

INDUCTORS



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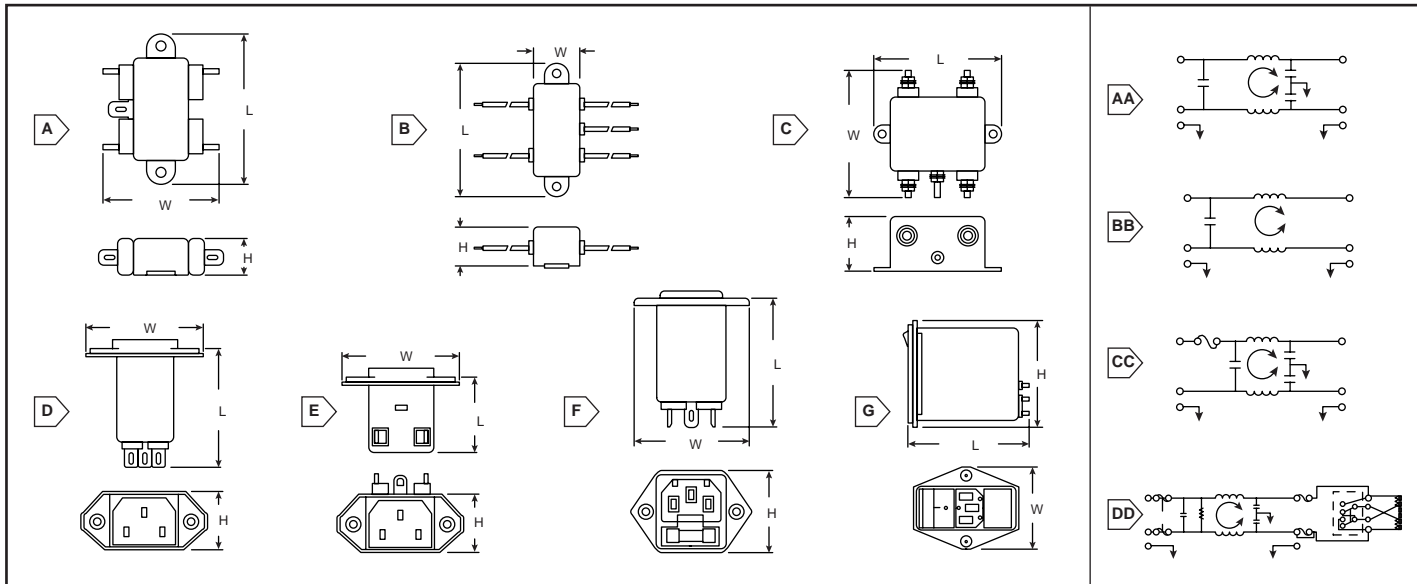
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GENERAL PURPOSE COMMON MODE FILTERS

Designed to economically suppress line-to-ground interference and built to meet or exceed most international safety agency standards and requirements.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram AA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-851-02/1	A	2VB1/2EB1	1.1mH	2A	.65	2.54	2.15	5.29	4.96	4.80
562-851-03/3	A	3VB1/3EB1	2.8mH	3A	.77	2.50	2.54	6.44	6.03	5.84
562-851-03/4	B	3VB3/3EB3	2.8mH	3A	.77	2.50	1.33	6.07	5.69	5.50
562-851-05/5	A	5VB1/5EB1	2.9mH	5A	.77	2.50	2.54	5.95	5.57	5.39
562-851-05/6	B	5VB3/5EB3	2.9mH	5A	.77	2.50	1.33	6.50	6.10	5.89
562-851-10/7	A	10VB1/10EB1	1.5mH	10A	1.18	2.50	2.54	7.69	7.21	6.96
562-851-10/9	C	10VBG	1.5mH	10A	1.18	2.77	3.10	10.35	9.70	9.38
562-851-20/11	C	20VBG	0.7mH	20A	1.15	2.77	3.37	11.42	10.71	10.35

- * Leads without Fastons
- ** Stud Terminals without Fastons

MEDICAL FILTERS

Provide very low leakage current meeting medical and dental equipment requirements for UL544.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA @ 250VAC 50Hz: 5uA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram BB

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/37	D	1EAH1	5.0mH	1A	.82	2.10	2.05	4.20	3.93	3.80
562-857-03/38	D	3EAH1	1.8mH	3A	.82	2.10	2.05	5.07	4.75	4.59
562-857-06/39	D	6EAH1	.6mH	6A	.82	2.10	2.05	4.20	3.93	3.80
562-857-10/40	D	10EAH1	.18mH	10A	.82	2.10	2.05	4.32	4.04	3.91

