

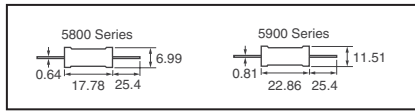
L (µH)	Q Min.	Test Freq. (MHz)	I, dc Max. (mA)	DCR Ω Max.	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
10,000	40	0.25	24	137	M10084-ND	1.17 .84	9250A-106-RC
12,000	30	0.079	23	143	M10089-ND	1.17 .84	9250A-126-RC
22,000	27	0.079	17	274	M10104-ND	1.17 .84	9250A-226-RC
27,000	27	0.079	16	308	M10108-ND	1.17 .84	9250A-276-RC
33,000	27	0.079	15	343	M10114-ND	1.17 .84	9250A-336-RC
47,000	23	0.079	13	473	M10122-ND	1.17 .84	9250A-476-RC
56,000	23	0.079	13	512	M10125-ND	1.17 .84	9250A-566-RC
68,000	23	0.079	12	580	M10128-ND	1.17 .84	9250A-686-RC
82,000	21	0.079	11	618	M10134-ND	1.00 .76	9250A-826-RC
100,000	18	0.079	11	678	M10085-ND	1.00 .76	9250A-107-RC

◆ RoHS Compliant

Filter and Miniature High Current Chokes

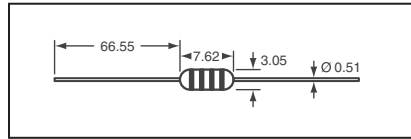


Inductance ± 15% @ 1kHz. Coils finished with sleeving VW1 Rated. Leads No. 20 tinned copper 1" long minimum
Ambient Temperature: -55°C ~ 125°C



L (µH) ±10%	Max. DCR Ω @ +20°C	Rated Current Amp	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
5800 Series					
3.9	.019	1.28	M8276-ND	.97 .73	5800-3R9-RC
4.7	.022	1.28	M8277-ND	.97 .73	5800-4R7-RC
10	.033	1.28	M8278-ND	.97 .73	5800-100-RC
12	.037	1.28	M8279-ND	.97 .73	5800-120-RC
15	.040	1.28	M8280-ND	.97 .73	5800-150-RC
18	.044	1.28	M8281-ND	.97 .73	5800-180-RC
22	.050	1.28	M8282-ND	.97 .73	5800-220-RC
27	.058	1.28	M8283-ND	.97 .73	5800-270-RC
33	.075	1.008	M8284-ND	.97 .73	5800-330-RC
39	.094	0.804	M8285-ND	.97 .73	5800-390-RC
47	.109	0.804	M8286-ND	.97 .73	5800-470-RC
56	.140	0.804	M8287-ND	.97 .73	5800-560-RC
68	.145	0.804	M8288-ND	.97 .73	5800-680-RC
82	.152	0.804	M8289-ND	.97 .73	5800-820-RC
100	.208	0.632	M8290-ND	.97 .73	5800-101-RC
120	.283	0.508	M8291-ND	.97 .73	5800-121-RC
150	.340	0.508	M8292-ND	.97 .73	5800-151-RC
180	.362	0.508	M8293-ND	.97 .73	5800-181-RC
220	.430	0.508	M8294-ND	.97 .73	5800-221-RC
270	.557	0.400	M8295-ND	.97 .73	5800-271-RC
330	.665	0.400	M8296-ND	.97 .73	5800-331-RC
390	.772	0.400	M8297-ND	.97 .73	5800-391-RC
470	1.15	0.315	M8298-ND	.97 .73	5800-471-RC
560	1.27	0.315	M8299-ND	.97 .73	5800-561-RC
680	1.61	0.250	M8300-ND	.97 .73	5800-681-RC
1,000	2.30	0.200	M8301-ND	.97 .73	5800-102-RC
1,200	2.65	0.200	M8302-ND	.97 .73	5800-122-RC
1,500	3.45	0.158	M8303-ND	.97 .73	5800-152-RC
1,800	4.03	0.158	M8304-ND	.97 .73	5800-182-RC
2,200	4.48	0.158	M8305-ND	.97 .73	5800-222-RC
2,700	5.90	0.125	M8306-ND	.97 .73	5800-272-RC
3,300	6.56	0.125	M8307-ND	.97 .73	5800-332-RC
3,900	8.63	0.100	M8308-ND	.97 .73	5800-392-RC
4,700	10.5	0.100	M8309-ND	.97 .73	5800-472-RC
5,600	13.9	0.082	M8310-ND	.97 .73	5800-562-RC
6,800	16.3	0.082	M8311-ND	.97 .73	5800-682-RC
8,200	20.8	0.065	M8312-ND	.97 .73	5800-822-RC
10,000	26.4	0.050	M8313-ND	.97 .73	5800-103-RC
15,000	42.5	0.039	M8314-ND	.97 .73	5800-153-RC
18,000	48.3	0.039	M8315-ND	.97 .73	5800-183-RC
5900 Series					
3.9	.007	4.0	M8316-ND	1.72 1.23	5900-3R9-RC
4.7	.008	4.0	M8317-ND	1.72 1.23	5900-4R7-RC
10	.017	4.0	M8318-ND	1.72 1.23	5900-100-RC
22	.026	4.0	M8319-ND	1.72 1.23	5900-220-RC
33	.032	4.0	M8320-ND	1.72 1.23	5900-330-RC
47	.035	4.0	M8321-ND	1.72 1.23	5900-470-RC
68	.047	2.5	M8322-ND	1.72 1.23	5900-680-RC
82	.060	2.0	M8323-ND	1.72 1.23	5900-820-RC
100	.090	1.6	M8324-ND	1.72 1.23	5900-101-RC
150	.129	1.6	M8325-ND	1.72 1.23	5900-151-RC
180	.150	1.6	M8326-ND	1.72 1.23	5900-181-RC
220	.162	1.6	M8327-ND	1.72 1.23	5900-221-RC
330	.212	1.6	M8328-ND	1.72 1.23	5900-331-RC
390	.281	1.6	M8329-ND	1.72 1.23	5900-391-RC
470	.380	1.2	M8330-ND	1.72 1.23	5900-471-RC
680	.548	1.0	M8331-ND	1.72 1.23	5900-681-RC
1,000	.844	0.8	M8332-ND	1.72 1.23	5900-102-RC
2,200	2.00	0.5	M8333-ND	1.72 1.23	5900-222-RC
3,900	2.75	0.4	M8334-ND	1.72 1.23	5900-392-RC
4,700	3.19	0.4	M8335-ND	1.72 1.23	5900-472-RC
10,000	7.30	0.250	M8336-ND	1.47 1.11	5900-103-RC
100,000	89.7	0.065	M8337-ND	1.47 1.11	5900-104-RC

