

SIMID 1812T kit contains 6 each of 1, 1.5, 1.8, 2.2, 3.3, 3.9, 4.7, 6.8, 8.2, 10, 15, 18, 22, 33, 39, 47, 68, 100, 150, 220, 330, 470, 680 and 1000uH
SIMID 2220 Kit contains 6 each of 1.0, 4.7, 10, 47, 100, 330*, 470, 1000, 1000*, 4700 and 10000uH
 (*denotes items from SIMID 2220H Series)

204167

	Order Code	1+	3+	5+
Kit SIMID 0603	960-7625	10,717.00	10,210.00	9,646.00
Kit SIMID 1210	387-7358	6,805.00	6,465.00	6,124.00
Kit SIMID 1812T	880-9100	10,406.00	9,322.00	8,905.00
Kit SIMID 2220	158-707	10,626.00	10,517.00	9,964.00

Ferrite Beads

Bead Inductors



108-267	108-268	108-269	581-124
Body L=5.0	H=7.5, W=7.1	H=7.5, W=9.0	H=6.5, W=8.3
Body dia.=3.6	Ø=3.5	Ø=3.4	Ø=2.3
Lead L=20	Lead pitch=5.0	Lead pitch=5.0	Lead pitch=5.0
Lead dia.=0.65	Lead dia.=0.65	Lead dia.=0.65	Lead dia.=0.6

- Ferrite bead inductors available in axial or radial styles, the radial version being available with single or double bead to provide even more effective suppression.
- Typical applications include high frequency suppression in low impedance circuits, e.g. power supplies, high speed amplifier circuits, high speed digital circuits, clocks.

Mfrs. List No.	range (Z=50Ω min.)	Current rating	Mfrs. List No.	range (Z=50Ω min.)	Current rating
BL01RN1A1D2B.	20MHz to 1000MHz	7A	BL02RN2R1M2B.	4MHz to 1000MHz	7A
BL02RN1R2M2B.	20MHz to 1000MHz	7A	BL03RN2R1M1B	12MHz to 1000MHz	6A

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	Order Code	10+	50+	100+	1K+	+
Axial	108-267	7.00	6.00	6.00	4.00	--
Axial	952-6820	7.00	6.00	6.00	4.00	--
Radial (single)	108-268	9.00	7.00	7.00	6.00	--
Radial (single)	952-6838	9.00	7.00	7.00	6.00	--
Radial (double)	108-269	12.00	11.00	10.00	6.00	--
Radial (double)	952-6846	12.00	11.00	10.00	6.00	--
Radial (double)	581-124	11.00	11.00	10.00	6.00	--

Cores, Tubes and Beads



- Small ferrite tubes and beads for placing on insulated cables or formed wire leads to obtain a desired value of inductance.

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Order Multiple=10		Price Each				
Material	Dimensions	Order Code	10+	100+	1K+	3K+
Cores						
Double Aperture Cores (2 x 1.8mm)						
	10.8 x 10.9 x 5.4	120-6471	62.00	38.00	29.00	23.00
Double Aperture Cores (3mm Round)						
	13 x 6 x 8	242-512	60.00	37.00	28.00	22.00
	13 x 6 x 8	242-494	83.00	51.00	38.00	29.00

Order Multiple=10		Price Each				
Material	Dimensions	Order Code	10+	300+	3K+	10K+
Tubes						
Single Hole						
2.0mm dia.	4.15 5.0	273-156	7.00	4.00	2.00	2.00
1.5mm dia.	4.05 5.5	242-482	7.00	4.00	2.00	--
Beads						
Single Hole						
2.0mm dia.	5.0 4.0	242-524	12.00	7.00	5.00	4.00
1.0mm dia.	3.0 4.0	242-500	22.00	12.00	8.00	7.00
Six Hole						
0.6mm dia.	6.3 10.5	219-850	36.00	19.00	12.00	10.00

Axial Inductors

C30 Series – 0.25 Watt



Body L=7.0 max., Dia.=2.8 max.
 Lead length=25.0 min, Lead dia.=0.6

- Popular range of miniature RF inductors encapsulated in a flame retardant resin sleeve providing protection against extremes of temperature, mechanical vibration and abrasion
- Tolerance ±10%

