



THE DATASHEET OF
5900-470-RC



High Current Chokes

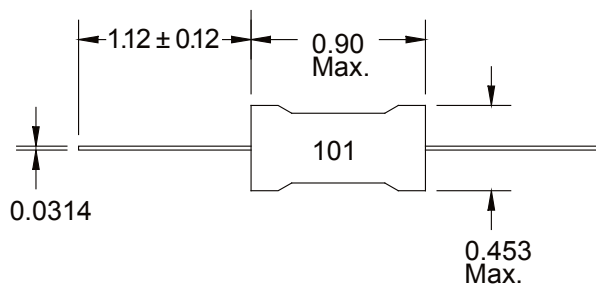
Special Features

- High current capacity
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dielectric strength 2500 Vrms
- Operating temperature -40 to +125 °C

Notes

- * Saturation current to cause 10 % max. inductance drop
- ** Rated current to cause 35 °C max. temperature rise

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



Dimensions: Inches



WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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5900 Series					
Part Number	L (μH) @1 kHz/ 0.25 V ±10 %	DCR Ω Max.	SRF (MHz) Typ.	I sat.* (A)	I rated** (A)
5900-3R9-RC	3.9	0.012	80.00	14.4	5.9
5900-4R7-RC	4.7	0.014	70.00	13.0	5.7
5900-5R6-RC	5.6	0.015	65.00	11.8	5.4
5900-6R8-RC	6.8	0.016	60.00	10.8	5.2
5900-8R2-RC	8.2	0.017	55.00	10.0	5.0
5900-100-RC	10	0.019	50.00	8.7	4.7
5900-120-RC	12	0.021	40.00	8.1	4.6
5900-150-RC	15	0.025	35.00	6.8	4.2
5900-180-RC	18	0.027	30.00	6.2	4.0
5900-220-RC	22	0.030	20.00	5.7	3.8
5900-270-RC	27	0.032	10.00	5.2	3.6
5900-330-RC	33	0.037	9.50	4.6	3.4
5900-390-RC	39	0.039	7.50	4.3	3.3
5900-470-RC	47	0.045	6.50	3.8	3.1
5900-560-RC	56	0.050	5.50	3.5	2.9
5900-680-RC	68	0.056	4.50	3.2	2.8
5900-820-RC	82	0.078	3.50	2.9	2.3
5900-101-RC	100	0.086	3.00	2.7	2.2
5900-121-RC	120	0.097	2.50	2.4	2.1
5900-151-RC	150	0.110	2.20	2.1	2.0
5900-181-RC	180	0.140	2.00	2.0	1.7
5900-221-RC	220	0.185	1.90	1.8	1.5
5900-271-RC	270	0.210	1.70	1.6	1.4
5900-331-RC	330	0.285	1.50	1.4	1.2
5900-391-RC	390	0.310	1.30	1.3	1.2
5900-471-RC	470	0.420	1.20	1.2	1.0
5900-561-RC	560	0.460	1.10	1.1	1.0
5900-681-RC	680	0.515	1.00	1.0	0.90
5900-821-RC	820	0.580	0.90	0.92	0.85
5900-102-RC	1000	0.830	0.80	0.83	0.71
5900-122-RC	1200	0.910	0.75	0.76	0.68
5900-152-RC	1500	1.33	0.70	0.68	0.56
5900-182-RC	1800	1.50	0.60	0.62	0.53
5900-222-RC	2200	1.70	0.55	0.56	0.50
5900-272-RC	2700	2.50	0.50	0.51	0.41
5900-332-RC	3300	2.80	0.45	0.46	0.39
5900-392-RC	3900	3.10	0.42	0.42	0.37
5900-472-RC	4700	3.70	0.40	0.38	0.34
5900-562-RC	5600	4.10	0.37	0.35	0.32
5900-682-RC	6800	5.40	0.35	0.32	0.28
5900-822-RC	8200	6.00	0.32	0.29	0.26
5900-103-RC	10,000	7.60	0.30	0.26	0.23
5900-123-RC	12,000	8.50	0.27	0.24	0.22
5900-153-RC	15,000	11.5	0.25	0.21	0.19
5900-183-RC	18,000	14.0	0.22	0.20	0.17
5900-223-RC	22,000	18.0	0.20	0.18	0.15
5900-273-RC	27,000	22.0	0.17	0.16	0.14
5900-333-RC	33,000	25.0	0.15	0.14	0.13
5900-393-RC	39,000	31.0	0.14	0.13	0.12
5900-473-RC	47,000	40.0	0.13	0.12	0.10
5900-563-RC	56,000	45.0	0.12	0.11	0.10
5900-683-RC	68,000	58.0	0.10	0.10	0.080
5900-823-RC	82,000	65.0	0.09	0.092	0.079
5900-104-RC	100,000	82.0	0.08	0.083	0.070

“-RC” suffix indicates RoHS compliance.

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