

Chokes 508
 Leaded inductors 504
 Surface mount inductors 498

New products

muRata

High current 1400 series inductors

See page 508

From **£2.788**



LCR

Differential mode suppression choke

See page 509

From **£1.35**



Best sellers

Nc
NIC COMPONENTS CORP.

NPI-W SMD Power inductors



From **£0.23** See page 503

muRata

Low current radial lead inductors (220µH)

See page 504

From **£0.414**



Nc
NIC COMPONENTS CORP.

NPIS-P SMD Power inductors



From **£0.15** See page 502

SCHAFFNER

Common/asymmetrical mode suppression chokes

See page 509

From **£1.50**



muRata

Low current radial lead inductors (10mH)

See page 504

From **£0.7242**



Toko

Radial PCB suppression chokes

From **£0.144**

See page 508



Nc
NIC COMPONENTS CORP.

NPIS-D Shielded power inductor kit



From **£11.00** See page 502

muRata

High current 1400 series inductors

100µH 6.0A

From **£3.03**

See page 508



1585
 500µ 3A

Surface mount inductors

Fine Inductors



0603AS-J SMT Chip inductors engineers sample kit



An engineers sample kit containing 10 each of the 28 most popular values of SMT wire wound chip inductors from the **Fastron 0603AS-J** range.

- 5% Tolerance

Technical specification			
Value (nH)	Mfrs. pt. no.	Value (nH)	Mfrs. pt. no.
1.8	0603AS-1N81-01	39	0603AS-0391-01
2.2	0603AS-2N21-01	47	0603AS-0471-01
3.3	0603AS-3N61-01	56	0603AS-0561-01
4.7	0603AS-4N71-01	68	0603AS-0681-01
5.6	0603AS-5N61-01	82	0603AS-0821-01
6.8	0603AS-6N81-01	100	0603AS-R101-01
8.2	0603AS-8N21-01	120	0603AS-R121-01
10	0603AS-0101-01	150	0603AS-R151-01
12	0603AS-0121-01	180	0603AS-R181-01
15	0603AS-0151-01	220	0603AS-R221-01
18	0603AS-0181-01	270	0603AS-R271-01
22	0603AS-0221-01	330	0603AS-R331-01
27	0603AS-0271-01	47	0603AS-R471-01
33	0603AS-0331-01	680	0603AS-R681-01

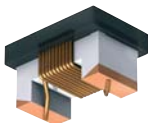
Type	Order code	1+
0603AS-J Inductor kit	88-0905	45.85

Fine Inductors



0603 AS SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 0603 Case size
- Tolerance 5%
- Wide range of values
- Ceramic core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 4000** (see price panel for price breaks)

Technical specification				
Value (nH)	Rated DC current (mA)	Q	DCR max. (Ω)	Mfrs. pt. no.
2.2	170	10	0.17	0603AS-2N21-01
3.3	700	22	0.1	0603AS-3N31-01
4.7	700	25	0.07	0603AS-4N71-01
10	700	31	0.13	0603AS-0101-01
12	700	35	0.13	0603AS-0121-01
15	700	35	0.17	0603AS-0151-01
18	700	35	0.17	0603AS-0181-01
22	700	38	0.19	0603AS-0221-01
33	600	40	0.22	0603AS-0331-01
47	600	38	0.28	0603AS-0471-01
68	600	37	0.34	0603AS-0681-01
100	400	34	0.58	0603AS-R101-01
120	300	34	0.65	0603AS-R121-01
150	200	32	0.9	0603AS-R151-01
180	200	32	1.2	0603AS-R181-01
220	200	30	1.6	0603AS-R221-01

Price each					
Value (nH)	Order code	1+	10+	50+	100+
2.2	88-0646	0.105			
3.3	88-0647	0.13	0.1173	0.1122	0.1071
4.7	88-0648	0.105			
10	88-0649	0.105			
12	88-0650	0.105			
15	88-0651	0.105			
18	88-0652	0.082			
22	88-0653	0.105			

33	88-0654	0.105			
47	88-0655	0.105			
68	88-0656	0.105			
100	88-0657	0.082			
120	88-0658	0.105			
150	88-0659	0.105			
180	88-0660	0.105			
220	88-0661	0.105			

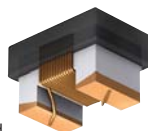
Price per reel of 4000				
Value (nH)	Order code	1+	3+	
2.2	88-0662	418.20	367.20	
3.3	88-0663	418.20	367.20	
4.7	88-0664	418.20	367.20	
10	88-0665	418.20	367.20	
12	88-0666	418.20	367.20	
15	88-0667	418.20	367.20	
18	88-0668	418.20	367.20	
22	88-0669	418.20	367.20	
33	88-0670	418.20	367.20	
47	88-0671	418.20	367.20	
68	88-0672	418.20	367.20	
100	88-0673	418.20	367.20	
120	88-0674	418.20	367.20	
150	88-0675	418.20	367.20	
180	88-0676	418.20	367.20	
220	88-0677	418.20	367.20	

Fine Inductors



0805 AS SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 0805 Case size
- Tolerance 5%
- Wide range of values
- Ceramic core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2500** (see price panel for price breaks)

Technical specification				
Value (nH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mfrs. pt. no.
3.3	600	50	0.08	0805AS-3N31-01
6.8	600	50	0.11	0805AS-6N81-01
10	600	43	0.13	0805AS-0101-01
15	600	50	0.17	0805AS-0151-01
22	500	57	0.22	0805AS-0221-01
33	500	60	0.27	0805AS-0331-01
47	500	65	0.31	0805AS-0471-01
68	400	65	0.38	0805AS-0681-01
100	400	65	0.46	0805AS-R101-01
150	400	60	0.56	0805AS-R151-01
220	400	59	0.7	0805AS-R221-01
330	260	40	1.8	0805AS-R331-01
470	170	40	2.5	0805AS-R471-01
680	170	37	4	0805AS-R681-01
1000	180	23	2.35	0805AS-1R01-01
2200	150	17	3.8	0805AS-2R21-01
3300	120	15	5.1	0805AS-3R31-01
4700	100	15	8	0805AS-4R71-01

Price each					
Value (nH)	Order code	1+	10+	50+	100+
3.3	88-0679	0.09			
6.8	88-0680	0.09			
10	88-0681	0.09			
15	88-0682	0.09			
22	88-0683	0.09			
33	88-0684	0.09			
47	88-0685	0.09			
68	88-0686	0.09			
100	88-0687	0.078			
150	88-0688	0.09			
220	88-0689	0.09			
330	88-0690	0.09			
470	88-0691	0.09			
680	88-0692	0.09			
1000	88-0693	0.09			
2200	88-0694	0.09			
3300	88-0695	0.09			
4700	88-0696	0.14	0.1326	0.1122	0.0918

Price per reel of 2500			
Value (nH)	Order code	1+	3+
3.3	88-0697	248.63	235.88
6.8	88-0698	248.63	235.88
10	88-0699	248.63	235.88

15	88-0700	248.63	235.88
22	88-0701	248.63	235.88
33	88-0702	248.63	235.88
47	88-0703	248.63	235.88
68	88-0704	248.63	235.88
100	88-0705	248.63	235.88
150	88-0706	248.63	235.88
220	88-0707	248.63	235.88
330	88-0708	248.63	235.88
470	88-0709	248.63	235.88
680	88-0710	248.63	235.88
1000	88-0711	248.63	235.88
2200	88-0712	248.63	235.88
3300	88-0713	248.63	235.88
4700	88-0714	248.63	235.88

Fine Inductors



0805F-K SMT Chip inductors engineers sample kit



An engineers sample kit containing 10 each of the 28 most popular values of SMT wire wound chip inductors from the **Fastron 0805F-K** range.

- 10% Tolerance

Technical specification			
Value (nH)	Mfrs. pt. no.	Value (nH)	Mfrs. pt. no.
3.3	0805F-3N3K-01	100	0805F-R10K-01
5.6	0805F-5N6K-01	120	0805F-R12K-01
6.8	0805F-6N8K-01	150	0805F-R15K-01
8.2	0805F-8N2K-01	180	0805F-R18K-01
10	0805F-010K-01	270	0805F-R27K-01
15	0805F-015K-01	330	0805F-R33K-01
22	0805F-022K-01	390	0805F-R39K-01
27	0805F-027K-01	470	0805F-R47K-01
33	0805F-033K-01	560	0805F-R56K-01
39	0805F-039K-01	680	0805F-R68K-01
47	0805F-047K-01	820	0805F-R82K-01
56	0805F-056K-01	1000	0805F-1R0K-01
68	0805F-068K-01	3300	0805F-3R3K-01
82	0805F-082K-01	4700	0805F-4R7K-01

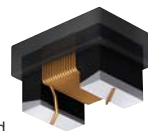
Type	Order code	1+
0805F-K Inductor kit	88-0907	42.72

Fine Inductors



0805 F SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 0805 Case size
- Tolerance 10%
- Wide range of values
- Ferrite core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2500** (see price panel for price breaks)

Technical specification				
Value (µH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mfrs. pt. no.
0.68	450	18	0.5	0805F-R68K-01
1	250	20	0.5	0805F-1R0K-01
1.5	200	20	0.75	0805F-1R5K-01
2.2	130	20	1.7	0805F-2R2K-01
3.3	100	20	3.3	0805F-3R3K-01
4.7	90	20	3.8	0805F-4R7K-01
8.2	160	20	3.7	0805F-8R2K-01
10	150	20	3.8	0805F-100K-01

Price each			
Value (µH)	Order code	1+	3+
0.68	88-0716	0.13	
1	88-0717	0.13	
1.5	88-0718	0.109	

2.2	88-0719	0.13
3.3	88-0720	0.10
4.7	88-0721	0.13
8.2	88-0722	0.10
10	88-0723	0.13
Price per reel of 2500		
0.68	88-0724	363.38 331.50
1	88-0725	209.84
1.5	88-0726	363.38 331.50
2.2	88-0727	363.38 331.50
3.3	88-0728	363.38 331.50
4.7	88-0729	363.38 331.50
8.2	88-0730	363.38 331.50
10	88-0731	363.38 331.50

Fine Inductors
Fastron

1008AS-J SMT Chip inductors
engineers sample kit



An engineers sample kit containing 10 each of the 28 most popular values of SMT wire wound chip inductors from the **Fastron 1008AS-J** range.