GENERAL PURPOSE IEC CONNECTOR FILTERS

Provide effective EMI suppression on line-to-ground (common mode) and low frequency line-to-line (differential mode) noise while saving space and reducing cost.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .2mA @ 250VAC 50Hz: .4mA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram AA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/5	D	1EEA1	5mH	1A	.88	2.10	2.06	4.34	4.07	3.93
562-857-01/46	E	1EF2	5mH	1A	.88	1.50	1.58	5.41	5.07	4.91
562-857-03/17	D	3EEA1	1.8mH	3A	.88	2.10	2.06	4.34	4.07	3.93
562-857-03/47	E	3EF2	2.3mH	3A	.88	1.67	1.58	5.41	5.07	4.91
562-857-06/27	D	6EEA1	.6mH	6A	.88	2.10	2.06	4.34	4.07	3.93
562-857-06/48	E	6EF2	.6mH	6A	.88	1.67	1.68	5.41	5.07	4.91
562-857-10/33	D	10EEA1	.18mH	10A	.88	2.10	2.06	5.06	4.75	4.58
562-857-10/49	E	---	.18mH	10A	.88	1.55	1.99	6.83	6.41	6.20

HIGH PERFORMANCE IEC CONNECTOR FILTERS

Provide effective EMI suppression of line-to-ground and low frequency line-to-line noise.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram AA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-858-01/3	D	1EEB1	6.5mH	1A	.88	2.12	1.58	5.64	5.28	5.11
562-858-03/7	D	3EEB1	2.5mH	3A	.88	2.12	1.58	4.80	4.50	4.35
562-858-06/11	D	6EEB1	.8mH	6A	.88	2.12	1.58	4.80	4.50	4.35
562-858-10/15	D	10EEB1	.2mH	10A	.88	2.12	1.58	4.80	4.50	4.35

GENERAL PURPOSE FUSED IEC CONNECTOR FILTERS

Designed for one 5mm x 20mm fuse and a spare fuse with a safety interlock that prevents fuse removal with power cord inserted.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram CC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
				H	L	W	1	25	50
562-860-02/1	F	2.4mH	2A	1.29	2.54	1.73	10.88	10.20	9.86
562-860-04/3	F	2.8mH	4A	1.29	2.23	1.73	10.88	10.20	9.86
562-860-06/5	F	1.3mH	6A	1.29	2.54	1.73	9.79	9.18	8.87

MULTI-FUNCTION MODULE FILTERS

Effectively suppress EMI noise, both line-to-ground (common mode) and line-to-line (differential mode) for general applications. Compact design provides significant savings in space and cost compared with individual components.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz



Use Circuit Diagram CC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
				H	L	W	1	25	50
562-864-03/1	G	8.0mH	3A	2.58	3.51	1.99	24.93	23.37	22.59
562-864-03/3	G	8.0mH	3A	2.58	3.51	1.99	24.93	23.37	22.59
562-864-06/5	G	2.5mH	6A	2.58	3.51	1.99	24.93	23.37	22.59
562-864-06/7	G	2.5mH	6A	2.58	3.51	1.99	24.93	23.37	22.59
562-864-10/9	G	1.6mH	10A	2.58	3.51	1.99	24.93	23.37	22.59
562-864-10/11	G	1.6mH	10A	2.58	3.51	1.99	24.93	23.37	22.59

- * Single fuse model
- ** Double fuse model

NEW IN '97



Inductors and Ferrite Beads

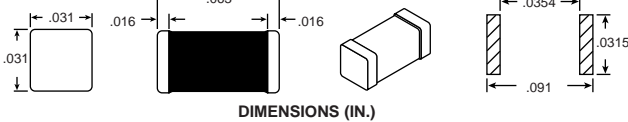
IMC-0603 COATED SURFACE MOUNT INDUCTORS

Features:

- High self-resonant frequency values
- High Q values relative to size at higher frequencies
- Coated coil provides protection and moisture resistance
- Compatible with vapor phase and infrared reflow soldering

Specifications:

- Inductance and Q measured on HP4191A
- SRF measured on HP8753B
- Temperature range: -40°C to +85°C
- Core material: non-magnetic



