

# Common Mode Inductors (with Header)

## Special Features

- Single layer wound
- Excellent EMI suppression capability over wide frequency spectrum
- High current capacity
- Dielectric strength: 1500 Vrms
- Coil mount on VW-1 rated plastic header
- Fixed pin spacing allow easy PCB insertion
- Operating temperature: -55 to +105 °C

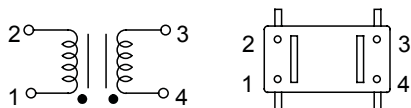
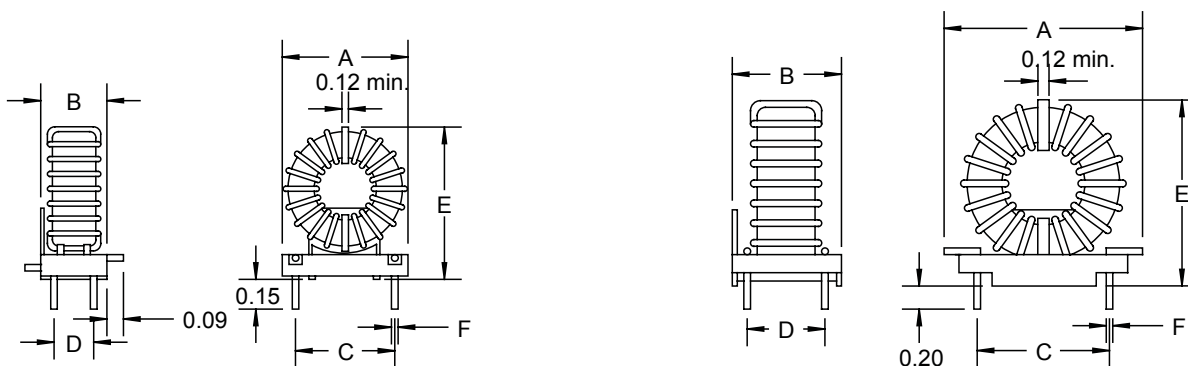
## Notes

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

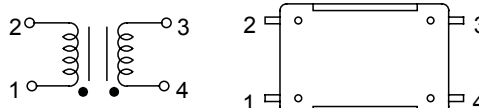
8100 Series									
Part Number	L (mH)		DCR (Ω)	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F
	Min. @ 1 KHz	I (A)* Max.							
8101-RC	4	1.7	0.173	0.76	0.425	0.600	0.250	0.90	0.040
8102-RC	2.5	2.4	0.09	0.76	0.425	0.600	0.250	0.90	0.040
8103-RC	1	4.8	0.022	0.76	0.425	0.600	0.250	0.90	0.040
8104-RC	10	2.4	0.17	1.20	0.60	0.800	0.400	1.20	0.050
8105-RC	7	2.8	0.12	1.20	0.60	0.800	0.400	1.20	0.050
8106-RC	5	3.7	0.07	1.20	0.60	0.800	0.400	1.20	0.050
8107-RC	2	6.6	0.022	1.20	0.60	0.800	0.400	1.20	0.050
8108-RC	1	10	0.01	1.20	0.60	0.800	0.400	1.20	0.050
8109-RC	30	2.3	0.33	1.35	0.80	0.900	0.600	1.45	0.050
8110-RC	20	2.9	0.21	1.35	0.80	0.900	0.600	1.45	0.050
8111-RC	12	4	0.11	1.35	0.80	0.900	0.600	1.45	0.050
8112-RC	8	5.6	0.055	1.35	0.80	0.900	0.600	1.45	0.050
8113-RC	5	8.9	0.022	1.45	0.80	0.900	0.600	1.50	0.043
8114-RC	2.5	12.5	0.011	1.45	0.80	0.900	0.600	1.50	0.053
8115-RC	1.2	16	0.006	1.50	0.80	0.900	0.600	1.53	0.060
8116-RC	50	2.3	0.45	1.55	0.80	0.900	0.600	1.65	0.050
8117-RC	36	2.9	0.3	1.55	0.80	0.900	0.600	1.65	0.050
8118-RC	7.3	9.3	0.032	1.65	0.80	0.900	0.600	1.65	0.043
8119-RC	4	14.5	0.012	1.70	0.90	1.200	0.700	1.65	0.060
8120-RC	2.4	17	0.008	1.70	0.90	1.200	0.700	1.65	0.067
8121-RC	1	20	0.007	1.70	0.90	1.200	0.700	1.65	0.067

Available only as RoHS compliant beginning July 2007.

When ordering non-RoHS compliant versions before July 2007, do not include the -RC suffix in the part number.



8101-8103



8104-8121

Dimensions: Inches

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