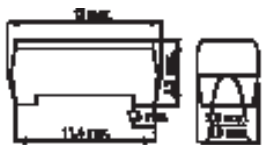
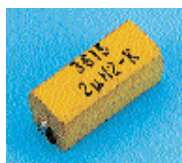


High Current - 3615 Series



Supplied on 24mm tape,
Individually marked (Reel = 1k pcs)

- High current, wound, surface mount inductors
- One case size covers all inductance values
- High reliability
- Suitable for DIP and wave soldering
- Epoxy moulded construction

Insulation resistance 1000mΩ
Inductance tolerance ±10%
Operating temperature -55°C to +100°C

Inductance µH	DC Resistance Ω	Max DC Current (mA)	Q Factor (Min)	Test Frequency MHz	Self Res. Frequency MHz	Order Code
0.1	0.027	3500	50	25	550	870-201
0.22	0.035	2570	50	25	415	870-213
0.47	0.08	1700	50	25	300	870-225
1	0.25	930	50	25	200	870-237
2.2	0.9	505	35	7.9	140	870-249
4.7	0.21	1050	35	7.9	60	870-250
10	0.6	620	35	7.9	42	870-262
22	2	340	55	2.5	24	870-274
47	3.4	259	55	2.5	16	870-286
100	4.9	216	55	2.5	8	870-298
220	7.5	175	60	0.79	5.8	870-304
470	11	144	60	0.79	4	870-316
1000	16.5	118	60	0.79	2.5	870-328

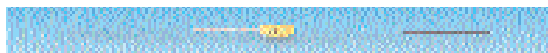
Mfrs. List No. 3615A + value + K

FIL219

Order Multiple=5	Order Code	5+	50+	100+	250+	500+	1000+
0.1µH to 1µH	All Values						
2.2µH to 47µH	All Values						
100µH to 1000µH	All Values						

Axial Inductors

C30 Series – 0.25 Watt



Body L = 7.0 max., Dia. = 2.7 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 µH	Max dc Res Ω 20°C	Max dc Current (mA) 70°C	Q factor Min	Test Frequency MHz	Self Res. Frequency MHz	Order Code
0.1	0.08	1240	35	25	625	108-616.
0.12	0.09	1240	35	25	625	557-420
0.15	0.10	1240	35	25	625	557-432
0.18	0.12	1240	35	25	625	557-444
0.22	0.14	940	33	25	470	108-617.
0.27	0.16	940	33	25	430	557-456
0.33	0.22	750	30	25	380	108-618.
0.39	0.30	750	30	25	365	557-468
0.47	0.35	590	30	25	310	108-619.
0.56	0.50	590	30	25	800	557-470
0.68	0.60	540	28	25	275	557-481
0.82	0.85	380	28	25	230	108-620.
1	1.0	350	25	25	210	106-218.
1.5	0.22	895	28	7.9	140	557-493
2.2	0.4	550	30	7.9	105	106-219.
2.7	0.55	470	37	7.9	92	108-621.
3.3	0.85	380	45	7.9	83	106-220.
3.9	1.0	380	45	7.8	80	557-500
4.7	1.2	320	45	7.9	69	106-221.
5.6	1.8	260	50	7.9	60	108-622.
6.8	2.0	260	50	7.9	60	557-511
8.2	2.7	215	55	7.9	50	108-623.
10	3.7	180	55	7.9	46	106-222.
15	2.8	210	45	2.5	32	108-624.
22	3.3	195	50	2.5	23	106-223.
33	3.4	190	45	2.5	20	106-224.
39	3.6	190	45	2.5	20	557-523
47	4.5	165	45	2.5	17	106-225.
56	5.2	148	45	2.5	15	106-226.
68	6.7	148	50	2.5	15	557-535
82	7.3	130	50	2.5	12	108-625.
100	8	124	50	2.5	11	106-227.
150	15	91	30	0.79	9.0	106-228.
220	21	77	30	0.79	7.5	106-229.
330	28	66	30	0.79	6.0	106-230.
470	42	54	30	0.79	5.1	106-231.
560	46	52	30	0.79	4.2	108-626.
820	65	43	30	0.79	3.2	108-627.
1000	72	41	30	0.79	2.9	106-232.

FIL92

Order Multiple=5

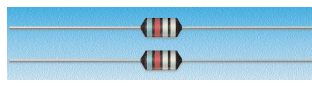
Inductance Value
0.1µH to 22µH
33µH to 100µH
150µH to 470µH
560µH to 1000µH