- 5% Tolerance

Technical specification

Value (nH)	Mftrs. pt. no.	Value (nH)	Mftrs. pt. no.
4.7	1008AS-4N7J-01	220	1008AS-R22J-01
8.2	1008AS-8N2J-01	330	1008AS-R33J-01
10	1008AS-010J-01	390	1008AS-R39J-01
15	1008AS-015J-01	470	1008AS-R47J-01
22	1008AS-022J-01	620	1008AS-R62J-01
33	1008AS-033J-01	820	1008AS-R82J-01
39	1008AS-039J-01	1000	1008AS-1R0J-01
47	1008AS-047J-01	1200	1008AS-1R2J-01
68	1008AS-068J-01	1500	1008AS-1R5J-01
82	1008AS-082J-01	1800	1008AS-1R8J-01
100	1008AS-R10J-01	2700	1008AS-2R7J-01
120	1008AS-R12J-01	3300	1008AS-3R3J-01
150	1008AS-R15J-01	5600	1008AS-5R6J-01
180	1008AS-R18J-01	10000	1008AS-100J-01

Type	Order code	1+
1008AS-J Inductor kit	88-0908	26.75

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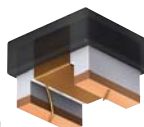
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Fine Inductors

Fastron

1008 AS SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 1008 Case size
- Tolerance 5%
- Wide range of values
- Ceramic core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2000** (see price panel for price breaks)

Technical specification

Value (nH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mftrs. pt. no.
4.7	600	17	0.15	1008AS-4N7J-01
10	1000	50	0.08	1008AS-010J-01
33	1000	65	0.14	1008AS-033J-01
39	1000	60	0.15	1008AS-039J-01
47	1000	65	0.16	1008AS-047J-01
68	1000	67	0.2	1008AS-068J-01
82	1000	63	0.22	1008AS-082J-01
100	650	63	0.56	1008AS-R10J-01
120	650	60	0.63	1008AS-R12J-01
150	620	50	0.7	1008AS-R15J-01
180	620	45	0.77	1008AS-R18J-01
220	620	46	0.84	1008AS-R22J-01
330	470	51	1.05	1008AS-R33J-01
390	470	47	1.12	1008AS-R39J-01
470	470	54	1.19	1008AS-R47J-01
820	400	52	1.61	1008AS-R82J-01
1000	370	36	1.75	1008AS-1R0J-01
1200	310	35	2	1008AS-1R2J-01
1500	330	35	2.3	1008AS-1R5J-01
1800	300	34	2.6	1008AS-1R8J-01

Value (nH)	Order code	Price each			
		1+	10+	50+	100+
4.7	88-0915	0.11	0.0918	0.0867	0.0816
10	88-0733	0.09			
33	88-0734	0.09			
39	88-0735	0.09			
47	88-0736	0.09			
68	88-0737	0.09			
82	88-0738	0.09			
100	88-0739	0.09			
120	88-0740	0.09			
150	88-0741	0.09			
180	88-0742	0.09			
220	88-0743	0.09			
330	88-0744	0.09			
390	88-0745	0.09			
470	88-0746	0.09			
820	88-0747	0.09			
1000	88-0748	0.09			
1200	88-0749	0.09			
1500	88-0750	0.09			
1800	88-0751	0.09			

Value (nH)	Order code	Price per reel of 2000	
		1+	3+
4.7	88-0914	178.50	165.75
10	88-0752	197.63	182.33
33	88-0753	197.63	182.33
39	88-0754	197.63	182.33
47	88-0755	197.63	182.33
68	88-0756	197.63	182.33
82	88-0757	197.63	182.33
100	88-0758	197.63	182.33
120	88-0759	197.63	182.33
150	88-0760	197.63	182.33
180	88-0761	197.63	182.33
220	88-0762	197.63	182.33
330	88-0763	197.63	182.33
390	88-0764	197.63	182.33
470	88-0765	197.63	182.33
820	88-0766	197.63	182.33
1000	88-0767	197.63	182.33
1200	88-0768	197.63	182.33
1500	88-0769	197.63	182.33
1800	88-0770	197.63	182.33

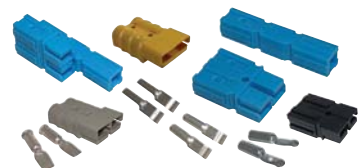


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Fine Inductors
Fastron

1008 F SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 1008 Case size
- Tolerance 10%
- Wide range of values
- Ferrite core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2000** (see price panel for price breaks)

Technical specification

Value (µH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mftrs. pt. no.
1.5	630	25	0.76	1008F-1R5K-01
1.8	600	25	0.84	1008F-1R8K-01
2.2	520	25	1.1	1008F-2R2K-01
4.7	400	25	1.68	1008F-4R7K-01
5.6	380	25	1.82	1008F-5R6K-01
6.8	360	25	2	1008F-6R8K-01
8.2	330	25	2.65	1008F-8R2K-01
10	300	25	2.95	1008F-100K-01
33	180	22	8.9	1008F-330K-01

Value (µH)	Order code	Price each			
		1+	10+	50+	100+
1.5	88-0772	0.11			
1.8	88-0773	0.10			
2.2	88-0774	0.11			
4.7	88-0775	0.11			
5.6	88-0776	0.16	0.1326	0.1224	0.1122
6.8	88-0777	0.10			
8.2	88-0778	0.10			
10	88-0779	0.11			
33	88-0780	0.11			

Value (µH)	Order code	Price per reel of 2000	
		1+	3+
1.5	88-0781	267.75	248.63
1.8	88-0782	267.75	248.63
2.2	88-0783	267.75	248.63
4.7	88-0784	267.75	248.63
5.6	88-0785	267.75	248.63
6.8	88-0786	267.75	248.63
8.2	88-0787	267.75	248.63
10	88-0788	267.75	248.63
33	88-0789	267.75	248.63

Auto transformers

A range of step-up/step-down auto-transformers



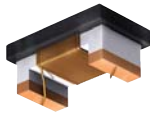
From **£17.80**

Fine Inductors



1206 AS SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 1206 Case size
- Tolerance 5%
- Wide range of values
- Ceramic core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2000** (see price panel for price breaks)

Technical specification

Value (nH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mftrs. pt. no.
3.3	1000	30	0.05	1206AS-3N3J-01
6.8	1000	37	0.07	1206AS-6N8J-01
10	1000	40	0.08	1206AS-010J-01
15	1000	51	0.1	1206AS-015J-01
22	1000	52	0.1	1206AS-022J-01
33	1000	56	0.11	1206AS-033J-01
47	1000	64	0.13	1206AS-047J-01
68	900	61	0.26	1206AS-068J-01
100	850	55	0.26	1206AS-R10J-01
150	750	65	0.31	1206AS-R15J-01
220	670	75	0.5	1206AS-R22J-01
330	590	55	0.62	1206AS-R33J-01
470	490	52	1.3	1206AS-R47J-01
680	430	45	1.58	1206AS-R68J-01
1000	320	45	2.8	1206AS-1R0J-01
2200	280	32	4.5	1206AS-2R2J-01

Price each

Value (nH)	Order code	1+
3.3	88-0791	0.109
6.8	88-0792	0.12
10	88-0793	0.12
15	88-0794	0.12
22	88-0795	0.12
33	88-0796	0.12
47	88-0797	0.12
68	88-0798	0.12
100	88-0799	0.12
150	88-0800	0.109
220	88-0801	0.12
330	88-0802	0.12
470	88-0803	0.12
680	88-0804	0.12
1000	88-0805	0.12
2200	88-0806	0.12

Price per reel of 2000			
Value (nH)	Order code	1+	3+
3.3	88-0807	267.75	248.63
6.8	88-0808	267.75	248.63
10	88-0809	267.75	248.63
15	88-0810	267.75	248.63
22	88-0811	267.75	248.63
33	88-0812	267.75	248.63
47	88-0813	267.75	248.63
68	88-0814	267.75	248.63
100	88-0815	267.75	248.63
150	88-0816	267.75	248.63
220	88-0817	267.75	248.63
330	88-0818	267.75	248.63
470	88-0819	267.75	248.63
680	88-0820	267.75	248.63
1000	88-0821	267.75	248.63
2200	88-0822	267.75	248.63

Fine Inductors



1206F-K SMT Chip inductors engineers sample kit



An engineers sample kit containing 10 each of the 14 most popular values of SMT wire wound chip inductors from the **Fastron 1206F-K** range.

- 10% Tolerance

Technical specification

Value (μH)	Mftrs. pt. no.	Value (μH)	Mftrs. pt. no.
1.5	1206F-1R5K-01	5.6	1206F-5R6K-01
1.8	1206F-1R8K-01	6.8	1206F-6R8K-01
2.2	1206F-2R2K-01	8.2	1206F-8R2K-01
2.7	1206F-2R7K-01	10	1206F-100K-01
3.3	1206F-3R3K-01	12	1206F-120K-01
3.9	1206F-3R9K-01	15	1206F-150K-01
4.7	1206F-4R7K-01	18	1206F-180K-01

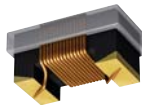
Type	Order code	1+
1206F-K Inductor kit	88-0911	31.36

Fine Inductors



1206 F SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 1206 Case size
- Tolerance 10%
- Wide range of values
- Ferrite core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 2000** (see price panel for price breaks)

Technical specification

Value (μH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mftrs. pt. no.
1.5	320	25	1.2	1206F-1R5K-01
2.2	300	25	1.3	1206F-2R2K-01
3.3	280	25	1.5	1206F-3R3K-01
4.7	280	25	2.2	1206F-4R7K-01
6.8	240	25	2.8	1206F-6R8K-01
10	200	25	4	1206F-100K-01
15	160	16	8.2	1206F-150K-01

Price each

Value (μH)	Order code	1+	10+	50+	100+
1.5	88-0824	0.15			
2.2	88-0825	0.15			
3.3	88-0826	0.14			
4.7	88-0827	0.14			
6.8	88-0828	0.14			
15	88-0830	0.22	0.1938	0.1734	0.153

Price per reel of 2000			
Value (μH)	Order code	1+	3+
1.5	88-0831	357.00	337.88
2.2	88-0832	357.00	337.88
3.3	88-0833	357.00	337.88
4.7	88-0834	357.00	337.88
6.8	88-0835	357.00	337.88
10	88-0836	357.00	337.88
15	88-0837	357.00	337.88

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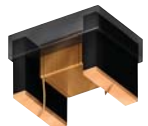


Fine Inductors



1210 F SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications. Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.



