

# 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.



5900 Series					
Part Number	L (μH) ±10 %	DCR		I sat.* (A)	I rated** (A)
		Ω	Max.		
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.