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (nH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 3000
								1	10	50	
70-IMC0603-2.2	2.2	±3nH	8	100	6000	.09	500	1.20	1.08	1.00	519.00
70-IMC0603-3.3	3.3	±3nH	9	100	5500	.12	500	1.20	1.08	1.00	519.00
70-IMC0603-4.7	4.7	±5%	9	100	4800	.17	450	1.20	1.08	1.00	519.00
70-IMC0603-10	10	±5%	10	100	2800	.32	400	1.20	1.08	1.00	519.00
70-IMC0603-22	22	±5%	10	100	2000	.50	300	1.20	1.08	1.00	519.00
70-IMC0603-33	33	±5%	10	100	1800	.60	300	1.20	1.08	1.00	519.00
70-IMC0603-47	47	±5%	11	100	1800	.95	250	1.20	1.08	1.00	519.00
70-IMC0603-100	100	±5%	12	100	1300	1.8	200	1.20	1.08	1.00	519.00

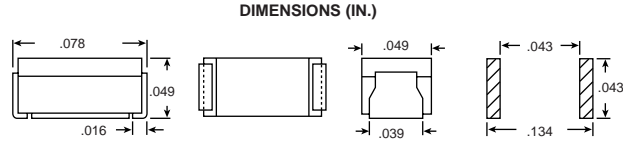
IMC-0805 MOLDED SURFACE MOUNT INDUCTORS

Features:

- High self-resonant frequency values
- High Q values relative to size at higher frequencies
- Molded construction provides superior strength and moisture resistance
- Wirewound construction

Specifications:

- Inductance and Q measured on HP4191A
- SRF measured on HP8753B
- Temperature range: -40°C to +85°C
- Core material: non-magnetic



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (nH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 3000
								1	10	50	
70-IMC0805-10	10	±10%	10	100	3300	.14	540	1.85	1.67	1.48	789.00
70-IMC0805-22	22	±10%	15	100	2600	.22	465	1.85	1.67	1.48	789.00
70-IMC0805-33	33	±10%	15	100	2050	.30	395	1.85	1.67	1.48	789.00
70-IMC0805-47	47	±10%	15	100	1650	.35	385	1.85	1.67	1.48	789.00
70-IMC0805-100	100	±10%	8	25.2	800	.66	285	1.85	1.67	1.48	789.00
70-IMC0805-220	220	±10%	10	25.2	500	1.41	170	1.85	1.67	1.48	789.00
70-IMC0805-330	330	±10%	10	25.2	200	1.66	160	1.85	1.67	1.48	789.00
70-IMC0805-470	470	±10%	10	25.2	150	1.97	145	1.85	1.67	1.48	789.00
70-IMC0805-1000	1000	±10%	8	7.96	80	2.98	120	1.85	1.67	1.48	789.00

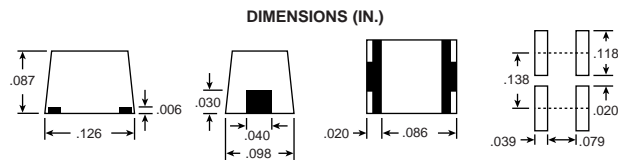
IMC-1210 MOLDED SURFACE MOUNT INDUCTORS

Features:

- Printed marking
- Compatible with vapor phase and infrared reflow soldering
- Molded construction provides superior strength and moisture resistance

Specifications:

- Temperature range: -55°C to +125°C
- Core material: non-magnetic for .10µH, powdered iron for .22µH to 100µH



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (µH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 2000
								1	10	50	
70-IMC1210-.10	.10	±20%	30	50.0	700.0	.44	450	1.38	1.24	1.12	429.00
70-IMC1210-.22	.22	±20%	30	25.2	350.0	.32	484	1.38	1.24	1.12	429.00
70-IMC1210-.47	.47	±20%	30	25.2	220.0	.50	450	1.38	1.24	1.12	429.00
70-IMC1210-1.0	1.0	±10%	30	7.96	120.0	.70	400	1.25	1.13	1.02	389.00
70-IMC1210-1.8	1.8	±10%	30	7.96	80.0	.90	350	1.25	1.13	1.02	389.00
70-IMC1210-2.2	2.2	±10%	30	7.96	75.0	1.0	320	1.25	1.13	1.02	389.00
70-IMC1210-2.7	2.7	±10%	30	7.96	70.0	1.1	290	1.25	1.13	1.02	389.00
70-IMC1210-3.3	3.3	±10%	30	7.96	60.0	1.2	260	1.25	1.13	1.02	389.00
70-IMC1210-4.7	4.7	±10%	30	7.96	50.0	1.5	224	1.25	1.13	1.02	389.00
70-IMC1210-10	10.0	±10%	30	2.52	33.0	2.1	189	1.25	1.13	1.02	389.00
70-IMC1210-22	22.0	±10%	30	2.52	19.0	3.7	145	1.63	1.47	1.32	509.00
70-IMC1210-100	100.0	±10%	20	.796	9.0	14.0	73	1.63	1.47	1.32	509.00