- 1210 Case size
- Tolerance 10%
- Wide range of values
- Ferrite core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 800** (see price panel for price breaks)

Technical specification

Value (μH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mftrs. pt. no.
1	600	30	0.28	1210F-1R0K-01
1.5	535	30	0.34	1210F-1R5K-01
2.2	480	30	0.43	1210F-2R2K-01
3.3	425	30	0.55	1210F-3R3K-01
4.7	390	30	0.65	1210F-4R7K-01
6.8	360	27	0.78	1210F-6R8K-01
10	320	27	0.98	1210F-100K-01
15	280	27	1.25	1210F-150K-01
22	260	27	1.45	1210F-220K-01
33	230	25	1.85	1210F-330K-01
47	210	25	2.3	1210F-470K-01
68	190	23	2.8	1210F-680K-01
100	145	22	4.7	1210F-101K-01
150	130	30	6.1	1210F-151K-01
220	115	25	7.5	1210F-221K-01
330	85	23	14.1	1210F-331K-01
470	75	22	20.5	1210F-471K-01
680	65	22	25	1210F-681K-01
1000	55	18	21	1210F-102K-01

Price each		
Value (µH)	Order code	1+
1.5	88-0840	0.16
2.2	88-0841	0.17
3.3	88-0842	0.17
4.7	88-0843	0.118
6.8	88-0844	0.16
10	88-0845	0.17
15	88-0846	0.16
22	88-0847	0.17
33	88-0848	0.17
47	88-0849	0.17
68	88-0850	0.16
100	88-0851	0.17
150	88-0852	0.16
220	88-0853	0.17
330	88-0854	0.16
470	88-0855	0.17
680	88-0856	0.17

Price per reel of 800			
Value (µH)	Order code	1+	3+
1	88-0858	159.38	146.63
1.5	88-0859	159.38	146.63
2.2	88-0860	159.38	146.63
3.3	88-0861	159.38	146.63
4.7	88-0862	159.38	146.63
6.8	88-0863	159.38	146.63
10	88-0864	159.38	146.63
15	88-0865	159.38	146.63
22	88-0866	159.38	146.63
33	88-0867	159.38	146.63
47	88-0868	159.38	146.63
68	88-0869	159.38	146.63
100	88-0870	159.38	146.63
150	88-0871	159.38	146.63
220	88-0872	159.38	146.63
330	88-0873	159.38	146.63
470	88-0874	159.38	146.63
680	88-0875	159.38	146.63
1000	88-0876	159.38	146.63

Fine Inductors
Fastron
1812AF-K SMT Chip inductors
engineers sample kit



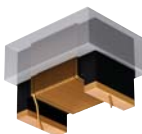
An engineers sample kit containing 10 each of the 26 most popular values of SMT wire wound chip inductors from the **Fastron 1812AF-K** range.
• 10% Tolerance

Technical specification			
Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
12	1812AF-120J-01	150	1812AF-151J-01
15	1812AF-150J-01	180	1812AF-181J-01
18	1812AF-180J-01	220	1812AF-221J-01
22	1812AF-220J-01	270	1812AF-271J-01
27	1812AF-270J-01	330	1812AF-331J-01
33	1812AF-330J-01	390	1812AF-391J-01
39	1812AF-390J-01	470	1812AF-471J-01
47	1812AF-470J-01	560	1812AF-561J-01
56	1812AF-560J-01	680	1812AF-681J-01
68	1812AF-680J-01	820	1812AF-821J-01
82	1812AF-820J-01	1000	1812AF-102J-01
100	1812AF-101J-01	1200	1812AF-122J-01
120	1812AF-121J-01	2200	1812AF-222J-01

Type	Order code	1+
1812AF-K Inductor kit	88-0913	47.96

Fine Inductors
Fastron
1812 AF SMT Chip inductors

These SMT wire wound chip inductors from **Fastron** are designed for RF applications that require optimal Q on high frequency circuits. Featuring gold flash pad metallisation for better solderability ensuring a higher yield in production applications.



Suitable applications include LC resonant circuits such as oscillators and signal generators, impedance matching, circuit isolation and RF filters.

- 1812 Case size
- Tolerance 10%
- Wide range of values
- Ceramic and ferrite core
- Low profile surface mount construction
- Supplied in **small quantities** or on **reels of 600** (see price panel for price breaks)

Technical specification					
Value (µH)	Rated DC current (mA)	Q min.	DCR max. (Ω)	Mfrs. pt. no.	
15	290	42	2.5	1812AF-150K-01	
22	260	45	3.2	1812AF-220K-01	
33	230	45	4	1812AF-330K-01	
47	200	42	5	1812AF-470K-01	
68	180	40	6	1812AF-680K-01	
100	150	40	8	1812AF-101K-01	
150	125	36	13	1812AF151JK-01	
220	115	38	16.2	1812AF-221K-01	
330	100	38	22.5	1812AF-331K-01	
470	85	33	26.5	1812AF-471K-01	
680	60	27	38	1812AF-681K-01	
1000	50	26	44	1812AF-102K-01	
2200	32	18	84	1812AF-222K-01	

Price each		
Value (µH)	Order code	1+
15	88-0878	0.24
22	88-0879	0.24
33	88-0880	0.22
47	88-0881	0.24
68	88-0882	0.22
100	88-0883	0.19
150	88-0884	0.24
220	88-0885	0.22
330	88-0886	0.22
470	88-0887	0.24
680	88-0888	0.21
1000	88-0889	0.22
2200	88-0890	0.24

Price per reel of 600			
Value (µH)	Order code	1+	3+
15	88-0891	165.75	155.55
22	88-0892	165.75	155.55
33	88-0893	165.75	155.55
47	88-0894	165.75	155.55
68	88-0895	165.75	155.55
100	88-0896	165.75	155.55
150	88-0897	165.75	155.55
220	88-0898	165.75	155.55
330	88-0899	165.75	155.55
470	88-0900	165.75	155.55
680	88-0901	165.75	155.55
1000	88-0902	165.75	155.55
2200	88-0903	165.75	155.55

Fine Inductors
Fastron
PISG-M SMT Power inductors
engineers sample kit



An engineers sample kit containing 3 each of the 19 most popular values of SMT wire wound power inductors from the **Fastron PISG-M** range.
• 20% Tolerance

Technical specification			
Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
1	PISG-1R0M-01	47	PISG-470M-01
1.5	PISG-1R5M-01	68	PISG-680M-01
2.2	PISG-2R2M-01	100	PISG-101M-01
3.3	PISG-3R3M-01	150	PISG-151M-01
4.7	PISG-4R7M-01	220	PISG-221M-01
6.8	PISG-6R8M-01	330	PISG-331M-01
10	PISG-100M-01	470	PISG-471M-01
15	PISG-150M-01	680	PISG-681M-01
22	PISG-220M-01	1000	PISG-102M-01
33	PISG-330M-01		

Type	Order code	1+
PISG-M Inductor kit	88-0916	38.13

Fine Inductors
Fastron
PISL-M SMT Power inductors
engineers sample kit



An engineers sample kit containing 3 each of the 13 most popular values of SMT wire wound power inductors from the **Fastron PISL-M** range.
• 20% Tolerance

Technical specification			
Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
10	PISL-100M-04	150	PISL-151M-04
15	PISL-150M-04	220	PISL-221M-04
22	PISL-220M-04	330	PISL-331M-04
33	PISL-330M-04	470	PISL-471M-04
47	PISL-470M-04	680	PISL-681M-04
68	PISL-680M-04	1000	PISL-102M-04
100	PISL-101M-04		

Type	Order code	1+
PISL-M Inductor kit	88-0917	41.95

Fine Inductors
Fastron
PISM-M SMT Power inductors
engineers sample kit



An engineers sample kit containing 3 each of the 19 most popular values of SMT wire wound power inductors from the **Fastron PISM-M** range.
• 20% Tolerance

Technical specification			
Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
1	PISM-1R0M-04	47	PISM-470M-04
1.5	PISM-1R5M-04	68	PISM-680M-04
2.2	PISM-2R2M-04	100	PISM-101M-04
3.3	PISM-3R3M-04	150	PISM-151M-04
4.7	PISM-4R7M-04	220	PISM-221M-04
6.8	PISM-6R8M-04	330	PISM-331M-04
10	PISM-100M-04	470	PISM-471M-04
15	PISM-150M-04	680	PISM-681M-04
22	PISM-220M-04	1000	PISM-102M-04
33	PISM-330M-04		

Type	Order code	1+
PISM-M Inductor kit	88-0918	32.38

No minimum order value
UK mainland only

Miniature surface mount
USB socket 4-pin female

For digital cameras and mobile phones



Fine Inductors
Fastron

PISN-M SMT Power inductors
engineers sample kit



An engineers sample kit containing 2 each of the 13 most popular values of SMT wire wound power inductors from the **Fastron PISN-M** range.

- 20% Tolerance

Technical specification

Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
10	PISN-100M-04	150	PISN-151M-04
15	PISN-150M-04	220	PISN-221M-04
22	PISN-220M-04	330	PISN-331M-04
33	PISN-330M-04	470	PISN-471M-04
47	PISN-470M-04	680	PISN-681M-04
68	PISN-680M-04	1000	PISN-102M-04
100	PISN-101M-04		

Type	Order code	1+
PISN-M Inductor kit	88-0919	35.05

Fine Inductors
Fastron

PISR-M SMT Power inductors
engineers sample kit



An engineers sample kit containing 2 each of the 21 most popular values of SMT wire wound power inductors from the **Fastron PISR-M** range.

- 20% Tolerance

Technical specification

Value (µH)	Mfrs. pt. no.	Value (µH)	Mfrs. pt. no.
1	PISR-1R0M-04	47	PISR-470M-04
1.5	PISR-1R5M-04	68	PISR-680M-04
2.2	PISR-2R2M-04	82	PISR-820M-04
3.3	PISR-3R3M-04	100	PISR-101M-04
4.7	PISR-4R7M-04	150	PISR-151M-04
5.6	PISR-5R6M-04	220	PISR-221M-04
6.8	PISR-6R8M-04	330	PISR-331M-04
10	PISR-100M-04	470	PISR-471M-04
15	PISR-150M-04	680	PISR-681M-04
22	PISR-220M-04	1000	PISR-102M-04
33	PISR-330M-04		

Type	Order code	1+
PISR-M Inductor kit	88-0920	37.82

Nic
NIC COMPONENTS CORP.

NPIS-P SMD Power inductors

A range of surface mount shielded power inductors that provide a wide range of inductance values, high current rating and low DC resistance. These inductors are available in several standard case sizes and are ideal for a wide range of power management and voltage conversion applications.

- Inductance values from 0.15 to 8.2µH
- Current rating up to 52A
- Low profile surface mount construction
- 100% tin terminations
- Suitable for reflow soldering
- Inductance value marked on top of case
- **NIC NPIS-P** series



- Supplied in **small quantities** or on **full reels** (see technical specification for reel sizes)

Technical specification

Value (µH)	Case size	DC Resistance (mΩ)	DC Current I _{sr} (A)
0.56	14	1.9	36
0.15	23	1.2	52
0.22	23	1.3	52
0.33	23	1.5	50
0.47	23	2	44
0.68	23	2.5	40
0.82	23	3	38
1	23	3.5	36
1.5	23	5.5	28
1.8	23	7	24
2.2	23	8	20
3.3	23	12	18
4.7	23	15	16
5.6	23	18	14
6.8	23	22	13
8.2	23	28	12
2.2	25	5.5	32
10	25	34	9.5
0.1	60	1.7	50
0.15	63	2.5	38
0.2	63	3	36
0.22	63	2.8	36
0.33	63	3.9	30
0.47	63	4.2	26
0.68	63	5.5	23
0.82	63	8	20
1	63	10	16
1.5	63	15	14
2.2	63	20	12
3.3	63	30	10
4.7	63	40	6.5

Tolerance	±20%
Temperature range	-55°C to +125°C
Resistance to solder heat	260°C for 5s

Case dimensions L x W x H (mm)	Tape width (mm)	No. of pieces on reel
Case size 14	11.8 x 10.5 x 4.2	24
Case size 23	13.9 x 13.5 x 3.8	24
Case size 25	13.9 x 13.5 x 5.2	24
Case size 60	7.8 x 7.0 x 2.4	16
Case size 63	7.8 x 7.0 x 3.2	16

Value (µH)	Order code	Price each		
		1+	10+	100+
Case size 23				
0.22	88-1112	0.65		
0.47	88-1114	1.01	0.7854	0.714
3.3	88-1106	1.01	0.7854	0.714
6.8	88-1109	0.65		
8.2	88-1110	0.52		
Case size 63				
3.3	88-1121	0.18		
4.7	88-1122	0.15		
0.47	88-1143	415.09		
1	88-1131	282.54		
Case size 25				
2.2	88-1378	157.08		
10	88-1379	157.08		
Case size 60				
0.1	88-1377	199.92		
0.68	88-1157	403.92		

Nic
NIC COMPONENTS CORP.

