	230	1.55	0.815	0.900	0.600	1.65	0.050
8117-RC	36	2.9	0.3	167	1.55	0.815	0.900	0.600	1.65	0.050
8118-RC	7.3	9.3	0.032	30.5	1.65	0.815	0.900	0.600	1.65	0.043
8119-RC	4	14.5	0.012	16	1.70	0.917	1.200	0.700	1.65	0.060
8120-RC	2.4	17	0.008	9.6	1.70	0.917	1.200	0.700	1.65	0.067
8121-RC	1	20	0.007	4	1.70	0.917	1.200	0.700	1.65	0.067

“-RC” suffix indicates RoHS compliance.



8101-8103



8104-8121

Dimensions: Inches