



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# High Current RF Chokes

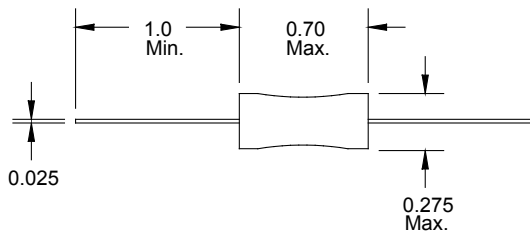
## Special Features

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

## Notes

\* Saturation current to cause 10% maximum inductance drop

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



5800 Series				
Part Number	L (μH) ±10%	DCR Ω Max.	I sat.* (A)	I rated** (A)
5800-3R9	3.9	0.019	7.3	1.28
5800-4R7	4.7	0.022	6.3	1.28
5800-5R6	5.6	0.024	5.6	1.28
5800-6R8	6.8	0.026	5.3	1.28
5800-8R2	8.2	0.028	4.5	1.28
5800-100	10	0.033	4.1	1.28
5800-120	12	0.037	3.6	1.28
5800-150	15	0.040	3.3	1.28
5800-180	18	0.044	3.0	1.28
5800-220	22	0.050	2.7	1.28
5800-270	27	0.058	2.5	1.28
5800-330	33	0.075	2.2	1.008
5800-390	39	0.094	2.0	0.804
5800-470	47	0.109	1.8	0.804
5800-560	56	0.140	1.7	0.804
5800-680	68	0.145	1.5	0.804
5800-820	82	0.152	1.4	0.804
5800-101	100	0.208	1.2	0.632
5800-121	120	0.283	1.1	0.508
5800-151	150	0.34	1.0	0.508
5800-181	180	0.362	0.95	0.508
5800-221	220	0.43	0.86	0.508
5800-271	270	0.557	0.77	0.400
5800-331	330	0.665	0.70	0.400
5800-391	390	0.772	0.64	0.400
5800-471	470	1.15	0.59	0.315
5800-561	560	1.27	0.54	0.315
5800-681	680	1.61	0.49	0.250
5800-821	820	1.96	0.44	0.200
5800-102	1000	2.3	0.40	0.200
5800-122	1200	2.65	0.35	0.200
5800-152	1500	3.45	0.33	0.158
5800-182	1800	4.03	0.29	0.158
5800-222	2200	4.48	0.27	0.158
5800-272	2700	5.9	0.24	0.125
5800-332	3300	6.56	0.22	0.125
5800-392	3900	8.63	0.20	0.100
5800-472	4700	10.5	0.18	0.100
5800-562	5600	13.9	0.166	0.082
5800-682	6800	16.3	0.151	0.082
5800-822	8200	20.8	0.136	0.065
5800-103	10,000	26.4	0.125	0.050
5800-123	12,000	29.9	0.114	0.050
5800-153	15,000	42.5	0.098	0.039
5800-183	18,000	48.3	0.091	0.039

Also available as RoHS compliant.

**J.W. Miller**  
MAGNETICS

306 E. Alondra Blvd. Gardena, CA 90247-1059 • Phone (310) 515-1720 • FAX (310) 515-1962

www.jwmiller.com