NPIS-D Shielded power inductor kit



A lidded box containing three each of ten of the most popular values of power inductor. These kits are ideal for prototyping and development work.

- Contains shielded power inductors from the **NIC NPIS-D** range
- For details of components see below

Technical specification

Value (µH)	Case size	Order code
2.2	43	88-1205
3.3	43	88-1207
4.7	43	88-1208
6.8	43	88-1211
10	43	88-1202
15	43	88-1365
22	53	88-1220
33	53	88-1366
47	64	88-1367
100	64	88-1368

Type	Order code	1+
NPIS-D Inductor kit	88-1159	11.22

Nic
NIC COMPONENTS CORP.

NPIS-D SMD Power inductors

A range of surface mount shielded power inductors that provide a wide range of inductance values. These inductors are available in several standard case sizes and are ideal for a wide range of power management and voltage conversion applications.



- Inductance values from 1.2 to 150µH
- Current ratings up to 3.5A
- Low profile surface mount construction
- 100% tin terminations
- Suitable for reflow soldering
- Inductance value marked on top of case
- **NIC NPIS-D** series
- Supplied in **small quantities** or on **full reels** (see technical specification for reel sizes)

Technical specification

Value (µH)	Case size	DC Resistance (Ω)	DC Current I _{sr} (A)
10	42	0.2	0.61
15	42	0.24	0.5
22	42	0.397	0.41
150	42	1.35	0.15
1.2	43	0.0236	2.56
2.2	43	0.0313	2.04
3.3	43	0.0492	1.57
4.7	43	0.072	1.32
5.6	43	0.1009	1.17
6.8	43	0.1089	1.12
10	43	0.1283	1
15	43	0.149	0.76
22	43	0.235	0.7
33	43	0.378	0.56
8	43	0.699	0.35
4.1	52	0.057	1.95
5.4	52	0.076	1.6
8.9	52	0.116	1.25
10	52	0.124	1.2
15	52	0.196	0.97
22	52	0.29	0.8
33	52	0.386	0.65
3	53	0.024	2.4
4.2	53	0.031	2.2
6.2	53	0.045	1.8
8.2	53	0.053	1.6
10	53	0.065	1.3
22	53	0.122	0.9
33	53	0.189	0.75
3	63	0.024	3
5	63	0.031	2.4
33	63	0.165	0.97
47	63	0.238	0.8
5	64	0.024	2.9
6.2	64	0.027	2.5
10	64	0.038	2
22	64	0.096	1.3
33	64	0.124	1.1
47	64	0.155	0.95
82	64	0.7	0.7
100	64	0.358	0.65

Tolerance	±20%
Temperature range	-55°C to +125°C
Resistance to solder heat	250°C for 10s

Case dimensions L x W x H (mm)	Tape width (mm)	No. of pieces on reel
Case size 42	4.8 x 4.8 x 2.0	12
Case size 43	4.8 x 4.8 x 3.0	12
Case size 52	5.6 x 5.6 x 2.0	16
Case size 53	5.6 x 5.6 x 3.0	16
Case size 63	6.6 x 6.6 x 3.0	16
Case size 64	6.6 x 6.6 x 4.0	16

Value (µH)	Order code	Price each		
		1+	10+	100+
Case size 42				
10	88-1160	0.19		
22	88-1163	0.19		
150	88-1162	0.19		
Case size 43				
1.2	88-1165	0.07		
2.2	88-1167	0.19		
4.7	88-1170	0.19		
22	88-1166	0.19		
68	88-1172	0.19		
Case size 52				
4.1	88-1178	0.20		
5.4	88-1179	0.08		
10	88-1174	0.20		
33	88-1177	0.20		
Case size 53				
8.2	88-1186	0.08		
10	88-1181	0.20		
22	88-1182	0.20		
Case size 63				
5	88-1190	0.30		
47	88-1189	0.30		
Case size 64				
5	88-1195	0.24		

10	88-1191	0.30	
22	88-1192	0.30	
82	88-1197	0.44	0.3468 0.306
6.8	88-1211	403.92	
15	88-1365	381.48	
10	88-1212	709.92	
33	88-1366	418.20	
47	88-1227	449.82	
10	88-1229	299.83	
33	88-1231	299.83	
47	88-1367	193.80	
100	88-1368	193.80	



NPI-P Shielded power inductor kit



A lidded box containing three each of ten of the most popular values of power inductor. These kits are ideal for prototyping and development work.

- Contains shielded power inductors from the **NIC NPI-P** range
- For details of components see below

Technical specification

Value (µH)	Case size	Order code
0.68	31	88-1369
1	31	88-1370
3.3	31	88-1371
4.7	31	88-1243
10	31	88-1242
1.5	52	88-1372
2.2	52	88-1373
3.3	52	88-1374
4.7	52	88-1375
10	52	88-1376

Type	Order code	1+
NPI-P Inductor kit	88-1236	11.22



NPI-P SMD Power inductors

A range of surface mount power inductors in the most popular inductance values. These inductors come in case size 31 and are ideal for a wide range of power management and voltage conversion applications.

- Inductance values from 0.33 to 10µH
- Current ratings up to 25A
- Low profile surface mount construction
- 100% tin terminations
- Suitable for reflow soldering
- Inductance value marked on top of case
- **NIC NPI-P** series
- Supplied in **small quantities** or on **full reels** (see technical specification for reel sizes)



Technical specification

Value (µH)	Case size	DC Resistance (mΩ)	DC Current I _{sat} (A)
0.33	31	0.002	20
0.68	31	0.005	13
1	31	0.012	11
3.3	31	0.014	6.4
4.7	31	0.018	5.4
6.8	31	0.027	4.6
8.2	31	0.032	4
10	31	0.038	3.8
1.5	52	0.004	25
2.2	52	0.01	20
3.3	52	0.014	17
4.7	52	0.026	13
10	52	0.018	10

Tolerance ±20%
 Temperature range -40°C to +85°C
 Resistance to solder heat 260°C for 10s

Case dimensions	L x W x H (mm)	Tape width (mm)	No. of pieces on reel
Case size 31	9.91 x 13.5 x 6.35	24	600
Case size 52	16.26 x 22.35 x 8.00	32	250

Price each		
Value (µH)	Order code	1+
Case size 31		
0.33	88-1241	0.23
4.7	88-1238	0.23
6.8	88-1239	0.23
Price per reel		
Case size 31		
0.33	88-1246	128.52
0.68	88-1369	85.68
1	88-1370	85.68
3.3	88-1371	85.68
4.7	88-1243	128.52
6.8	88-1244	128.52
8.2	88-1245	128.52
10	88-1242	128.52
Case size 52		
1.5	88-1372	49.98
2.2	88-1373	49.98
3.3	88-1374	49.98
4.7	88-1375	49.98
10	88-1376	96.85



NPI-W Shielded power inductor kit



A lidded box containing three each of ten of the most popular values of power inductor. These kits are ideal for prototyping and development work.

- Contains shielded power inductors from the **NIC NPI-W** range
- For details of components see below

Technical specification

Value (µH)	Case size	Order code
22	16	88-1301
33	16	88-1302
100	16	88-1299
470	16	88-1303
1	31	88-1311
10	31	88-1305
100	31	88-1307
1000	31	88-1308
22	52	88-1304
47	52	88-1343

Type	Order code	1+
NPI-W Inductor kit	88-1247	14.28



NPI-W SMD Power inductors

A range of surface mount power inductors in the most popular inductance values. These inductors are available in several case sizes and are ideal for a wide range of power management and voltage conversion applications.

- Inductance values from 1 to 1000µH
- Current ratings up to 20A
- Low profile surface mount construction
- 100% tin terminations
- Suitable for reflow soldering
- Inductance value marked on top of case
- **NIC NPI-W** series
- Supplied in **small quantities** or on **full reels** (see technical specification for reel sizes)



Technical specification

Value (µH)	Case size	DC Resistance (mΩ)	DC Current I _{sat} (A)
22	16	0.27	0.7
33	16	0.51	0.58
100	16	1.27	0.31
470	16	5.06	0.16
1000	16	13.8	0.1
1	31	0.009	9
1.5	31	0.01	8
2.2	31	0.012	7
3.3	31	0.015	5.8
4.7	31	0.018	5.2
6.8	31	0.027	4.3
10	31	0.038	3.4
15	31	0.046	3
22	31	0.085	2.5
33	31	0.1	2
47	31	0.14	1.8
68	31	0.2	1.4
100	31	0.28	1.1

150	31	0.4	0.9
220	31	0.61	0.8
330	31	1.02	0.6
470	31	1.27	0.5
680	31	2.02	0.4
1000	31		0.3
15	34	0.05	5.8
22	34	0.066	4.8
33	34	0.08	3.8
220	34	0.44	1.5
330	34	0.7	1.3
680	34	1.2	0.9
1	52	0.009	20
1.5	52	0.012	18
2.2	52	0.014	16
3.3	52	0.018	14
5.6	52	0.02	12
10	52	0.031	10
15	52	0.036	8
33	52	0.066	5.5
47	52	0.086	4.5
68	52	0.13	3.5
100	52	0.19	3
150	52	0.25	2.6
220	52	0.38	2.4
330	52	0.56	1.9
470	52	0.85	1.4
680	52	1.1	1.2
1000	52	1.3	1

Tolerance ±20%
 Temperature range -40°C to +125°C
 Resistance to solder heat 260°C for 10s

Case dimensions	L x W x H (mm)	Tape width (mm)	No. of pieces on reel
Case size 16	4.45 x 6.6 x 2.92	16	2500 pieces
Case size 30	10 x 12.7 x 3	24	1000 pieces
Case size 31	10 x 12.7 x 5	24	500 pieces
Case size 34	10 x 12.7 x 11	32	225 pieces
Case size 52	15 x 18.4 x 7	32	250 pieces