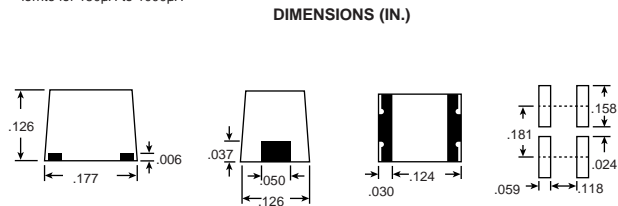
IMC-1812 MOLDED SURFACE MOUNT INDUCTORS

Features:

- Molded construction provides superior strength and moisture resistance
- Printed marking
- Compatible with vapor phase and infrared reflow soldering

Specifications:

- Inductance tolerance: ±10%
- Temperature range: -40°C to +105°C
- Core material: powdered iron for 1.0µH to 100µH, ferrite for 150µH to 1000µH



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (µH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 500
								1	10	50	
70-IMC1812-1.0	1.0	±10%	50	7.96	100.0	.50	450	1.63	1.47	1.33	245.00
70-IMC1812-1.2	1.2	±10%	50	7.96	80.0	.55	430	1.63	1.47	1.33	245.00
70-IMC1812-1.5	1.5	±10%	50	7.96	70.0	.60	410	1.63	1.47	1.33	245.00
70-IMC1812-2.2	2.2	±10%	50	7.96	55.0	.70	380	1.63	1.47	1.33	245.00
70-IMC1812-2.7	2.7	±10%	50	7.96	50.0	.75	370	1.63	1.47	1.33	245.00
70-IMC1812-3.3	3.3	±10%	50	7.96	45.0	.80	355	1.63	1.47	1.33	245.00
70-IMC1812-4.7	4.7	±10%	50	7.96	35.0	1.00	315	1.63	1.47	1.33	245.00
70-IMC1812-5.6	5.6	±10%	50	7.96	33.0	1.10	300	1.63	1.47	1.33	245.00
70-IMC1812-10	10.0	±10%	50	2.52	20.0	1.60	250	1.63	1.47	1.33	245.00
70-IMC1812-15	15.0	±10%	50	2.52	17.0	2.50	200	1.75	1.58	1.43	265.00
70-IMC1812-22	22.0	±10%	50	2.52	13.0	3.20	180	1.75	1.58	1.43	265.00
70-IMC1812-33	33.0	±10%	50	2.52	11.0	4.00	160	1.75	1.58	1.43	265.00
70-IMC1812-47	47.0	±10%	50	2.52	10.0	5.00	140	1.75	1.58	1.43	265.00
70-IMC1812-56	56.0	±10%	50	2.52	9.0	5.50	135	1.90	1.71	1.54	285.00
70-IMC1812-100	100.0	±10%	40	.79	8.0	8.00	110	1.90	1.71	1.54	285.00
70-IMC1812-150	150.0	±10%	40	.79	5.0	9.00	105	1.90	1.71	1.54	285.00
70-IMC1812-220	220.0	±10%	40	.79	4.0	10.0	100	1.90	1.71	1.54	285.00
70-IMC1812-330	330.0	±10%	40	.79	3.5	14.0	85	1.90	1.71	1.54	285.00
70-IMC1812-470	470.0	±10%	40	.79	3.0	26.0	62	2.30	2.07	1.86	345.00
70-IMC1812-1000	1000.0	±10%	30	.25	2.5	40.0	30	2.30	2.07	1.86	345.00

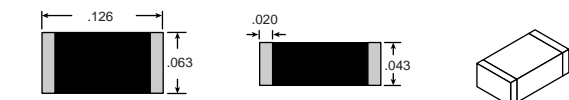
ILB-1206 MULTILAYER FERRITE BEADS

Features:

- High reliability
- Surface mountable
- Temp. range: -55°C to +125°C

Environmental Specifications:

- Thermal shock: 50 cycles, -55°C to +125°C
- Humidity: 90%RH @ +40°C with 200mA DC current, 500 hours
- Load life: +90°C @ full rated current for 2000 hours



