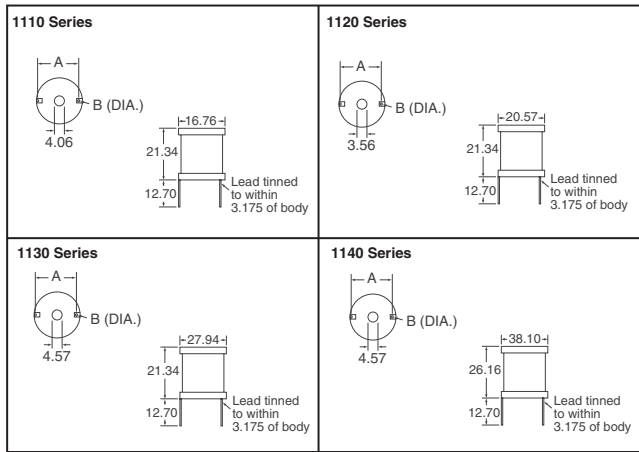


High Current RF Chokes
1110, 1120, 1130 and 1140 Series



L (uH) ±20% @ 1kHz	DCR (Ω) Max.	I _{dc} (A)	Dimension - mm		Digi-Key Part No.	Price Each			J.W. Miller Part No.
			A Approx.	B Nom.		1	10	25	
1110 Series 10%									
10.00	0.01	9.00	13.97	1.27	M8338-ND	2.29	1.72	1.53	1110-100K-RC
12.00	0.01	9.00	13.97	1.27	M8339-ND	2.29	1.72	1.53	1110-120K-RC
15.00	0.02	7.20	13.46	1.27	M8340-ND	2.29	1.72	1.53	1110-150K-RC
22.00	0.02	5.50	13.46	1.27	M8341-ND	2.29	1.72	1.53	1110-220K-RC
47.00	0.06	2.80	13.46	1.02	M8342-ND	2.29	1.72	1.53	1110-470K-RC
100.00	0.10	2.80	12.70	0.76	M8343-ND	2.29	1.72	1.53	1110-101K-RC
150.00	0.18	1.60	12.70	0.76	M8344-ND	2.29	1.72	1.53	1110-151K-RC
220.00	0.24	1.60	12.70	0.76	M8345-ND	2.29	1.72	1.53	1110-221K-RC
330.00	0.34	1.30	11.94	0.51	M8346-ND	2.29	1.72	1.53	1110-331K-RC
560.00	0.70	0.80	11.94	0.51	M8347-ND	2.29	1.72	1.53	1110-561K-RC
1110 Series 20%									
4.70	0.01	11.40	16.00	1.52	M8348-ND	3.22	2.42	2.15	1120-4R7M-RC
1120 Series 10%									
10.00	0.01	11.40	16.00	1.52	M8349-ND	3.22	2.42	2.15	1120-100K-RC
12.00	0.01	11.40	16.00	1.52	M8350-ND	3.22	2.42	2.15	1120-120K-RC
47.00	0.04	5.50	15.75	1.27	M8351-ND	3.22	2.42	2.15	1120-470K-RC
68.00	0.05	4.80	15.75	1.02	M8352-ND	3.22	2.42	2.15	1120-680K-RC
82.00	0.06	4.80	15.75	1.02	M8353-ND	3.22	2.42	2.15	1120-820K-RC
100.00	0.08	4.00	15.75	1.02	M8354-ND	3.22	2.42	2.15	1120-101K-RC
150.00	0.10	4.00	15.75	0.76	M8355-ND	3.22	2.42	2.15	1120-151K-RC
220.00	0.15	2.80	15.75	0.76	M8356-ND	3.22	2.42	2.15	1120-221K-RC
270.00	0.21	2.00	15.24	0.76	M8357-ND	3.22	2.42	2.15	1120-271K-RC
470.00	0.36	1.60	15.24	0.76	M8358-ND	3.22	2.42	2.15	1120-471K-RC
1000.00	0.82	1.00	15.24	0.51	M8359-ND	3.22	2.42	2.15	1120-102K-RC
1500.00	1.26	0.80	15.24	0.51	M8360-ND	3.22	2.42	2.15	1120-152K-RC
1130 Series 20%									
1.20	0.00	21.00	20.32	2.03	M8361-ND	4.90	3.68	3.27	1130-1R2M-RC
8.20	0.00	21.00	20.83	2.03	M8362-ND	4.90	3.68	3.27	1130-8R2M-RC
1130 Series 10%									
10.00	0.01	17.00	20.83	2.03	M8363-ND	4.90	3.68	3.27	1130-100K-RC
39.00	0.02	11.40	20.07	1.52	M8364-ND	4.90	3.68	3.27	1130-390K-RC
100.00	0.03	9.00	20.07	1.27	M8365-ND	4.90	3.68	3.27	1130-101K-RC
120.00	0.05	7.20	20.07	1.27	M8366-ND	4.90	3.68	3.27	1130-121K-RC
220.00	0.08	5.50	19.56	1.02	M8367-ND	4.90	3.68	3.27	1130-221K-RC
470.00	0.19	4.00	19.56	1.02	M8368-ND	4.90	3.68	3.27	1130-471K-RC
560.00	0.21	4.00	19.56	0.76	M8369-ND	4.90	3.68	3.27	1130-561K-RC
680.00	0.26	2.80	19.56	0.76	M8370-ND	4.90	3.68	3.27	1130-681K-RC