Price each				
Value (µH)	Order code	1+	10+	100+
Case size 16				
22	88-1251	0.24		
100	88-1249	0.24		
470	88-1253	0.24		
Case size 31				
1.5	88-1262	0.12		
2.2	88-1265	0.14		
3.3	88-1268	0.23		
4.7	88-1271	0.23		
10	88-1255	0.33	0.255	0.2346
15	88-1259	0.23		
22	88-1263	0.33	0.255	0.2346
33	88-1266	0.33	0.255	0.2346
47	88-1269	0.33	0.255	0.2346
150	88-1260	0.32	0.25	0.23
220	88-1264	0.33	0.255	0.2346
470	88-1270	0.33	0.255	0.2346
1000	88-1258	0.23		
Case size 34				
22	88-1276	0.44	0.3468	0.306
33	88-1278	0.47	0.3876	0.306
220	88-1277	0.44	0.3468	0.306
Case size 52				
10	88-1281	0.40		
33	88-1290	0.58	0.4488	0.408
47	88-1293	0.339		
68	88-1296	0.58	0.4488	0.408
100	88-1282	0.40		
150	88-1285	0.36		
220	88-1288	0.58	0.4488	0.408

Price per reel				
Case size 16				
22	88-1301	780.30		
33	88-1302	780.30		
100	88-1299	780.30		
470	88-1303	780.30		
1000	88-1300	780.30		
Case size 30				
220	88-1304	229.50		
Case size 31				
1	88-1311	112.20		
1.5	88-1312	112.20		
2.2	88-1315	112.20		
3.3	88-1318	112.20		
4.7	88-1321	98.95		
6.8	88-1324	112.20		
10	88-1305	112.20		
15	88-1309	130.90		
22	88-1313	112.20		
33	88-1316	112.20		
47	88-1319	112.20		
68	88-1322	112.20		
100	88-1307	112.20		
150	88-1310	112.20		
220	88-1314	112.20		
330	88-1317	112.20		
470	88-1320	112.20		
680	88-1323	112.20		
1000	88-1308	112.20		

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Case size 34		
15	88-1325	60.18
22	88-1326	60.18
33	88-1328	60.18
220	88-1327	59.00
680	88-1330	60.18
Case size 52		
1	88-1336	100.98
1.5	88-1337	100.98
2.2	88-1339	100.98
3.3	88-1342	88.95
5.6	88-1345	100.98
10	88-1331	100.98
15	88-1334	100.98
22	88-1364	100.98
33	88-1340	100.98
47	88-1343	100.98
68	88-1346	100.98
100	88-1332	100.98
150	88-1335	100.98
220	88-1338	100.98
330	88-1341	100.98
470	88-1344	79.00
680	88-1347	100.98
1000	88-1333	100.98



Standard radial lead inductors - RLB series

A range of high current rated inductors in a radial package. Suitable for: power supplies, DC/DC converters, general use.

- Radial package
- Low DC resistance
- Fully tinned leads
- Available in E12 series
- Operating temperature -40°C to +105°C

Order Code	Inductance (µH)	Current (A)	Resistance (Ω)	Height (mm)	Diameter (mm)	Lead diameter (mm)	Pitch (mm)	Mfrs. pt. no.
88-1514	4.7	4.7	0.009	12	11.7	0.8	9	RLB1314-4R7ML
88-1516	10	3.2	0.015	12	11.7	0.7	9	RLB1314-100ML
88-1518	15	2.6	0.019	12	11.7	0.7	9	RLB1314-150ML
88-1520	22	2.2	0.026	12	11.7	0.7	9	RLB1314-220KL
88-1522	33	1.8	0.045	12	11.7	0.6	9	RLB1314-330KL
88-1524	47	1.5	0.056	12	11.7	0.6	9	RLB1314-470KL
88-1526	68	1.2	0.092	12	11.7	0.8	7	RLB1314-680KL
88-1528	100	1	0.12	12	11.7	0.8	7	RLB1314-101KL
88-1530	150	0.82	0.2	12	11.7	0.8	7	RLB1314-151KL
88-1532	220	0.68	0.25	12	11.7	0.8	7	RLB1314-221KL
88-1534	330	0.55	0.42	12	11.7	0.8	7	RLB1314-331KL
88-1536	470	0.46	0.51	12	11.7	0.8	7	RLB1314-471KL
88-1538	680	0.38	0.79	12	11.7	0.8	7	RLB1314-681KL
88-1542	1500	0.25	1.7	12	11.7	0.8	7	RLB1314-152KL
88-1544	2200	0.21	2.9	12	11.7	0.8	7	RLB1314-222KL
88-1546	4700	0.14	5.6	12	11.7	0.8	7	RLB1314-472KL
88-1548	10000	0.1	12	12	11.7	0.8	7	RLB1314-103KL



Inductance (µH)	Order code	1+	25+	100+	500+
4.7	88-1514	0.79	0.69	0.45	0.30
10	88-1516	0.79	0.69	0.45	0.30
15	88-1518	0.79	0.69	0.45	0.30
22	88-1520	0.79	0.69	0.45	0.30
33	88-1522	0.79	0.69	0.45	0.30
47	88-1524	0.79	0.69	0.45	0.30
68	88-1526	0.79	0.69	0.45	0.30
100	88-1528	0.79	0.69	0.45	0.30
150	88-1530	0.79	0.69	0.49	0.30
220	88-1532	0.79	0.69	0.45	0.30
330	88-1534	0.79	0.69	0.45	0.30
470	88-1536	0.79	0.69	0.45	0.30
680	88-1538	0.79	0.69	0.45	0.30
1500	88-1542	0.79	0.69	0.45	0.30
2200	88-1544	0.79	0.69	0.45	0.30
4700	88-1546	0.79	0.69	0.45	0.30
10,000	88-1548	0.79	0.69	0.45	0.30

Leaded inductors



Standard radial lead inductors

Standard radial lead inductors particularly suited for use with a wide variety of switching regulators.

- Radial format
- Compact size
- Fully tinned leads
- MIL-I-23053/5 Class III sleeving

Order code	Inductance (µH)	Current (A)	Resistance (Ω)
88-1039	470	0.6	0.465
88-1040	80	0.53	0.63
88-1042	1500	0.33	1.5



Type	Order code	1+	25+	100+	500+
470uH	88-1039	0.625			
680uH	88-1040	1.01	0.9078	0.8058	0.7344
1.5mH	88-1042	0.625			



Low current radial lead inductors

This series of miniature radial lead small outline inductors are ideally suited to power decoupling, low power switching regulators, LF tuned circuits and general applications. Open wound ferrite bobbin insulated overall with flame retardant sleeving.

- Lead pitch 3mm
- Height 11mm
- Diameter 6.5mm
- Lead length 25mm



Inductance (L)	Rdc	I _{max}	Order code
10µH	0.070	1.5A	88-1600
22µH	0.110	1.0A	88-1610
33µH	0.150	0.92A	88-1615
47µH	0.280	0.78A	88-1620
68µH	0.300	0.77A	88-1625
100µH	0.500	0.66A	88-1630
150µH	0.540	0.52A	88-1635
220µH	1.050	0.44A	88-1640
330µH	1.210	0.38A	88-1645
470µH	1.870	0.31A	88-1650
1.0mH	3.500	0.17A	88-1660
1.5mH	5.400	0.13A	88-1665
4.7mH	12.00	0.09A	88-1674
10.0mH	30.00	0.07A	88-1676
33.0mH	95.00	0.04A	88-1682
47.0mH	115.00	0.03A	88-1684
68.0mH	220.00	0.02A	88-1686

Type	Order code	1+	25+	100+	500+
10µH	88-1600	0.499	0.477	0.445	0.414
22µH	88-1610	0.499	0.477	0.455	0.414
33µH	88-1615	0.51	0.4865	0.4539	0.4223
42µH	88-1620	0.51	0.4865	0.4539	0.4223
68µH	88-1625	0.36			
100µH	88-1630	0.499	0.477	0.445	0.414
150µH	88-1635	0.51	0.4865	0.4539	0.4223
220µH	88-1640	0.499	0.477	0.445	0.414
470µH	88-1650	0.499	0.477	0.445	0.414
1.0mH	88-1660	0.499	0.477	0.445	0.414
1.5mH	88-1665	0.36			
4.7mH	88-1674	0.51	0.4865	0.4539	0.4223
10mH	88-1676	0.91	0.8058	0.765	0.7242
33mH	88-1682	0.70	0.6528	0.6222	0.5814
47mH	88-1684	0.70	0.6528	0.6222	0.5814
68mH	88-1686	0.81	0.7548	0.7038	0.6579

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Jack and audio leads



3.5mm
Stereo plug to socket
(lead 3m)

Stereo plug to plug
(lead 1.2m)

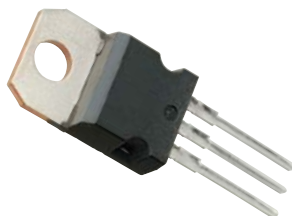
Stereo plug to bare wires
(lead 1.5m)



FROM
£0.468

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Voltage regulators



Fine Inductors
Fastron

Low current leaded RF coils

A range of axially leaded inductors that are suitable for a wide range of applications including decoupling, interference suppression, RF blocking and filtering.

- High Q values
- Tolerance 10%
- Ferrite material
- Operating temperature -55°C to +125°C
- **Fastron MICC** series
- Supplied in **small quantities** or **taped in ammpacks of 1500** (see price panel for price breaks)

Technical specification		DCR	Q	Fastron pt. no.	Each	Ampmpack
Inductance (µH)	Rated DC current (mA)					
1	630	0.25	35	MICC-1R0K-02	88-2800	88-2700
1.5	570	0.3	40	MICC-1R5K-02	88-2801	88-2701
3.3	420	0.5	40	MICC-3R3K-02	88-2802	-
4.7	380	0.65	40	MICC-4R7K-02	88-2803	88-2703
6.8	250	1.45	45	MICC-6R8K-02	88-2804	88-2704
10	230	1.7	50	MICC-100K-02	88-2805	88-2705
15	185	2.7	50	MICC-150K-02	88-2806	88-2706
18	350	0.81	60	MICC-180K-02	88-2807	88-2707
22	335	0.9	60	MICC-220K-02	88-2808	-
33	300	1.12	60	MICC-330K-02	88-2809	88-2709
39	285	1.21	60	MICC-390K-02	88-2810	-
47	230	2.4	60	MICC-470K-02	88-2811	-
68	185	2.9	60	MICC-680K-02	88-2812	-
100	170	3.5	60	MICC-101K-02	88-2813	88-2713
220	130	5.8	60	MICC-221K-02	88-2814	88-2714
1000	55	33	60	MICC-102K-02	88-2815	88-2715

Length (with leads)	63mm
Body length	6.5mm
Body	3.3mm max.
Lead	0.5mm

Value (µH)	Order code	Price each			
		1+	10+	100+	500+
1	88-2800	0.12	0.11	0.09	0.07
1.5	88-2801	0.07	-	-	-
3.3	88-2802	0.054	-	-	-
4.7	88-2803	0.054	-	-	-
6.8	88-2804	0.07	-	-	-
10	88-2805	0.12	0.1122	0.0918	0.0714
18	88-2807	0.054	-	-	-
22	88-2808	0.054	-	-	-
39	88-2810	0.07	-	-	-
47	88-2811	0.12	0.1122	0.0918	0.0714
68	88-2812	0.054	-	-	-
100	88-2813	0.12	0.1122	0.0918	0.0714
220	88-2814	0.054	-	-	-
1000	88-2815	0.12	0.1122	0.0918	0.0714

Value (µH)	Order code	Price per ammpack of 1500	
		1+	3+
1	88-2700	104.55	95.63
1.5	88-2701	62.05	-
4.7	88-2703	104.55	95.63
6.8	88-2704	62.05	-
10	88-2705	104.55	95.63
15	88-2706	104.55	95.63
18	88-2707	104.55	95.63
33	88-2709	104.55	95.63
1000	88-2715	104.55	95.63
100	88-2713	104.55	95.63
220	88-2714	62.05	-

Fine Inductors
Fastron

Medium/high current leaded RF coils - SMCC series

A range of axially leaded inductors that are suitable for a wide range of applications including decoupling, interference suppression, RF blocking and filtering.

