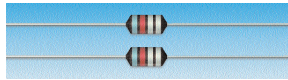


Axial Inductors — continued

RF Inductors



Body L = 14.8 max dia. = 5.2 max
Lead dia. = 0.63

- Ferrite drum core RF inductors with flame retardant lacquer coating

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)	Mftrs. List No.	Order Code		
2200	1.0	±10	1.0	40	7.96	0.08	200	B82144-A2102-K	513-532		
1600	4.7	±10	1.0	40	7.96	0.16	120	B82144-A2472-K	515-036		
1400	10	±10	0.1	60	2.52	0.22	60	B82144-A2103-K	515-565		
1100	22	±10	0.1	50	2.52	0.35	12	B82144-A2223-K	516-533		
800	47	±5	0.1	40	2.52	0.50	5	B82144-A2473-J	516-545		
600	100	±5	0.1	50	0.796	0.70	3.5	B82144-A2104-J	516-570		
400	220	±5	0.1	50	0.796	1.60	2.4	B82144-A2224-J	516-995		
280	470	±5	0.1	40	0.796	2.50	1.5	B82144-A2474-J	517-070		
200	1000	±5	0.1	60	0.252	3.80	1.2	B82144-A2105-J	517-896		
120	2200	±5	0.1	60	0.252	9.00	0.8	B82144-A2225-J	517-902		
90	4700	±5	0.1	60	0.252	20.0	0.5	B82144-A2475-J	517-914		
50	10000	±5	0.01	50	0.0796	42.0	0.35	B82144-A2106-J	517-926		
40	22000	±5	0.01	50	0.0796	120	0.26	B82144-A2226-J	517-938		
20	100000	±5	1.0	40	0.0796	360	0.12	B82144-A2107-J	518-300		

FIL237

Order Multiple=5		Price Each				
Inductance μH	Order Code	5+	50+	100+	500+	1000+
1.0	.513-532					
4.7	.515-036					
10	.515-565					
22	.516-533					
47	.516-545					
100	.516-570					
220	.516-995					
470	.517-070					
1000	.517-896					
2200	.517-902					
4700	.517-914					
10000	.517-926					
22000	.517-938					
100000	.518-300					

RF Inductors



- Single layer winding on a carbonyl iron core with insulating sleeve
- Approved to VDE 565-2

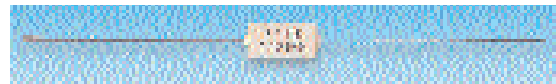
Voltage rating 500Vac/dc Tolerance ±20%
IEC climatic category 55/125/56

L _N (μH)	Tol. (%)	f _L (MHz)	Q _{min} Dia	Dimensions Dia L	Mftrs. List No.	Order Code
80	0.15	22	11	5 14	B82131-A5151-M	506-930
40	0.3	31	4.1	5 14	B82131-A5301-M	508-238
70	0.3	29	5.7	5.5 19	B82132-A5301-M	508-299
27	0.4	40	2.0	5.0 14	B82131-A5401-M	508-287
50	0.4	37	3.0	5.5 19	B82132-A5401-M	508-226
150	0.4	18	3.5	7.5 29	B82134-A5401-M	508-329
14	0.7	53	0.76	5.0 14	B82131-A5701-M	506-552
23	0.7	55	0.73	5.5 19	B82132-A5701-M	508-251
55	0.7	26	1.2	7.5 24	B82133-A5701-M	506-874
60	0.7	34	0.77	7.5 29	B82134-A5701-M	506-904
6	1.5	84	0.19	5.0 14	B82131-A5152-M	506-448
8	1.5	90	0.16	5.5 19	B82132-A5152-M	506-710
25	1.5	40	0.32	7.5 24	B82133-A5152-M	506-916
30	1.5	44	0.30	7.5 24	B82134-A5152-M	508-305
3	2.0	113	0.9	5.0 14	B82131-A5202-M	506-564
6	2.0	108	0.11	5.5 19	B82132-A5202-M	506-886
14	2.0	57	0.13	7.5 24	B82133-A5202-M	524-128
12	2.0	59	0.15	7.5 29	B82134-A5202-M	506-862
2	3.0	147	0.038	5.0 14	B82131-A5302-M	524-130
3	3.0	151	0.035	5.5 19	B82132-A5302-M	506-898
10	3.0	69	0.077	7.5 24	B82133-A5302-M	506-540
12	3.0	75	0.090	7.5 24	B82134-A5302-M	508-317
1	4.0	199	0.015	5.0 14	B82131-A5402-M	508-240
2	4.0	186	0.020	5.5 19	B82132-A5402-M	508-275
5	4.0	87	0.034	7.5 24	B82133-A5402-M	508-202
1	6.0	243	0.010	5.5 19	B82132-A5602-M	508-214
3	6.0	108	0.019	7.5 24	B82133-A5602-M	506-539