Order Code
All Values
All Values
All Values
All Values

Price Each

5+ 50+ 100+ 250+ 500+

RF Inductors



- Mini cylinder core chokes
- Ceramic core up to 0.82 µH, ferrite above

Body L = 9.8 max, dia. = 3.3 Lead dia. = 0.5

Tolerance ±10%

IEC climatic category 55/125/56

I _N (mA)	L _N (µH)	Tol. (%)	f _L (MHz)	Q _{min}	f _Q	R _{max} (Ω)	f _{res} (MHz)	Mfrs. List No.	Order Code
1000	0.18	±10	1.0	35	25.2	0.17	460	B78108-T3181-K	512-345
990	0.22	±10	1.0	35	25.2	0.195	420	B78108-T3221-K	512-370
910	0.27	±10	1.0	35	25.2	0.215	380	B78108-T3271-K	512-382
830	0.33	±10	1.0	35	25.2	0.24	330	B78108-T3331-K	512-400
750	0.47	±10	1.0	35	25.2	0.315	280	B78108-T3471-K	512-436
700	0.56	±10	1.0	35	25.2	0.34	260	B78108-T3561-K	512-448
530	0.68	±10	1.0	35	25.2	0.48	240	B78108-T3681-K	512-450
500	0.82	±10	1.0	35	25.2	0.55	230	B78108-T3821-K	512-473
630	1.0	±10	1.0	35	25.2	0.25	180	B78108-T1102-K	513-350
570	1.5	±10	1.0	40	7.96	0.30	150	B78108-T1152-K	513-362
540	1.8	±10	1.0	40	7.96	0.30	130	B78108-T1182-K	513-374
520	2.2	±10	1.0	40	7.96	0.35	120	B78108-T1222-K	513-386
480	2.7	±10	1.0	40	7.96	0.40	110	B78108-T1272-K	513-398
420	3.3	±10	1.0	40	7.96	0.50	110	B78108-T1332-K	513-404
380	4.7	±10	1.0	40	7.96	0.65	90	B78108-T1472-K	513-416
260	5.6	±10	1.0	45	7.96	1.30	75	B78108-T1562-K	513-428
250	6.8	±10	1.0	45	7.96	1.45	70	B78108-T1682-K	513-430
240	8.2	±10	1.0	50	7.96	1.60	65	B78108-T1822-K	513-441
230	10	±10	1.0	50	7.96	1.70	60	B78108-T1103-K	513-453
185	15	±10	0.1	55	2.52	2.70	45	B78108-T1153-K	513-465
170	22	±10	0.1	60	2.52	3.20	30	B78108-T1223-K	513-477
160	27	±10	0.1	60	2.52	3.60	27	B78108-T1273-K	513-489
150	33	±10	0.1	60	2.52	4.10	24	B78108-T1333-K	513-490
100	47	±10	0.1	60	2.52	8.50	20	B78108-T1473-K	513-507
100	56	±10	0.1	60	2.52	8.80	18	B78108-T1563-K	524-141
95	68	±10	0.1	60	2.52	10	15	B78108-T1683-K	513-519
85	100	±10	0.1	60	2.52	12.5	11	B78108-T1104-K	513-520

FIL238

Order Multiple=5

Order Code
All Values

Price Each

5+ 50+ 100+ 500+ 1000+ 2500+

RF Inductors

SIEMENS



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 _Q	R _{max} (Ω)	f _{res} (MHz)	Mfrs. List No.	Order Code
1200	1.0	±10	1.0	55	7.96	0.16	205	B78108-S1102-K	608-427
1150	1.2	±10	1.0	55	7.96	0.18	185	B78108-S1122-K	508-561
1100	1.5	±10	1.0	55	7.96	0.20	165	B78108-S1152-K	608-439
1030	1.8	±10	1.0	55	7.96	0.22	155	B78108-S1182-K	508-573
1000	2.2	±10	1.0	55	7.96	0.25	140	B78108-S1222-K	608-440
900	3.3	±10	1.0	60	7.96	0.29	115	B78108-S1332-K	608-452
820	4.7	±10	1.0	60	7.96	0.34	95	B78108-S1472-K	608-464
780	5.6	±10	1.0	60	7.96	0.38	85	B78108-S1562-K	509-929
670	6.8	±10	1.0	65	7.96	0.51	75	B78108-S1682-K	608-476
690	8.2	±10	1.0	65	7.96	0.48	50	B78108-S1822-K	510-774
680	10	±10	0.1	70	2.52	0.49	35	B78108-S1103-K	608-488
610	15	±10	0.1	60	2.52	0.60	20	B78108-S1153-K	608-506
580	18	±10	0.1	60	2.52	0.67	17	B78108-S1183-K	511-511
560	22	±10	0.1	55	2.52	0.74	13	B78108-S1223-K	511-614
500	33	±10	0.1	55	2.52	0.92	9	B78108-S1333-K	608-518
470	39	±10	0.1	50	2.52	1.02	8	B78108-S1393-K	511-626
450	47	±5	0.1	45	2.52	1.10	7.5	B78108-S1473-J	608-520
410	68	±5	0.1	40	2.52	1.35	6.5	B78108-S1683-J	608-531
390	82	±5	0.1	35	2.52	1.54	6	B78108-S1823-J	511-638
370	100	±5	0.1	70	0.796	1.70	5	B78108-S1104-J	608-543
300	120	±5	0.1	70	0.796	2.40	4.5	B78108-S1124-J	608-555
280	150	±5	0.1	70	0.796	2.80	4.2	B78108-S1154-J	608-567
270	180	±5	0.1	70	0.796	3.00	3.9	B78108-S1184-J	511-640
250	220	±5	0.1	70	0.796	3.30	3.7	B78108-S1224-J	511-651
190	330	±5	0.1	70	0.796	6.40	2.7	B78108-S1334-J	608-579
180	390	±5	0.1	70	0.796	7.00	2.4	B78108-S1394-J	511-663
170	470	±5	0.1	70	0.796	7.90	2.2	B78108-S1474-J	608-580
160	560	±5	0.1	60	0.796	8.80	2	B78108-S1564-J	511-675
150	680	±5	0.1	55	0.796	10	1.9	B78108-S1684-J	608-592
140	820	±5	0.1	50	0.796	12	1.6	B78108-S1824-J	511-687
100	1000	±5	0.1	55	0.252	14	1.6	B78108-S1105-J	608-609
100	1500	±5	0.1	50	0.252	23	1.25	B78108-S1155-J	608-610
95	1800	±5	0.1	50	0.252	26	1.2	B78108-S1185-J	511-699
80	2200	±5	0.1	40	0.252	34.7	1.1	B78108-S1225-J	608