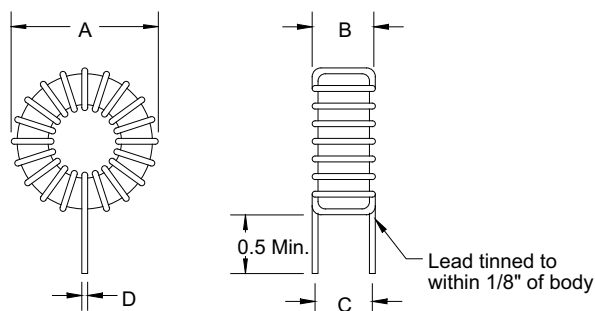


High Current Toroid Inductors

Features

- Low radiation
- High current capacity
- High inductance
- Increase inductance with AC excitation current to compensate reduced inductance with DC bias
- Low cost
- Operating temperature: -55 to 105 °C

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Dimensions: Inches

5700 Series								
Part Number	L (μH) ±15 % @ 1 KHz	I (A) Max.	L (μH) ±15 % @ I rated	DCR Ω Max.	Dim. A Max.	Dim. B Max.	Dim. C Nom.	Dim. D Nom.
5701-RC	10	11.00	5	0.008	0.875	0.437	0.32	0.064
5702-RC	25	5.50	12	0.014	0.875	0.437	0.30	0.040
5703-RC	125	2.75	70	0.12	0.875	0.437	0.30	0.020
5704-RC	275	2.00	150	0.24	0.875	0.437	0.30	0.016
5705-RC	450	1.50	250	0.49	0.875	0.437	0.30	0.012
5706-RC	25	9.00	15	0.012	1.125	0.562	0.45	0.064
5707-RC	75	5.00	40	0.04	1.125	0.562	0.42	0.036
5708-RC	400	2.25	225	0.33	1.125	0.562	0.42	0.018
5709-RC	800	1.75	475	0.64	1.125	0.562	0.42	0.015
5710-RC	1000	1.50	575	0.98	1.125	0.562	0.40	0.012
5711-RC	50	9.50	25	0.012	1.250	0.625	0.53	0.064
5712-RC	150	4.75	85	0.046	1.250	0.625	0.50	0.036
5713-RC	700	2.25	400	0.42	1.250	0.625	0.50	0.018
5714-RC	1250	1.75	750	0.85	1.250	0.625	0.48	0.015
5715-RC	1600	1.50	950	1.27	1.250	0.625	0.48	0.012
5716-RC	125	7.75	65	0.032	1.812	0.750	0.68	0.064
5717-RC	500	4.00	275	0.15	1.812	0.750	0.65	0.032
5718-RC	1100	2.50	650	0.33	1.812	0.750	0.65	0.025
5719-RC	2250	1.75	1350	0.92	1.812	0.750	0.65	0.018
5720-RC	4500	1.25	2700	2.64	1.812	0.750	0.65	0.012
5721-RC	250	8.00	125	0.041	2.125	0.937	0.79	0.062
5722-RC	900	3.75	500	0.175	2.125	0.937	0.75	0.032
5723-RC	1800	2.50	1000	0.55	2.125	0.937	0.75	0.023
5724-RC	4000	1.75	2100	1.16	2.125	0.937	0.74	0.018
5725-RC	8000	1.00	4500	3.34	2.125	0.937	0.74	0.012
5726-RC	25	2.50	16	0.040	0.550	0.220	0.21	0.020
5727-RC	35	2.50	29	0.035	0.700	0.320	0.30	0.025
5728-RC	50	2.50	35	0.060	0.750	0.320	0.28	0.020
5729-RC	100	2.50	70	0.080	0.850	0.360	0.33	0.020
5730-RC	70	3.00	50	0.050	0.850	0.360	0.33	0.025
5731-RC	40	4.00	30	0.025	0.850	0.360	0.34	0.032

“-RC” suffix indicates RoHS compliance.

BOURNS®

Tel. (877) 426-8767 • Fax (951) 781-5006

www.bourns.com