- High Q values
- Tolerance 10%
- Ferrite material
- Operating temperature -55°C to +125°C
- **Fastron SMCC** series
- Supplied in **small quantities** or **taped in ammpacks of 1200** (see price panel for price breaks)

Technical specification		DCR	Q	Fastron pt. no.	Order code each	Order code ammpack
Inductance (µH)	Rated DC Current (mA)					
1.5	1100	0.2	50	SMCC-1R5K-02	88-2817	88-2717
2.2	1000	0.25	55	SMCC-2R2K-02	88-2818	88-2718
3.3	900	0.29	60	SMCC-3R3K-02	88-2819	88-2719
4.7	820	0.34	60	SMCC-4R7K-02	88-2820	88-2720
6.8	670	0.51	65	SMCC-6R8K-02	88-2821	88-2721
10	680	0.49	65	SMCC-100K-02	88-2822	-
15	610	0.6	50	SMCC-150K-02	88-2823	88-2723
18	580	0.67	50	SMCC-180K-02	88-2824	88-2724

22	560	0.74	50	SMCC-220K-02	88-2825	88-2725
33	500	0.92	55	SMCC-330K-02	-	88-2726
39	470	1.02	55	SMCC-390K-02	88-2827	88-2727
47	450	1.1	40	SMCC-470K-02	88-2828	88-2728
56	430	1.23	40	SMCC-560K-02	88-2829	88-2729
68	410	1.35	40	SMCC-680K-02	88-2830	88-2730
100	370	1.7	30	SMCC-101K-02	88-2831	-
150	280	2.8	70	SMCC-151K-02	88-2832	88-2732
180	270	3	70	SMCC-181K-02	88-2833	88-2733
220	250	3.3	70	SMCC-221K-02	88-2834	-
390	180	7	70	SMCC-391K-02	88-2836	88-2736
470	170	7.9	70	SMCC-471K-02	88-2837	88-2737
680	150	10	55	SMCC-681K-02	88-2838	88-2738
1000	130	14	50	SMCC-102K-02	88-2839	-
1500	100	21.6	40	SMCC-152K-02	88-2840	88-2740
1800	95	24	40	SMCC-182K-02	88-2841	88-2741
2200	80	34.7	40	SMCC-222K-02	88-2842	-
3300	62	59.5	40	SMCC-332K-02	88-2843	88-2743
4700	55	74	40	SMCC-472K-02	88-2844	88-2744
10000	25	115	20	SMCC-103K-02	88-2845	-

Length (with leads)	64mm
Body length	9.5mm
Body	4mm max.
Lead	0.6mm

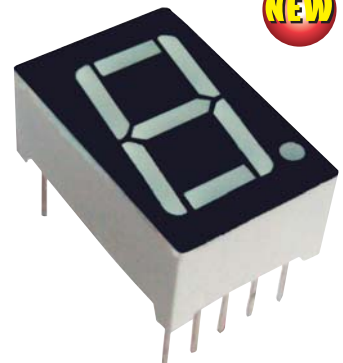
Type	Order code	1+	10+	100+	500+
1.5	88-2817	0.095	-	-	-
2.2	88-2818	0.054	-	-	-
3.3	88-2819	0.095	-	-	-
6.8	88-2821	0.095	-	-	-
10	88-2822	0.054	-	-	-
15	88-2823	0.095	-	-	-
18	88-2824	0.095	-	-	-
22	88-2825	0.095	-	-	-
39	88-2827	0.095	-	-	-
56	88-2829	0.095	-	-	-
68	88-2830	0.095	-	-	-
150	88-2832	0.095	-	-	-
180	88-2833	0.095	-	-	-
220	88-2834	0.095	-	-	-
390	88-2836	0.095	-	-	-
470	88-2837	0.12	0.1091	0.102	0.0969
680	88-2838	0.095	-	-	-
1000	88-2839	0.12	0.1091	0.102	0.0969
1500	88-2840	0.095	-	-	-
1800	88-2841	0.095	-	-	-
2200	88-2842	0.057	-	-	-
3300	88-2843	0.095	-	-	-
4700	88-2844	0.095	-	-	-
10,000	88-2845	0.057	-	-	-
1.5	88-2717	49.70	-	-	-

Type	Order code	1+	3+
2.2	88-2718	123.68	113.48
3.3	88-2719	49.70	-
4.7	88-2720	49.70	-
6.8	88-2721	49.70	-
15	88-2723	49.70	-
18	88-2724	49.70	-
22	88-2725	49.70	-
33	88-2726	123.68	113.48
39	88-2727	53.02	-
47	88-2728	53.02	-
56	88-2729	53.02	-
68	88-2730	53.02	-
150	88-2732	53.02	-
180	88-2733	53.02	-
390	88-2736	53.02	-
470	88-2737	123.68	113.48
680	88-2738	53.02	-
1500	88-2740	53.02	-
1800	88-2741	53.02	-
3300	88-2743	53.02	-

Page 600

14.2mm Single digit displays

A range of seven segment LED displays (0.56in high)



FROM **£0.17**

Fine Inductors
Fastron

Medium/high current leaded RF coils - HBCC series



A range of axially leaded inductors that are suitable for a wide range of applications including decoupling, interference suppression, RF blocking and filtering.

- High Q values
- Tolerance 5%
- Operating temperature -55°C to +125°C
- Ferrite material
- **Fastron HBCC series**
- Supplied in **small quantities** or **taped in ammpacks of 600** (see price panel for price breaks)

Technical specification	Inductance (µH)	Rated DC Current (mA)	DCR max. (Ω)	Q min.	Fastron pt. no.	Order code each	Order code ammpack
	100	600	0.7	50	HBCC-1011-02	-	88-2747
	470	280	2.5	40	HBCC-4711-02	88-2849	88-2749
	1000	200	3.8	60	HBCC-1021-02	88-2850	88-2750
	2200	120	9	60	HBCC-2221-02	88-2851	88-2751
	4700	90	22	60	HBCC-4721-02	88-2852	88-2752
	22000	40	120	50	HBCC-2231-02	88-2854	-

Length (with leads)	66mm
Body length	12.8mm
Body	5.8mm max.
Lead	0.6mm

Type	Order code	1+	10+	100+	500+
470	88-2849	0.18	0.1632	0.1428	0.1224
2200	88-2851	0.12			
4700	88-2852	0.12			
22,000	88-2854	0.12			

Type	Order code	1+	3+
100	88-2747	85.43	75.23
470	88-2749	44.18	
1000	88-2750	44.18	
2200	88-2751	44.18	
4700	88-2752	44.18	

Fine Inductors
Fastron

Low current leaded suppression chokes



A range of axially leaded suppression coils that are suitable for a wide range of applications including RF blocking, filtering, decoupling and interference suppression.

- High rated current
- Low DC resistance
- Tolerance 20%
- Operating temperature -55°C to +125°C
- Iron dust material
- **Fastron MISC series**
- Supplied in **small quantities** or on **reels of 1500** (see price panel for price breaks)

Technical specification	Inductance (µH)	f. (kHz)	Rated DC current (mA)	DCR max. (Ω)	Fastron pt. no.	Each Order code	Reel Order code
	6	1000	1500	228	MISC-6R0M-00	88-2855	88-2755
	14	100	700	912	MISC-140M-00	88-2856	88-2756
	40	100	300	4290	MISC-400M-00	88-2857	88-2757
	100	100	150	22800	MISC-101M-00	88-2858	88-2758

Length (with leads)	87mm
Body length	12mm
Body	5mm max.
Lead	0.8mm

Value (µH)	Order code	1+	10+	100+	500+
6	88-2855	0.24	0.2244	0.204	0.1836
14	88-2856	0.16			
40	88-2857	0.16			
100	88-2858	0.16			
14	88-2756	165.48			
40	88-2757	165.48			
100	88-2758	165.48			

Fine Inductors
Fastron

Medium current leaded suppression chokes



A range of axially leaded suppression coils that are suitable for a wide range of applications including RF blocking, filtering, decoupling and interference suppression.

- High rated current
- Low DC resistance
- Tolerance 20%
- Operating temperature -55°C to +125°C
- **Fastron MESC series**
- Supplied in **small quantities** or on **reels of 1000** (see price panel for price breaks)

Technical specification	Inductance (µH)	f. (kHz)	Rated DC Current (A)	DCR max. (Ω)	Fastron pt. no.	Order code each	Order code reel
Iron dust core							
	10	1000	3	105	MESC-100M-00	88-2859	88-2759
	15	100	2	198	MESC-150M-00	88-2860	88-2760
	25	100	1.5	408	MESC-250M-00	88-2861	88-2761
Ferrite core							
	12	100	4	48	MESC-120M-00	88-2862	88-2762
	40	100	2	216	MESC-400M-00	88-2864	88-2764
	56	100	1.5	360	MESC-560M-00	88-2865	88-2765
	100	100	1	780	MESC-101M-00	88-2866	88-2766
	220	100	0.5	3120	MESC-221M-00	88-2867	88-2767
	470	100	0.3	7800	MESC-471M-00	88-2868	88-2768
	680	100	0.2	16800	MESC-681M-00	88-2869	88-2769
	1200	100	0.1	40800	MESC-122M-00	88-2870	88-2770
	1500	100	0.08	64800	MESC-152M-00	88-2871	88-2771

Length (with leads)	87mm
Body length	24mm
Body	7.5mm max.
Lead	0.8mm

Value (µH)	Core material	Order code	1+
10	Iron dust	88-2859	0.26
15	Iron dust	88-2860	0.26
25	Iron dust	88-2861	0.26
12	Ferrite	88-2862	0.26
40	Ferrite	88-2864	0.26
56	Ferrite	88-2865	0.26
100	Ferrite	88-2866	0.26
220	Ferrite	88-2867	0.26
470	Ferrite	88-2868	0.26
680	Ferrite	88-2869	0.26
1200	Ferrite	88-2870	0.26
1500	Ferrite	88-2871	0.26

Value (µH)	Core material	Order code	1+
10	Iron dust	88-2759	191.86
15	Iron dust	88-2760	191.86
25	Iron dust	88-2761	191.86
12	Ferrite	88-2762	84.91
40	Ferrite	88-2764	84.91
56	Ferrite	88-2765	84.91
100	Ferrite	88-2766	84.91
220	Ferrite	88-2767	84.91
470	Ferrite	88-2768	84.91
680	Ferrite	88-2769	84.91
1200	Ferrite	88-2770	84.91
1500	Ferrite	88-2771	84.91

Fine Inductors
Fastron

Medium/high current leaded suppression chokes



A range of axially leaded suppression coils that are suitable for a wide range of applications including RF blocking, filtering, decoupling and interference suppression.