Epoxy Conformal Coated Inductors



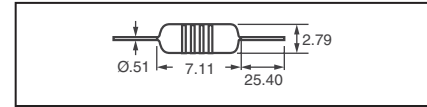
Lz (µH)	Q Min.	Test Freq. (MHz)	I, dc Max. (mA)	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
Phenolic Core						
.10	40	25.0	1100	M8001-ND	2.00 1.60	8230-94
.10	40	25.0	1100	M8159-ND	2.00 1.60	8230-94-RC
.18	35	25.0	1010	M8004-ND	2.00 1.60	8230-02
.18	35	25.0	1010	M8160-ND	2.00 1.60	8230-02-RC
.22	33	25.0	935	M8005-ND	2.00 1.60	8230-04
.22	33	25.0	935	M8161-ND	2.00 1.60	8230-04-RC
.27	33	25.0	875	M8162-ND	2.00 1.60	8230-06-RC
.33	30	25.0	780	M8163-ND	2.00 1.60	8230-08-RC
.39	30	25.0	640	M8008-ND	2.00 1.60	8230-10
.39	30	25.0	640	M8164-ND	2.00 1.60	8230-10-RC
.47	30	25.0	590	M8165-ND	2.00 1.60	8230-12-RC
.56	30	25.0	495	M8010-ND	2.00 1.60	8230-14
.56	30	25.0	495	M8166-ND	2.00 1.60	8230-14-RC
.68	28	25.0	450	M8167-ND	2.00 1.60	8230-16-RC
.82	28	25.0	380	M8012-ND	2.00 1.60	8230-18
.82	28	25.0	380	M8168-ND	2.00 1.60	8230-18-RC
1.00	25	25.0	350	M8169-ND	2.00 1.60	8230-20-RC
Iron Core						
1.20	25	7.9	825	M8170-ND	1.60 1.20	8230-22-RC
1.50	28	7.9	745	M8171-ND	1.60 1.20	8230-24-RC
1.80	30	7.9	640	M8172-ND	1.60 1.20	8230-26-RC
2.20	30	7.9	550	M8173-ND	1.60 1.20	8230-28-RC
2.70	37	7.9	495	M8174-ND	1.60 1.20	8230-30-RC
3.30	45	7.9	380	M8175-ND	1.60 1.20	8230-32-RC
3.90	45	7.9	350	M8020-ND	1.60 1.20	8230-34
3.90	45	7.9	350	M8176-ND	1.60 1.20	8230-34-RC
4.70	45	7.9	320	M8177-ND	1.60 1.20	8230-36-RC
5.60	50	7.9	260	M8022-ND	1.60 1.20	8230-38
5.60	50	7.9	260	M8178-ND	1.60 1.20	8230-38-RC
6.80	50	7.9	245	M8179-ND	1.60 1.20	8230-40-RC
8.20	55	7.9	210	M8180-ND	1.60 1.20	8230-42-RC
10.00	55	7.9	180	M8181-ND	1.60 1.20	8230-44-RC
12.00	45	2.5	210	M8026-ND	.86 .71	8230-46
12.00	45	2.5	210	M8182-ND	1.60 1.20	8230-46-RC
15.00	45	2.5	205	M8183-ND	1.60 1.20	8230-48-RC
18.00	50	2.5	195	M8184-ND	1.60 1.20	8230-50-RC
22.00	50	2.5	190	M8185-ND	1.60 1.20	8230-52-RC
27.00	50	2.5	185	M8186-ND	1.60 1.20	8230-54-RC
Ferrite Core						
33.00	45	2.5	187	M8187-ND	1.97 1.49	8230-56-RC
39.00	45	2.5	180	M8032-ND	1.97 1.49	8230-58