Body Colour: Yellow

Inductance	Max. dc Res	Max dc Current	Q factor	Test. Frequency	Self Res Frequency	Order Code
μH	20°C	(mA)	Min	MHz	MHz	
0.1	0.08	1240	35	25	625	117-3894
0.12	0.09	1240	35	25	625	117-4250
0.15	0.1	1240	35	25	625	117-4251
0.18	0.12	1240	35	25	625	117-4252
0.22	0.14	940	33	25	470	117-3895
0.27	0.16	940	33	25	430	117-4254
0.33	0.22	750	30	25	380	117-3896
0.39	0.3	750	30	25	365	117-4255
0.47	0.35	590	30	25	310	117-3897
0.56	0.5	590	30	25	800	117-4256
0.68	0.6	540	28	25	275	117-4257
0.82	0.85	380	28	25	230	117-3898
1	1	350	25	25	210	117-3860
1.5	0.22	895	28	7.9	140	117-4258
2.2	0.4	550	30	7.9	105	117-3861
2.7	0.55	470	37	7.9	92	117-3899
3.3	0.85	380	45	7.9	83	117-3862
3.9	1	380	45	7.8	80	117-4259
4.7	1.2	320	45	7.9	69	117-3863
5.6	1.8	260	50	7.9	60	117-3901
6.8	2	260	50	7.9	60	117-4260
8.2	2.7	215	55	7.9	50	117-3902
10	3.7	180	55	7.9	46	117-3864
15	2.8	210	45	2.5	32	117-3903
22	3.3	195	50	2.5	23	117-3865
33	3.4	190	45	2.5	20	117-3866
39	3.6	190	45	2.5	20	117-4261
47	4.5	165	45	2.5	17	117-3867
56	5.2	148	45	2.5	15	117-3869
68	6.7	148	50	2.5	15	117-4262
100	8	124	50	2.5	11	117-3871
150	15	91	30	0.79	9	117-3872
220	21	77	30	0.79	7.5	117-3873
330	28	66	30	0.79	6	117-3875
470	42	54	30	0.79	5.1	117-3876
560	46	52	30	0.79	4.2	117-3904
820	65	43	30	0.79	3.2	117-3905
1000	72	41	30	0.79	2.9	117-3878

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Order Multiple=5	Inductance	Order Code	5+	50+	100+	250+	+
0.1μH to 100μH	All Values		74.00	54.00	39.00	30.00	--
150μH to 1000μH	All Values		117.00	88.00	63.00	47.00	--

B78108S Series – RF Inductors



L=9.2, Dia=4.0 max Lead Length=25, Dia =0.63

- Ferrite drum cored inductors with flame retardant encapsulation

I _N (mA)	L _N (μH)	Tol. (%)	f _L (MHz)	Q _{min}	f ₀ (MHz)	R _{max} (Ω)	f _{res} (MHz)	Mfrs. List No.	Order Code
1200	1	±10	1	55	0.0796	0.16	205	B78108S1102K	608-427
1150	1.2	±10	1	55	7.96	0.18	185	B78108S1122K	508-561
1100	1.5	±10	1	55	7.96	0.2	165	B78108S1152K	608-439
1030	1.8	±10	1	55	7.96	0.22	155	B78108S1182K	508-573
1000	2.2	±10	1	55	7.96	0.25	140	B78108S1222K	608-440
900	3.3	±10	1	60	7.96	0.29	115	B78108S1332K	608-452
820	4.7	±10	1	60	7.96	0.34	95	B78108S1472K	608-464
780	5.6	±10	1	60	7.96	0.38	85	B78108S1562K	509-929
670	6.8	±10	1	65	7.96	0.51	75	B78108S1682K	608-476
690	8.2	±10	1	65	7.96	0.48	50	B78108S1822K	510-774
680	10	±10	0.1	70	2.52	0.49	35	B78108S1103K	608-488
610	15	±10	0.1	60	2.52	0.6	20	B78108S1153K	608-506
580	18	±10	0.1	60	2.52	0.67	17	B78108S1183K	511-511
560	22	±10	0.1	55	2.52	0.74	13	B78108S1223K	511-614
500	33	±10	0.1	55	2.52	0.92	9	B78108S1333K	608-518
470	39	±10	0.1	50	2.52	1.02	8	B78108S1393K	511-626
450	47	±5	0.1	45	2.52	1.1	7.5	B78108S1473J	608-520
410	68	±5	0.1	40	2.52	1.35	6.5	B78108S1683J	608-531
390	82	±5	0.1	35	2.52	1.54	6	B78108S1823J	511-638
370	100	±5	0.1	70	0.796	1.7	5	B78108S1104J	608-543
300	120	±5	0.1	70	0.796	2.4	4.5	B78108S1124J	608-555
280	150	±5	0.1	70	0.796	2.8	4.2	B78108S1154J	608-567
270	180	±5	0.1	70	0.796	3	3.9	B78108S1184J	511-640
250	220	±5	0.1	70	0.796	3.3	3.7	B78108S1224J	511-651
190	330	±5	0.1	70	0.796	6.4	2.7	B78108S1334J	608-579
180	390	±5	0.1	70	0.796	7	2.4	B78108S1394J	511-663
170	470	±5	0.1	70	0.796	7.9	2.2	B78108S1474J	608-580
160	560	±5	0.1	60	0.796	8.8	2	B78108S1564J	511-675