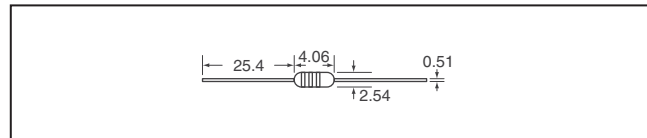
L (uH) ±20% @ 1kHz	DCR (Ω) Max.	I _{dc} (A)	Dimension - mm		Digi-Key Part No.	Price Each			J.W. Miller Part No.
			A Approx.	B Nom.		1	10	25	
1500.00	0.52	2.00	19.05	0.76	M8371-ND	4.90	3.68	3.27	1130-152K-RC
3300.00	1.27	1.30	19.05	0.51	M8372-ND	4.90	3.68	3.27	1130-332K-RC
4700.00	1.86	1.00	19.05	0.51	M8373-ND	4.90	3.68	3.27	1130-472K-RC
1140 Series 10%									
18.00	0.01	27.00	29.21	2.03	M8374-ND	6.94	6.18	5.40	1140-180K-RC
33.00	0.01	21.00	29.21	1.78	M8375-ND	6.94	6.18	5.40	1140-330K-RC
68.00	0.02	14.40	29.21	1.52	M8376-ND	6.94	6.18	5.40	1140-680K-RC
100.00	0.03	14.40	29.21	1.52	M8377-ND	6.94	6.18	5.40	1140-101K-RC
120.00	0.03	14.40	29.21	1.52	M8378-ND	6.94	6.18	5.40	1140-121K-RC
220.00	0.05	11.40	29.21	1.27	M8379-ND	6.94	6.18	5.40	1140-221K-RC
330.00	0.07	11.40	29.21	1.27	M8380-ND	6.94	6.18	5.40	1140-331K-RC
820.00	0.15	7.20	29.21	1.02	M8381-ND	6.94	6.18	5.40	1140-821K-RC
1200.00	0.23	5.50	28.96	1.02	M8382-ND	6.94	6.18	5.40	1140-122K-RC
2200.00	0.49	4.00	27.94	0.76	M8383-ND	6.94	6.18	5.40	1140-222K-RC
3900.00	0.85	2.80	27.94	0.76	M8384-ND	6.94	6.18	5.40	1140-392K-RC
4700.00	1.14	2.00	28.45	0.76	M8385-ND	6.94	6.18	5.40	1140-472K-RC
10,000.00	2.76	1.30	28.19	0.51	M8386-ND	6.94	6.18	5.40	1140-103K-RC
15,000.00	3.39	1.30	27.94	0.51	M8387-ND	6.94	6.18	5.40	1140-153K-RC

Conformal Coated RF Chokes

Features:

- Epoxy coating
- Operating Temperature: -55°C - 105°C

Dimensions in mm



L (uH) 20%	Q	Test Freq. (MHz)	I _{dc} Max. (mA)	Digi-Key Part No.	Pricing		Tape & Box†		J.W. Miller Part No.
					1	10	Qty	Pricing	
0.10	35	25	700	M8110CT-ND◆	.22	2.07	2,000	65.34/M	79FR10M-TR-RC
0.12	35	25	660	M8111-ND◆	.22	1.74	—	—	79FR12M-RC
0.18	35	25	600	M8113-ND◆	.22	1.74	—	—	79FR18M-RC
0.22	35	25	400	M8114-ND◆	.22	1.74	—	—	79FR22M-RC
0.33	35	25	370	M8116-ND◆	.22	1.74	—	—	79FR33M-RC
0.39	35	25	350	M1357-ND	.17	1.52	—	—	79FR39M
0.47	35	25	330	M8118-ND◆	.22	1.74	—	—	79FR47M-RC
0.68	35	25	310	M8120-ND◆	.22	1.74	—	—	79FR68M-RC

◆ RoHS Compliant † For Tape and Box part number, change CT-ND to TB-ND.

L (uH) 10%	Q	Test Freq. (MHz)	I _{dc} Max. (mA)	Digi-Key Part No.	Cut Tape Pricing		Tape & Box†		J.W. Miller Part No.
					1	10	Qty	Pricing	
1.0	35	25	270	M8122CT-ND◆	.22	2.07	2,000	65.34/M	79F1R0K-TR-RC
1.2	40	7.9	260	M8123-ND◆	.22	1.74	—	—	79F1R2K-RC
1.5	40	7.9	250	M8124-ND◆	.22	1.74	—	—	79F1R5K-RC
1.8	40	7.9	240	M8125CT-ND◆	.22	1.96	2,000	65.34/M	79F1R8K-TR-RC
4.7	40	7.9	190	M8130CT-ND◆	.22	1.96	2,000	65.34/M	79F4R7K-TR-RC
15	40	2.5	145	M8136-ND◆	.22	1.74	—	—	79F150K-RC
27	40	2.5	80	M8139CT-ND◆	.22	1.96	2,000	65.34/M	79F270K-TR-RC
39	40	2.5	74	M1381-ND	.17	1.52	—	—	79F390K
39	40	2.5	74	M8141-ND◆	.22	1.74	—	—	79F390K-RC
47	40	2.5	70	M8142CT-ND◆	.22	1.96	2,000	65.34/M	79F470K-TR-RC
56	40	2.5	68	M8143CT-ND◆	.22	1.96	2,000	65.34/M	79F560K-TR-RC
100	40	2.5	44	M8146CT-ND◆	.22	1.96	2,000	65.34/M	79F101K-TR-RC
120	40	0.79	42	M8147-ND◆	.22	1.74	—	—	79F121K-RC
150	40	0.79	39	M8148-ND◆	.22	1.74	—	—	79F151K-RC
220	40	0.79	35	M8150CT-ND◆	.22	1.96	2,000	65.34/M	79F221K-TR-RC

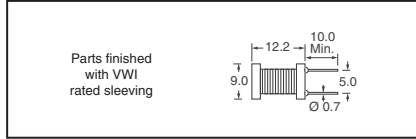
◆ RoHS Compliant † For Tape and Box part number, change CT-ND to TB-ND.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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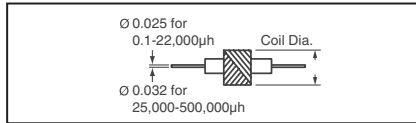
(UK091) 1449

Radial Lead High Current RF Chokes



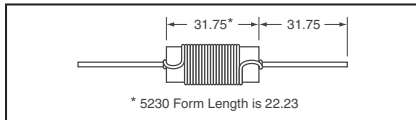
L (µH)	Q	Test Freq. (MHz)	I, dc Max. (A)	R, dc Max. (Ω)	Digi-Key Part No.	Price Each 1	Price Each 10	J.W. Miller Part No.
39	30	2.52	1.85	.10	M8623-ND	.73	.55	6000-390K-RC