39.00	45	2.5	180	M8188-ND	1.97 1.49	8230-58-RC
47.00	45	2.5	165	M8189-ND	1.97 1.49	8230-60-RC
56.00	45	2.5	145	M8034-ND	1.97 1.49	8230-62
56.00	45	2.5	145	M8190-ND	1.97 1.49	8230-62-RC
68.00	50	2.5	135	M8035-ND	1.97 1.49	8230-64
68.00	50	2.5	135	M8191-ND	1.97 1.49	8230-64-RC
82.00	50	2.5	130	M8036-ND	1.97 1.49	8230-66
82.00	50	2.5	130	M8192-ND	1.97 1.49	8230-66-RC
100.00	50	2.5	125	M8193-ND	1.97 1.49	8230-68-RC
120.00	30	.79	97	M8038-ND	1.97 1.49	8230-70
120.00	30	.79	97	M8194-ND	1.97 1.49	8230-70-RC
150.00	30	.79	85	M8195-ND	1.97 1.49	8230-72-RC
180.00	30	.79	79	M8040-ND	1.97 1.49	8230-74
180.00	30	.79	79	M8196-ND	1.97 1.49	8230-74-RC
220.00	30	.79	73	M8041-ND	1.97 1.49	8230-76
220.00	30	.79	73	M8197-ND	1.97 1.49	8230-76-RC
270.00	30	.79	65	M8042-ND	1.97 1.49	8230-78
270.00	30	.79	65	M8198-ND	1.97 1.49	8230-78-RC
330.00	30	.79	62	M8199-ND	1.97 1.49	8230-80-RC
390.00	30	.79	55	M8044-ND	1.97 1.49	8230-82
390.00	30	.79	55	M8200-ND	1.97 1.49	8230-82-RC
470.00	30	.79	50	M8201-ND	1.97 1.49	8230-84-RC
560.00	30	.79	48	M8046-ND	1.97 1.49	8230-86
560.00	30	.79	48	M8202-ND	1.97 1.49	8230-86-RC
680.00	30	.79	42	M8047-ND	1.97 1.49	8230-88
680.00	30	.79	42	M8203-ND	1.97 1.49	8230-88-RC
820.00	30	.79	40	M8204-ND	1.97 1.49	8230-90-RC
1,000.00	30	.79	38	M8205-ND	1.97 1.49	8230-92-RC

◆ RoHS Compliant

Epoxy Conformal Coated Inductors

Specifications:

- Operating Temperature: -55°C ~ 105°C • Working Voltage: 250VDC maximum • Material: Coating-Epoxy Leads-Tinned Copper
- Core Material: Ferrite



Lz (µH)	Q Min.	Test Freq. (MHz)	I, dc Max. (mA)	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
.10	40	25.0	500	M10147-ND	.22 .18	78FR10M-RC
.18	40	25.0	450	M7804-ND	.18 .15	78FR18M
.22*	40	25.0	1025	M10148-ND	.22 .18	78FR22K-RC
1.0	40	25.0	385	M10137-ND	.22 .18	78FR10K-RC
2.2	50	7.9	395	M10140-ND	.22 .18	78FR22K-RC
4.7	45	7.9	230	M10143-ND	.22 .18	78FR47J-RC
8.2	40	7.9	155	M10146-ND	.22 .18	78FR82J-RC
10	40	7.9	130	M10135-ND	.22 .18	78FR100J-RC
22	50	2.5	140	M10138-ND	.22 .18	78FR220J-RC
47	60	2.5	167	M101		