FIL236

Order Multiple=5 Inductance μH	Order Code	Price Each				
		1+	25+	100+	250+	500+ 1000+
80	506-930					
40	508-238					
70	508-299					
27	508-287					
50	508-226					
150	508-329					
14	506-552					
23	508-251					
55	506-874					
60	506-904					
6	506-448					
8	506-710					
25	506-916					
30	508-305					
3	506-564					
6	506-886					
14	524-128					
20	506-862					
2	524-130					
3	506-898					
10	506-540					
12	508-317					
1	508-240					
2	508-275					
5	508-202					
1	508-214					
3	506-539					

1582 Series



L = 11.4 Dia. = 5.2
Lead length = 35.0 min, Lead dia. = 0.73

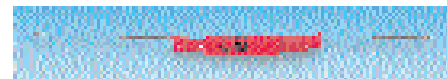
- A range of RF inductors having a ferrite core encapsulated in a moulded polypropylene coating suitable for use in telecomms, medical, automotive circuits and in most other applications where RF suppression is required
- Lead terminations are tinned copper
- Temperature range -55°C to +85°C. Tolerance ±10%.

Inductance (μH)	Resistance dc (Ω)	Max. dc Current (A)	Q Factor Nom. @	MHz	Self Res. Frequency MHz	Order Code
1	0.04	2.2	45	15	190	177-506
2.2	0.06	1.8	60	8	130	177-507
4.7	0.12	1.3	50	8	95	177-508
10	0.35	0.75	50	8	65	177-509
22	1.1	0.43	65	2.5	45	177-510
47	2.5	0.27	70	2.5	20	177-511
100	4.0	0.22	65	1.5	14	177-512
220	7.3	0.2	80	0.8	8	177-513
470	20	0.12	80	0.8	6.5	177-514
1000	30	0.1	85	0.8	3	177-515

FIL93

Order Multiple=5		Price Each				
Order Code		5+	50+	100+	250+	500+
.177-506 to 177-507						
.177-508 to 177-510						
.177-511 to 177-512						
.177-513 to 177-515						

Axial -1585 Series



Lead length = 18 min, Lead dia = 0.7 max

- A range of inductors wound on ferrite cores and insulated by a PVC sleeve, suitable for use in automotive circuits and other general applications where noise suppression is required
- Inductance value and current rating are clearly marked on each inductor.
- Temperature range -55°C to +85°C
- Tolerance ±20%

Inductance (μH)	Resistance dc (Ω)	Max dc Current (A)	Self Res. Frequency MHz	Inductor Body Dia.	Length	Order Code
4	0.013	3	110	4.5	25	178-329
10	0.025	3	70	7.5	25	178-330
25	0.045	3	40	8.5	35	178-331
50	0.060	3	3	11.5	27	178-332
100	0.090	3	2.5	11.5	27	178-333
500	0.200	3	1	15	45	178-334

FIL114