Coiled RF Chokes



L (µH)	Q	Test Freq. (MHz)	I, dc Max. (mA)	DCR Ω	Digi-Key Part No.	Price Each 1	Price Each 10	J.W. Miller Part No.
Iron Core								
1.0†	41	25	2041	4.19	M8388-ND	.91	.73	70F106AI-RC
2.2††	43	7.9	1132	4.06	M8398-ND	.91	.73	70F226AI-RC
3.3††	40	7.9	912	3.81	M8403-ND	.91	.73	70F336AI-RC
4.7††	43	7.9	661	3.81	M8409-ND	.91	.73	70F476AI-RC
6.8††	40	7.9	566	3.81	M8412-ND	.91	.73	70F686AI-RC
10††	36	7.9	277	4.06	M8389-ND	.87	.66	70F105AI-RC
22	51	2.5	229	4.19	M8394-ND	.87	.66	70F225AI-RC
33	50	2.5	208	4.32	M8399-ND	.87	.66	70F335AI-RC
47	44	2.5	188	4.44	M8404-ND	.87	.66	70F475AI-RC
100	25	2.5	139	4.19	M8390-ND	1.10	.83	70F104AI-RC
470	35	.79	95	4.70	M8405-ND	1.10	.83	70F474AI-RC
1,000	30	.79	79	5.71	M8391-ND	1.22	.92	70F103AI-RC
2,200	40	25	57	6.10	M8395-ND	1.22	.92	70F223AI-RC
3,300	52	2.5	53	6.60	M8400-ND	1.22	.92	70F333AI-RC
4,700	49	2.5	48	7.24	M8406-ND	1.22	.92	70F473AI-RC
6,800	51	2.5	43	7.87	M8410-ND	1.22	.92	70F683AI-RC
10,000	41	2.5	38	8.51	M8392-ND	1.45	1.09	70F102AI-RC
22,000	50	.079	41	8.38	M8396-ND	1.27	.91	70F222AI-RC
Ferrite Core								
33,000	61	.079	43	8.97	M8401-ND	1.27	.91	70F332AF-RC
47,000	57	.079	38	9.75	M8407-ND	1.27	.91	70F472AF-RC
68,000	57	.079	34	10.54	M8411-ND	1.27	.91	70F682AF-RC
100,000	48	.079	29	11.33	M8393-ND	2.37	1.69	70F101AF-RC
220,000	51	.025	39	13.72	M8397-ND	1.27	.91	70F221AF-RC
330,000	54	.025	34	14.73	M8402-ND	2.37	1.69	70F331AF-RC
470,000	55	.025	30	15.62	M8408-ND	2.37	1.69	70F471AF-RC

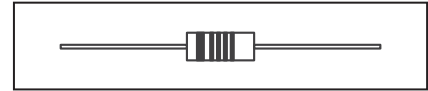
Hash Chokes



L (µH)	R, dc Max. (Ω)	I, dc Max. (A)	Coil Dia. Max. (mm)	Digi-Key Part No.	Price Each 1	Price Each 10	J.W. Miller Part No.
Ferrite Core							
4	.012	8	9.65	M8268-ND	1.42	1.07	5230-RC
40	.082	3	7.87	M8269-ND	1.42	1.07	5240-RC
68	.054	5	14.22	M8270-ND	1.25	.89	5248-RC
100	.216	2	9.65	M8271-ND	1.25	.89	5250-RC
125	.08	3.5	12.70	M8272-ND	1.25	.89	5252-RC
250	.17	2.5	11.18	M8273-ND	1.25	.89	5254-RC
500	.26	2	14.22	M8274-ND	1.25	.89	5256-RC
1,000	.55	1	12.70	M8275-ND	1.25	.89	5258-RC

Molded RF Chokes

9230 Series:
Form Length: 6.35mm; Form Diameter: 2.41mm; Lead Length: 38.10mm; Tolerance: ±10%
9250 Series:
Form Length: 10.41mm; Form Diameter: 4.11mm; Lead Length: 25.4mm; Tolerance: ±10%
9250A Series:
Form Length: 10.41mm; Form Diameter: 4.11mm; Lead Length: 25.4mm; Tolerance: ±10%. The 9250A uses a ferrite compound for the shield, as opposed to the 9250 which uses a ferrite sleeve.