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	Imp. (Ω)	Tol.	Frequency (MHz)	DCR Max (Ω)	Rated DC Current (mA)	Price Each			Price Per Reel of 2500
						1	10	50	
70-ILB1206-19	19	±25%	100	.05	500	1.15	1.00	.90	349.00
70-ILB1206-26	26	±25%	100	.05	500	1.15	1.00	.90	349.00
70-ILB1206-31	31	±25%	100	.05	500	1.15	1.00	.90	349.00
70-ILB1206-50	50	±25%	100	.10	350	1.15	1.00	.90	349.00
70-ILB1206-70	70	±25%	100	.15	250	1.15	1.00	.90	349.00
70-ILB1206-120	120	±25%	100	.20	250	1.31	1.14	1.03	389.00
70-ILB1206-150	150	±25%	100	.20	250	1.31	1.14	1.03	389.00
70-ILB1206-300	300	±25%	100	.30	250	1.37	1.19	1.07	409.00
70-ILB1206-500	500	±25%	100	.50	200	1.37	1.19	1.07	409.00
70-ILB1206-600	600	±25%	100	.50	200	1.37	1.19	1.07	409.00

IM-2 MOLDED INDUCTORS

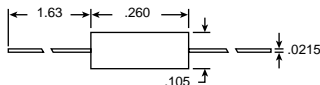
Specifications:

- Insulation resistance: 1000MΩ min.
- Dielectric strength: 1000VAC

Features:

- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IM2-10	.10	±10%	40	25.0	680.0	.08	1350	1.56	1.41	1.25
70-IM2-12	.12	±10%	40	25.0	640.0	.09	1270	1.56	1.41	1.25
70-IM2-15	.15	±10%	38	25.0	600.0	.10	1200	1.56	1.41	1.25
70-IM2-18	.18	±10%	35	25.0	550.0	.12	1105	1.56	1.41	1.25
70-IM2-22	.22	±10%	33	25.0	510.0	.14	1025	1.56	1.41	1.25
70-IM2-27	.27	±10%	33	25.0	430.0	.16	960	1.56	1.41	1.25
70-IM2-33	.33	±10%	30	25.0	410.0	.22	815	1.56	1.41	1.25
70-IM2-39	.39	±10%	30	25.0	365.0	.30	700	1.56	1.41	1.25
70-IM2-47	.47	±10%	30	25.0	330.0	.35	650	1.56	1.41	1.25
70-IM2-56	.56	±10%	30	25.0	300.0	.50	545	1.56	1.41	1.25
70-IM2-68	.68	±10%	28	25.0	275.0	.60	495	1.56	1.41	1.25
70-IM2-82	.82	±10%	28	25.0	250.0	.85	415	1.56	1.41	1.25
70-IM2-1.0	1.0	±10%	25	25.0	230.0	1.0	385	1.56	1.41	1.25
70-IM2-1.2	1.2	±10%	25	7.9	150.0	.18	590	1.89	1.70	1.51
70-IM2-1.5	1.5	±10%	28	7.9	140.0	.22	535	1.89	1.70	1.51
70-IM2-2.2	2.2	±10%	30	7.9	115.0	.40	395	1.89	1.70	1.51
70-IM2-2.7	2.7	±10%	37	7.9	100.0	.55	355	1.89	1.70	1.51
70-IM2-3.3	3.3	±10%	45	7.9	90.0	.85	270	1.89	1.70	1.51
70-IM2-3.9	3.9	±10%	45	7.9	80.0	1.0	250	1.89	1.70	1.51
70-IM2-4.7	4.7	±10%	45	7.9	75.0	1.2	230	1.89	1.70	1.51
70-IM2-5.6	5.6	±10%	50	7.9	65.0	1.8	185	1.89	1.70	1.51
70-IM2-6.8	6.8	±10%	50	7.9	60.0	2.0	175	1.89	1.70	1.51
70-IM2-8.2	8.2	±10%	55	7.9	55.0	2.7	155	1.89	1.70	1.51
70-IM2-10	10.0	±10%	55	7.9	50.0	3.7	130	1.89	1.70	1.51
70-IM2-12	12.0	±10%	45	2.5	40.0	2.7	155	1.89	1.70	1.51
70-IM2-15	15.0	±10%	40	2.5	35.0	2.8	150	1.89	1.70	1.51
70-IM2-22	22.0	±10%	50	2.5	25.0	3.3	140	1.89	1.70	1.51
70-IM2-33	33.0	±10%	45	2.5	24.0	3.4	130	2.04	1.84	1.63
70-IM2-39	39.0	±10%	45	2.5	22.0	3.6	125	2.04	1.84	1.63
70-IM2-47	47.0	±10%	45	2.5	20.0	4.5	110	2.04	1.84	1.63
70-IM2-56	56.0	±10%	45	2.5	18.0	5.7	100	2.04	1.84	1.63
70-IM2-100	100.0	±10%	50	2.5	13.0	8.0	84	2.37	2.13	1.90
70-IM2-220	220.0	±10%	30	.79	9.0	21.0	52	2.37	2.13	1.90
70-IM2-330	330.0	±10%	30	.79	7.0	28.0	45	2.58	2.32	2.07
70-IM2-470	470.0	±10%	30	.79	6.0	42.0	36	2.58	2.32	2.07
70-IM2-1000	1000.0	±10%	30	.79	3.4	72.0	28	2.76	2.49	2.21

