† RoHS COMPLIANT

High Current Chokes

Special Features

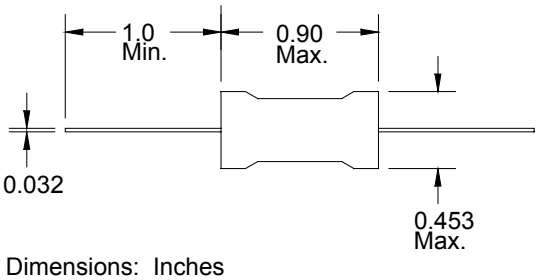
- High current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dash No. marking for identification
- Dielectric strength 2500 Vrms
- Operating temperature -55 to +105 °C
- Test frequency 1 KHz

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.



Dimensions: Inches

5900 Series				
Part Number	L (µH) ±10 %	DCR Ω Max.	I sat.* (A)	I rated** (A)
5900-3R9-RC	3.9	0.007	15.5	4.0
5900-4R7-RC	4.7	0.008	13.9	4.0
5900-5R6-RC	5.6	0.011	12.6	4.0
5900-6R8-RC	6.8	0.011	11.6	4.0
5900-8R2-RC	8.2	0.013	9.89	4.0
5900-100-RC	10	0.017	8.70	4.0
5900-120-RC	12	0.019	8.21	4.0
5900-150-RC	15	0.022	7.34	4.0
5900-180-RC	18	0.023	6.64	4.0
5900-220-RC	22	0.026	6.07	4.0
5900-270-RC	27	0.027	5.36	4.0
5900-330-RC	33	0.032	4.82	4.0
5900-390-RC	39	0.033	4.36	4.0
5900-470-RC	47	0.035	3.98	4.0
5900-560-RC	56	0.037	3.66	3.2
5900-680-RC	68	0.047	3.31	2.5
5900-820-RC	82	0.060	3.10	2.0
5900-101-RC	100	0.090	2.79	1.6
5900-121-RC	120	0.113	2.54	1.6
5900-151-RC	150	0.129	2.22	1.6
5900-181-RC	180	0.150	1.98	1.6
5900-221-RC	220	0.162	1.89	1.6
5900-271-RC	270	0.208	1.63	1.6
5900-331-RC	330	0.212	1.51	1.6
5900-391-RC	390	0.281	1.39	1.6
5900-471-RC	470	0.380	1.24	1.2
5900-561-RC	560	0.420	1.17	1.0
5900-681-RC	680	0.548	1.05	1.0
5900-821-RC	820	0.655	0.97	0.8
5900-102-RC	1000	0.844	0.87	0.8
5900-122-RC	1200	1.04	0.79	0.6
5900-152-RC	1500	1.18	0.70	0.6
5900-182-RC	1800	1.56	0.64	0.6
5900-222-RC	2200	2.00	0.58	0.5
5900-272-RC	2700	2.06	0.53	0.4
5900-332-RC	3300	2.53	0.47	0.4
5900-392-RC	3900	2.75	0.43	0.4
5900-472-RC	4700	3.19	0.39	0.4
5900-562-RC	5600	3.92	0.359	0.315
5900-682-RC	6800	5.69	0.322	0.250
5900-822-RC	8200	6.32	0.293	0.250
5900-103-RC	10,000	7.30	0.266	0.250
5900-123-RC	12,000	9.21	0.241	0.200
5900-153-RC	15,000	10.5	0.214	0.200
5900-183-RC	18,000	14.8	0.198	0.158
5900-223-RC	22,000	21.8	0.180	0.125
5900-273-RC	27,000	22.7	0.162	0.125
5900-333-RC	33,000	25.7	0.146	0.125
5900-393-RC	39,000	31.8	0.135	0.100
5900-473-RC	47,000	36.1	0.122	0.100
5900-563-RC	56,000	40.9	0.112	0.100
5900-683-RC	68,000	57.3	0.101	0.082
5900-823-RC	82,000	79.3	0.090	0.065
5900-104-RC	100,000	89.7	0.081	0.065

"-RC" suffix indicates RoHS compliance.

Mouser Electronics

Authorized Distributor

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Bourns:

5900-100 5900-101 5900-102 5900-103 5900-104 5900-120 5900-121 5900-122 5900-123 5900-150 5900-151
5900-152 5900-153 5900-180 5900-181 5900-183 5900-220 5900-221 5900-222 5900-223 5900-270 5900-271
5900-272 5900-273 5900-330 5900-331 5900-332 5900-333 5900-390 5900-391 5900-392 5900-393 5900-3R9
5900-470 5900-471 5900-472 5900-473 5900-560 5900-561 5900-562 5900-563 5900-5R6 5900-680 5900-681
5900-682 5900-683 5900-6R8 5900-820 5900-821 5900-822 5900-823 5900-8R2 5900-182 5900-4R7