L (µH)	Q	Test Freq. (MHz)	I, dc Max. (mA)	DCR Ω	Digi-Key Part No.	Price Each 1	Price Each 10	J.W. Miller Part No.
9230 Series — Unshielded - RoHS Compliant								
Phenolic Core								
0.1	40	25.0	1100	0.07	M8656-ND	1.18	.95	9230-94-RC
0.15	38	25.0	1100	0.10	M8657-ND	1.18	.95	9230-00-RC
0.22	33	25.0	935	0.14	M8658-ND	1.18	.95	9230-04-RC
0.33	30	25.0	780	0.20	M8659-ND	1.18	.95	9230-08-RC
0.47	30	25.0	590	0.35	M8660-ND	1.18	.95	9230-12-RC
0.68	28	25.0	450	0.60	M8661-ND	1.18	.95	9230-16-RC
1.0	25	25.0	350	1.0	M8641-ND	1.18	.95	9230-20-RC
Iron Core								
2.2	30	7.9	550	0.40	M8647-ND	.94	.71	9230-28-RC
3.3	45	7.9	380	0.85	M8650-ND	.94	.71	9230-32-RC
4.7	45	7.9	320	1.2	M8653-ND	.94	.71	9230-36-RC
6.8	50	7.9	245	2.0	M8655-ND	.94	.71	9230-40-RC
10	55	7.9	180	3.7	M8642-ND	.94	.71	9230-44-RC
22	50	2.5	190	3.3	M8645-ND	.94	.71	9230-52-RC
Ferrite Core								
33	45	2.5	187	3.4	M8648-ND	1.16	.88	9230-56-RC
47	45	2.5	165	4.5	M8651-ND	1.16	.88	9230-60-RC
68	50	2.5	135	6.7	M8654-ND	1.16	.88	9230-64-RC
100	50	2.5	125	8.0	M8643-ND	1.16	.88	9230-68-RC
220	30	0.79	73	21	M8646-ND	1.16	.88	9230-76-RC
330	30	0.79	62	28	M8649-ND	1.16	.88	9230-80-RC
470	30	0.79	50	42	M8652-ND	1.16	.88	9230-84-RC
1,000	30	0.79	38	72	M8644-ND	1.16	.88	9230-92-RC
9250 Series — Shielded — RoHS Compliant								
Phenolic Core								
0.1	50	25.0	1790	0.025	M8206-ND	1.58	1.19	9250-101-RC
0.15	51	25.0	1470	0.037	M8207-ND	1.38	.99	9250-151-RC
0.18	50	25.0	1300	0.047	M8208-ND	1.38	.99	9250-181-RC
0.27	47	25.0	855	0.11	M9206-ND	1.58	1.39	9250-271
0.33	46	25.0	780	0.13	M8210-ND	1.38	.99	9250-331-RC
0.68	42	25.0	420	0.45	M9211-ND	1.29	1.20	9250-681
Iron Core								
1.5	44	7.9	815	0.12	M9215-ND	1.44	1.34	9250-152
1.8	44	7.9	775	0.14	M8215-ND	1.44	1.04	9250-182-RC
3.3	44	7.9	480	0.35	M8217-ND	1.44	1.04	9250-332-RC
3.9	44	7.9	450	0.40	M8218-ND	1.44	1.04	9250-392-RC
4.7	44	7.9	380	0.55	M8219-ND	1.44	1.04	9250-472-RC
5.6	44	7.9	335	0.72	M9224-ND	1.44	1.34	9250-562
8.2	50	7.9	250	1.32	M8220-ND	1.44	1.04	9250-822-RC
Ferrite Core								
15	45	2.5	315	0.80	M8222-ND	1.44	1.04	9250-153-RC
18	45	2.5	300	0.89	M8223-ND	1.74	1.24	9250-183-RC
22	45	2.5	290	0.96	M8224-ND	1.44	1.04	9250-223-RC
27	45	2.5	260	1.19	M8225-ND	1.74	1.24	9250-273-RC
39	50	2.5	205	1.93	M8227-ND	1.59	1.14	9250-393-RC
56	50	2.5	190	2.23	M8229-ND	1.74	1.24	9250-563-RC
68	50	2.5	170	2.70	M8230-ND	1.74	1.24	9250-683-RC
82	50	2.5	180	2.44	M8231-ND	1.74	1.24	9250-823-RC
180	55	.79	135	4.4	M8235-ND	1.74	1.24	9250-184-RC
270	55	.79	115	5.8	M9244-ND	1.74	1.62	9250-274
270	55	.79	115	5.8	M8237-ND	1.74	1.24	9250-274-RC
390	60	.79	105	7.4	M8239-ND	1.74	1.24	9250-394-RC
560	60	.79	90	10.5	M8241-ND	1.74	1.24	9250-564-RC