- High rated current
- Low DC resistance
- Tolerance 20%
- Operating temperature -55°C to +125°C
- Ferrite material
- **Fastron MSSC series**
- Supplied in **small quantities** or in **boxes of 350** (see price panel for price breaks)

Technical specification	Inductance (µH)	f. (MHz)	Rated DC Current (A)	DCR max. (Ω)	Fastron pt. no.	Order code box	Order code box
	3	1	9	6	MSSC-3R0M-00	88-2872	88-2772
	6	1	6	10	MSSC-6R0M-00	88-2873	-
	13	0.1	3	24	MSSC-130M-00	88-2874	88-2774
	20	0.1	3	54	MSSC-200M-00	88-2875	88-2775

Length (with leads)	99.5mm
Body length	29mm
Body	7.5mm max.
Lead	3µH 1.18mm
	6µH 0.95mm
	13µH 0.7mm
	20µH 0.5mm

Value (µH)	Order code	1+
3	88-2872	0.28
6	88-2873	0.28
13	88-2874	0.25
20	88-2875	0.28

Value (µH)	Order code	1+
3	88-2772	67.06
13	88-2774	67.06
20	88-2775	67.06

Downloadable datasheets
www.rapidonline.com

Fine Inductors
Fastron

LSSC High current leaded suppression chokes



A range of axially leaded suppression coils that are suitable for a wide range of applications including RF blocking, filtering, decoupling and interference suppression.

- High rated current
- Low DC resistance
- Tolerance 20%
- Operating temperature -55°C to +125°C
- Ferrite material
- **Fastron LSSC** series
- Supplied in **small quantities** or in **boxes of 200** (see price panel for price breaks)

Technical specification	Rated DC	DCR	Fastron	Order code	Order code
Inductance (µH)	f _L (MHz)	Current (A)	pt. no.	each	box
5	1	10	LSSC-500M-00	88-2876	88-2776
15	0.1	4	LSSC-150M-00	88-2877	88-2777

Length (with leads)	Body length	Body ø	Lead ø
99.5mm	34mm	9.5mm max.	5µH
1.3mm	1.3mm	0.75mm	15µH

Price each				
Value (µH)	Order code	1+	10+	100+
5	88-2876	0.30		
15	88-2877	0.41	0.357	0.3264 0.306

Price per box of 200		
Value (µH)	Order code	1+
5	88-2776	41.88
15	88-2777	62.48

Fine Inductors
Fastron

High current leaded suppression chokes



A range of axially leaded suppression coils that are suitable for a wide range of applications including RF blocking, filtering, decoupling and interference suppression.

- High rated current
- Low DC resistance
- Tolerance 20%
- Operating temperature -55°C to +125°C
- Ferrite material
- **Fastron 77A** series
- Supplied in **small quantities** or in **boxes of 300** (see price panel for price breaks)

Technical specification	Rated DC	DCR	Fastron	Each	Box
Inductance (µH)	f _L (kHz)	Current (A)	pt.no.	Order code	Order code
5.6	1000	8	77A-506M-00	88-2878	88-2778
10	1000	5	77A-100M-00	-	88-2779
15	100	4	77A-150M-00	88-2880	88-2780
33	100	3.5	77A-330M-00	88-2881	88-2781
68	1000	3	77A-680M-00	88-2882	88-2782
150	1000	1.8	77A-151M-00	88-2884	88-2784
330	1000	1.4	77A-331M-00	88-2885	-
680	1000	1	77A-681M-00	88-2886	88-2786
1000	1000	0.8	77A-102M-00	88-2887	-
1500	10	0.7	77A-152M-00	88-2888	88-2788
3300	10	0.5	77A-332M-00	88-2889	88-2789
6800	10	0.35	77A-682M-00	88-2890	88-2790
10000	10	0.3	77A-103M-00	-	88-2791

Length (with leads)	Body length	Body	Lead
92mm	26mm	5.6 to 10µH	8mm
8mm	9mm	15µH	9mm
10mm	10mm	33µH	10mm
11mm	11mm	68 to 10,000µH	11mm
0.8mm			0.8mm

Price each		
Value (µH)	Order code	1+
5.6	88-2878	0.39
15	88-2880	0.39
33	88-2881	0.39
68	88-2882	0.39
150	88-2884	0.39
330	88-2885	0.39
680	88-2886	0.39
1000	88-2887	0.39
1500	88-2888	0.39
3300	88-2889	0.25
6800	88-2890	0.42

Price per box of 300		
Value (µH)	Order code	1+
5.6	88-2778	86.08
10	88-2779	86.08
15	88-2780	86.08
33	88-2781	86.08
68	88-2782	86.08
150	88-2784	86.08
680	88-2786	86.08
1500	88-2788	86.08
3300	88-2789	86.08
6800	88-2790	86.08
10,000	88-2791	86.08



Free delivery

on all orders over £30 (excl. VAT)
(UK mainland only)

RVFM

High current inductors

High current inductors suitable for many power supply and other general purpose filtering applications.

- Radial format
- Low DC resistance
- Fully tinned leads
- PCB mounting hole
- Low temperature dependence
- Operating temperature: -40°C to +85°C



Technical specification	Current	Resistance	Dimensions (mm)		
Order Code	Inductance	Ω	Height	Diameter	Lead diameter
88-1000	22	11	0.011	14	27
88-1002	68	6.2	0.032	14	26.5
88-1009	680	2	0.276	14	25.7
88-1010	1000	1.6	0.419	14	25.6
88-1013	4700	0.6	2.2	14	25.2
88-1016	300	3.5	0.1	18.5	26.2
88-1020	330	4.5	0.091	21.8	31.8
88-1021	470	4	0.125	21.8	31.7

Type	Order code	1+	25+	100+	500+
22µH 11.0A	88-1000	1.64			
68µH 6.2A	88-1002	1.25			
680µH 2.0A	88-1009	1.82			
1.0mH 1.6A	88-1010	2.69	2.27	2.04	1.86
4.7mH 0.6A	88-1013	1.25			
300µH 3.5A	88-1016	1.15			
330µH 4.5A	88-1020	2.69	2.27	2.04	1.86
470µH 4.0A	88-1021	1.25			

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Auto transformers

- 50VA **88-2892** from **£17.80**
- 100VA **88-2893** from **£21.70**
- 150VA **88-2894** from **£28.85**
- 250VA **88-2895** from **£34.40**
- 500VA **88-2896** from **£41.05**
- 1000VA **88-2897** from **£68.85**





High current 1400 series inductors

A range of high current bobbin core inductors for use in many power supply and general purpose filtering applications.

The cores are manufactured in high saturation flux density material and insulated overall by a heatshrunk sleeve. The inductors are suited to direct mounting on printed circuit boards or chassis mounted via the central fixing hole (the use of a non-magnetic screw will ensure mechanical stability).

Suitable applications for these components include: switching regulators, power line filters, audio filters and noise suppression.

- Radial construction
- Low DC resistance
- PCB or chassis mounting
- Low temperature dependence
- Tolerance $\pm 10\%$
- Backward compatible with Sn/Pb soldering systems
- -40°C to $+85^{\circ}\text{C}$ operating temperature



Inductance	Resistance (cont.)	Current	Height	Diameter	Lead dia. (mm)	Murata part no.	Order code
22 μH	11.0A	0.011	14	24.4	1.3	1422311	88-1760
47 μH	8.5A	0.021	14	24.4	1.3	1447385	88-1765
68 μH	6.2A	0.032	14	24.4	1.08	1468362C	88-5100
100 μH	5.4A	0.042	14	24.4	1.1	1410454	88-1720
100 μH	7.8A	0.04	21.8	30	1.3	1410478	88-1725
150 μH	4.0A	0.069	14	24.4	0.9	1415440C	88-5102
150 μH	6.5A	0.042	21.8	29.8	1.2	1415465C	88-5104
220 μH	3.5A	0.096	14	24.4	1.1	1422435	88-1730
220 μH	5.5A	0.062	21.8	30	1.3	1422455	88-1735
300 μH	3.0A	0.14	14	24.4	0.75	1430430C	88-5106
300 μH	3.3A	0.1	18.5	24.4	0.9	1430439C	88-5108
330 μH	2.8A	0.15	14	24.4	0.8	1433428	88-1740
330 μH	4.5A	0.091	21.8	30	1.1	1433445	88-1745
470 μH	2.3A	0.222	14	24.4	0.8	1447423	88-1750
470 μH	4.0A	0.125	21.8	30	1.1	1447440	88-1755
680 μH	2.0A	0.304	14	24.4	0.8	1468420	88-1782
1000 μH	1.6A	0.419	14	24.4	0.8	1410516	88-1787
2200 μH	1.4A	0.622	21.8	29.8	0.67	1422514C	88-5110
4700 μH	0.6A	2.2	14	24.4	0.39	1447506C	88-5112

Value	Current	Order code	1+	10+	50+	100+
22 μH	11.0A	88-1760	2.975			
47 μH	8.5A	88-1765	3.56	3.36	3.25	3.03
68 μH	6.2A	88-5100	3.49	3.29	3.19	2.98
100 μH	6.0A	88-1720	3.56	3.36	3.25	3.03
100 μH	7.8A	88-1725	3.56	3.36	3.25	3.03
150 μH	4.0A	88-5102	3.49	3.29	3.19	2.98
150 μH	6.5A	88-5104	3.49	3.29	3.19	2.98
220 μH	3.5A	88-1730	3.56	3.36	3.25	3.03
220 μH	5.5A	88-1735	3.56	3.36	3.25	3.04
300 μH	3.0A	88-5106	3.49	3.29	3.19	2.98
300 μH	3.3A	88-5108	3.49	3.29	3.19	2.98
330 μH	2.8A	88-1740	3.56	3.36	3.25	3.03
330 μH	4.5A	88-1745	2.788			
470 μH	2.3A	88-1750	3.56	3.36	3.25	3.03
470 μH	4.0A	88-1755	3.56	3.36	3.25	3.04
680 μH	2.0A	88-1782	3.56	3.36	3.25	3.03
1000 μH	1.6A	88-1787	3.56	3.36	3.25	3.03
2200 μH	1.4A	88-5110	3.49	3.29	3.19	2.98
4700 μH	0.6A	88-5112	3.49	3.29	3.19	2.98

Chokes

Electrostatic

Miniature suppression chokes

A range of miniature axial lead RF inductors employing a ferrite core encapsulated in a moulded polypropylene coating suitable for use in applications where RF suppression is required.

