

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bourns Inc.](#)  
[5800-3R9](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## High Current RF Chokes

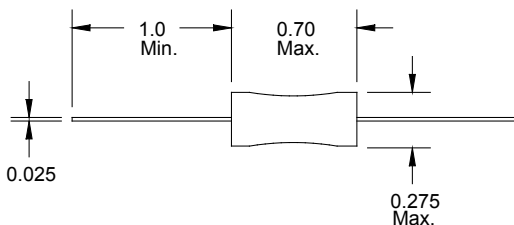
### Special Features

- 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.