L (µH)	Q	Test Freq. (MHz)	I, dc Max. (mA)	DCR Ω	Digi-Key Part No.	Price Each 1	Price Each 10	J.W. Miller Part No.
820	60	.79	80	13.0	M8243-ND	1.74	1.24	9250-824-RC
1,500	45	.25	55	26.5	M8246-ND	1.99	1.43	9250-155-RC
1,800	45	.25	50	29.9	M8247-ND	2.22	1.59	9250-185-RC
2,700	45	.25	40	47.3	M8249-ND	1.99	1.43	9250-275-RC
3,900	45	.25	35	73.8	M8251-ND	1.99	1.43	9250-395-RC
4,700	45	.25	31	81.6	M8252-ND	2.14	1.53	9250-475-RC
5,600	44	.25	28	89.9	M8253-ND	2.35	1.68	9250-565-RC
6,800	40	.25	27	111	M8254-ND	2.35	1.68	9250-685-RC
8,200	40	.25	26	119	M8255-ND	2.14	1.54	9250-825-RC
12,000	30	.079	23	143	M8257-ND	2.04	1.53	9250-126-RC
15,000	30	.079	22	157	M8258-ND	2.67	1.91	9250-156-RC
27,000	27	.079	16	308	M8261-ND	3.48	2.62	9250-276-RC
33,000	27	.079	15	343	M8262-ND	3.48	2.62	9250-336-RC
47,000	23	.079	13	473	M8263-ND	3.48	2.62	9250-476-RC
56,000	23	.079	13	512	M8264-ND	5.42	4.07	9250-566-RC
68,000	23	.079	12	580	M9273-ND	5.47	5.08	9250-686
68,000	23	.079	12	580	M8265-ND	4.68	3.52	9250-686-RC
82,000	21	.079	11	618	M8266-ND	4.75	3.57	9250-826-RC
100,000	18	.079	11	678	M8267-ND	5.88	4.41	9250-107-RC
9250A Series — Shielded — RoHS Compliant								
Phenolic Core								
.10	50	25	1790	0.025	M10079-ND	1.34	1.01	9250A-101-RC
0.15	51	25	1470	0.037	M10090-ND	1.34	1.01	9250A-151-RC
0.18	50	25	1300	0.047	M10095-ND	1.34	1.01	9250A-181-RC
0.22	49	25	1100	0.067	M10099-ND	1.34	1.01	9250A-221-RC
0.33	46	25	780	0.13	M10109-ND	1.34	1.01	9250A-331-RC
0.39	44	25	670	0.18	M10115-ND	1.34	1.01	9250A-391-RC
0.82	40	25	370	0.59	M10129-ND	1.34	1.01	

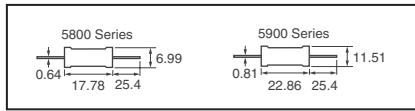
L (µH)	Q Min.	Test Freq. (MHz)	I, dc Max. (mA)	DCR Ω Max.	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
10,000	40	0.25	24	137	M10084-ND	1.17 .84	9250A-106-RC
12,000	30	0.079	23	143	M10089-ND	1.17 .84	9250A-126-RC
22,000	27	0.079	17	274	M10104-ND	1.17 .84	9250A-226-RC
27,000	27	0.079	16	308	M10108-ND	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

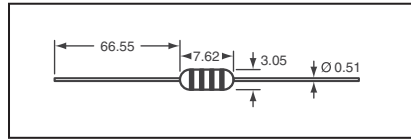


Inductance ± 15% @ 1kHz. Coils finished with sleeving VW1 Rated. Leads No. 20 tinned copper 1" long minimum
Ambient Temperature: -55°C ~ 125°C



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



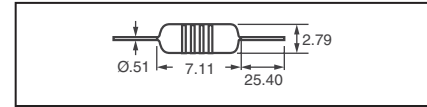
Lz (µH)	Q Min.	Test Freq. (MHz)	I, dc Max. (mA)	Digi-Key Part No.	Price Each 1 10	J.W. Miller Part No.
Phenolic Core						
.10	40	25.0	1100	M8001-ND	2.00 1.60	8230-94
.10	40	25.0	1100	M8159-ND	2.00 1.60	8230-94-RC
.18	35	25.0	1010	M8004-ND	2.00 1.60	8230-02
.18	35	25.0	1010	M8160-ND	2.00 1.60	8230-02-RC
.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		