- Tinned copper leads
- Electrostatic 1582 series



Inductance	Resistance	Max. DC Current	Q Factor	Self Res. Frequency	Order code
1	0.04	2.2	45	15	26-1320
2.2	0.06	1.8	60	130	26-1325
4.7	0.12	1.3	50	8	26-1330
10	0.35	0.75	50	8	26-1335
100	4	0.22	65	1.5	26-1350
220	7.2	0.2	80	0.8	26-1355
1000	30	0.1	85	0.8	26-1365

Type	Order code	1+	25+	100+	250+
1 μH	26-1320	0.97	0.867	0.816	0.765
2.2 μH	26-1325	0.717			
4.7 μH	26-1330	1.02	0.969	0.918	0.867
10 μH	26-1350	0.878			
220 μH	26-1355	1.99	1.76	1.68	1.58
1000 μH	26-1365	1.95	1.73	1.65	1.55

Electrostatic

Suppression chokes

A range of inductors employing ferrite cores insulated overall in PVC suitable for use in a wide range of circuits where noise suppression is required.

- Tinned copper leads
- Electrostatic 1585 series



Inductance	Resistance	Max. DC current	Self. Res. Frequency	Dimensions Length	Dimensions Dia.	Order code
10	0.025	3	70	25	7.5	26-1425
50	0.06	3	3	27	11.5	26-1435
100	0.09	3	2.5	27	11.5	26-1440
500	0.2	3	1	45	15	26-1445

Type	Order code	1+	25+	100+
10 μH	26-1425	1.12	0.867	0.765
50 μH	26-1435	1.365		
100 μH	26-1440	1.84	1.68	1.60
500 μH	26-1445	1.84	1.63	1.60



Solid inductor suppression chokes

A range of solid ferrite suppression inductors.

- Significantly reduce spurious oscillations in HF amplifiers



Impedance @ 1000MHz	Rated current	DC resistance	L	Dimensions W	Dimensions D	Murata type	Order code
70 Ω	200mA	0.5 Ω	3.2	1.6	1.6	BLM31A700SPT	26-3920
600 Ω	200mA	1.0 Ω	3.2	1.6	1.1	BLM31A601SPT	26-3925

Type	Order code	1+	25+	100+	500+
BLM31A02	26-3920	0.31	0.2244	0.1907	0.1785
BLM32A07	26-3925	0.09			

Toko

Radial PCB suppression chokes

A range of fixed inductors suitable for power decoupling in logic circuits and LF tuned circuit applications.

- Leads are on a standard 5mm pitch



Inductance	MHz	DC resistance max.	I _{max}	Toko type	Order code
10RB series, 10.5mm diameter, 14mm height					
47mH	0.05	52 Ω	13mA	1811Y-473K	27-0010
100mH	0.05	82 Ω	5mA	1811Y-104K	27-0012
8RB series, 8.3mm diameter, 6.2mm height					
0.1mH	0.796	2 Ω	200mA	262LY-101K	27-0014
0.47mH	0.796	5 Ω	100mA	262LY-471K	27-0018
1.0mH	0.252	9 Ω	50mA	262LY-102K	27-0020
4.7mH	0.252	32 Ω	40mA	262LY-472K	27-0024
10mH	0.0796	40 Ω	40mA	262LY-103K	27-0026
8RB series, 8.3mm diameter, 11.2mm height					
3.3mH	0.252	13 Ω	100mA	187LY-332J	27-0045
4.7mH	0.252	18 Ω	50mA	187LY-472J	27-0046
10mH	0.0796	40 Ω	40mA	187LY-103J	27-0047
22mH	0.0796	80 Ω	30mA	187LY-223K	27-0030
8RHB2 series, 8.5mm diameter, 11mm height					
100 μH	0.796	0.29 Ω	0.79A	822LY-101K	27-0036
330 μH	0.796	0.68 Ω	0.43A	822LY-331K	27-0040
470 μH	0.796	1.12 Ω	0.36A	822LY-471K	27-0042
1000 μH	0.796	2.9 Ω	0.29A	822LY-102K	27-0044

Value	Order code	1+	25+	100+	250+
10RB series					
47mH	27-0010	0.64	0.6018	0.5814	0.5539
100mH	27-0012	0.64	0.6018	0.5814	0.5539
8RB series					
0.1mH	27-0014	0.313			
0.47mH	27-0018	0.64	0.6018	0.5814	0.5539
1.0mH	27-0020	0.64	0.6018	0.5814	0.5539
4.7mH	27-0024	0.64	0.6018	0.5814	0.5539
10mH	27-0026	0.63	0.59	0.57	0.543
8RB series					
3.3mH	27-0045	0.144			
4.7mH	27-0046	0.144			
10mH	27-0047	0.35	0.2856	0.2601	0.2397
22mH	27-0030	0.35	0.2856	0.2601	0.2397
8RHB2 series					
100 μH	27-0036	0.64	0.6018	0.5814	0.5539
330 μH	27-0040	0.64	0.6018	0.5814	0.5539
470 μH	27-0042	0.64	0.6018	0.5814	0.5539
1000 μH	27-0044	0.64	0.6018	0.5814	0.5539

No minimum order value

UK mainland only



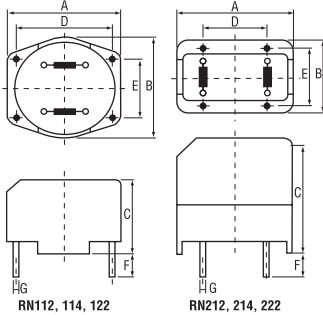
Free delivery
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SCHAFFNER

Common/asymmetrical mode suppression chokes

Compact Schaffner RN series PCB mounting current compensating suppression chokes in a flame retardant housing for general purpose common/asymmetrical mode applications.

- Voltage rating 250V AC
- Common mode resonant frequencies 100kHz to 3MHz
- Operating temperature -25°C to +125°C
- Fully approved to **UL** and **VDE**



Package	A	B	C	D	E	F	G (dia.)
RN112	17.7	17.1	12.6	15	10	4	0.8
RN114	22.5	21.5	13.2	20.1	12.5	4	0.8
RN122	28	27	16.5	25	15	4	0.8
RN212	18	12.5	20	15	10	4	0.8
RN214	23	15.5	25	10	12.5	4	0.8

Current rating (A)	Inductance μ H	Resistance per winding (m Ω)	Schaffner part no.	Order code
40°C				
0.6	15	465	RN112-0.6/02	26-4775
1.5	3.3	135	RN112-1.5/02	26-4780
2	4.2	102	RN114-2/02	26-4790
4	3.3	45	RN122-4/02	26-4800
1.5	3.3	135	RN212-1.5/02	26-4815

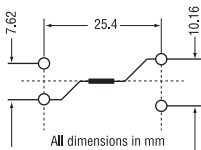
Type	Order code	1+	10+	50+	100+
RN112-0.6/02	26-4775	2.55	2.14	1.79	1.53
RN112-1.5/02	26-4780	3.19	2.68	2.23	1.91
RN114-2/02	26-4790	3.19	2.68	2.23	1.91
RN122-4/02	26-4800	1.50			
RN212-1.5/02	26-4815	1.69			

RVFM

Common/differential mode suppression chokes

A range of vertically mounted, toroidal suppression chokes available in both common mode and differential mode types, with current ratings from 0.5A to 8A.

- The chokes are designed for use in AC and DC circuits up to 250V rms and 440Hz.
- Dimensions: 32 x 32 x 17mm.



PCB mounting detail
4 holes, 1.3mm dia.
View from component side
Pin section 1.14 x 0.38mm

Technical specification	250V AC	2500V AC
Rated voltage	250V AC	2500V AC
Test voltage	2500V AC	2500V AC
Line frequency	DC to 440Hz	DC to 440Hz
Temperature range	-25°C to +100°C	-25°C to +100°C
Temperature rise	30°C rated current	30°C rated current
Current (A)	Inductance mH*	Resistance m Ω *
Common Mode		
4	2.4	40
		* per winding
Differential Mode		
4	0.21	105

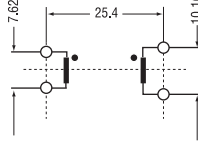
Type	Order code	1+	10+	50+	100+
4.0A	26-7030	1.68	1.53	1.48	1.43
4.0A	26-7065	1.68	1.53	1.48	1.43

LCR

Common/differential mode suppression chokes

A range of UK manufactured open former, common-mode and differential-mode suppression chokes specifically designed to attenuate mains borne RF interference.

- Double wound (common-mode) or single wound (differential-mode) ferrite ring
- Vertical mounting
- Flame-retardant plastic carrier
- High attenuation to unwanted RFI can be achieved by the addition of X2 and Y capacitors



Technical specification	250V AC	2500V AC
Rated voltage	250V AC	2500V AC
Test voltage	2500V AC	2500V AC
Line frequency	50/60Hz	50/60Hz
Temperature rise at rated current	30°C	30°C
Temperature range	-25°C to +85°C	-25°C to +85°C

Current (A)	Inductance mH*	Resistance m Ω *
Common-mode		
2	7.5	160
3	3.2	71
4	2.4	40
6	1.4	19
Differential-mode		
1	1.17	1470
2	0.5	370
3	0.26	140
4	0.21	100
6	0.12	40
8	0.085	25

* per winding

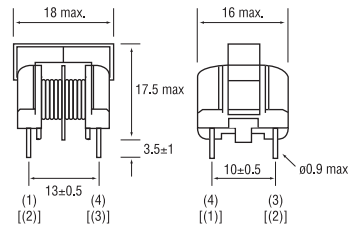
Type	Order code	1+	10+	50+	100+
Common-mode					
2.0A	26-7080	1.838	1.743	1.53	1.407
3.0A	26-7082	1.79	1.69	1.48	1.37
4.0A	26-7084	1.838	1.743	1.53	1.407
6.0A	26-7086	1.84	1.743	1.523	1.41
Differential-mode					
1.0A	26-8016	1.59	1.49	1.43	1.35
2.0A	26-8018	1.59	1.49	1.43	1.35
3.0A	26-8020	1.59	1.49	1.43	1.35
4.0A	26-8022	1.67	1.566	1.50	1.41
6.0A	26-8024	1.59	1.49	1.43	1.35
8.0A	26-8026	1.67	1.57	1.50	1.42

muRata

Noise suppression/EMI filtering coils

The MuRata PLA10 range of compact AC common mode coils is designed for EMI noise filtering applications.

- The low profile vertical core results in a high inductance in a compact shape



Technical specification	Murata part no.
Inductance	Rated Current
1.5mH	2A
3.5mH	1.2A
43mH	0.3A
General specification	
Rated voltage	300V
Insulation resistance	100M Ω min
Withstand voltage	2kV/1min or 2.4kV/1sec
Operating temperature	-25°C to +120°C

Type	Order code	1+	25+	100+	500+
EMC Filter 1.5mH coil	88-1690	0.68	0.6018	0.4896	0.3978
EMC Filter 3.5mH coil	88-1692	0.84	0.75	0.61	0.496
EMC Filter 43mH coil	88-1696	0.63	0.5508	0.4488	0.4182

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