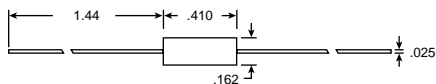
IMS-5 INDUCTORS

Specifications:

- Insulation resistance: 1000MΩ
- Dielectric strength: 1000VAC
- Operating temperature range: -55°C to +105°C

Features:

- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

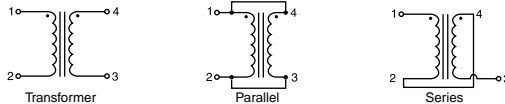
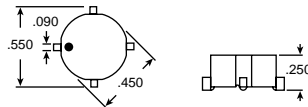
MOUSER STOCK NO.	L (μH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IMS5-1.0	1.0	±10%	44	25.0	140.0	.07	1070	3.24	2.92	2.59
70-IMS5-2.2	2.2	±10%	44	7.9	100.0	.19	650	3.12	2.81	2.50
70-IMS5-3.3	3.3	±10%	44	7.9	85.0	.35	480	3.12	2.81	2.50
70-IMS5-4.7	4.7	±10%	44	7.9	70.0	.55	380	3.12	2.81	2.50
70-IMS5-10	10.0	±10%	50	7.9	46.0	1.62	220	3.12	2.81	2.50
70-IMS5-15	15.0	±10%	45	2.5	49.0	.80	315	3.12	2.81	2.50
70-IMS5-18	18.0	±10%	45	2.5	45.0	.89	300	3.12	2.81	2.50
70-IMS5-22	22.0	±10%	45	2.5	41.0	.96	290	3.12	2.81	2.50
70-IMS5-27	27.0	±10%	45	2.5	38.0	1.19	260	3.12	2.81	2.50
70-IMS5-33	33.0	±10%	45	2.5	34.0	1.37	240	3.12	2.81	2.50
70-IMS5-39	39.0	±10%	50	2.5	29.0	1.93	205	3.12	2.81	2.50
70-IMS5-47	47.0	±10%	50	2.5	27.0	2.11	195	3.12	2.81	2.50
70-IMS5-56	56.0	±10%	50	2.5	25.0	2.23	190	3.12	2.81	2.50
70-IMS5-100	100.0	±10%	50	2.5	10.0	3.12	160	3.24	2.92	2.59
70-IMS5-150	150.0	±10%	55	.79	8.5	4.1	140	3.24	2.92	2.59
70-IMS5-220	220.0	±10%	55	.79	7.5	5.0	125	3.24	2.92	2.59
70-IMS5-470	470.0	±10%	60	.79	5.7	9.5	92	3.36	3.02	2.69
70-IMS5-1000	1000.0	±10%	60	.79	3.8	17.5	70	3.36	3.02	2.69
70-IMS5-2200	2200.0	±10%	45	.25	.97	33.8	50	3.36	3.02	2.69
70-IMS5-3300	3300.0	±10%	45	.25	.84	53.0	40	3.57	3.21	2.86
70-IMS5-4700	4700.0	±10%	45	.25	.74	81.6	31	3.57	3.21	2.86
70-IMS5-5600	5600.0	±10%	44	.25	.73	98.9	28	4.26	3.83	3.41
70-IMS5-6800	6800.0	±10%	40	.25	.66	111.0	27	4.26	3.83	3.41

LPT-4545 TOROIDAL SURFACE MOUNT INDUCTORS

Features:

- Toroidal design for minimal EMI radiation in DC to DC converter applications
- Designed to support the growing need for efficient DC to DC converters in battery operated equipment
- Two separate windings provide versatility by ability to connect windings in series or parallel

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Parallel Connected			Series Connected			Price Each		
	Ind. (μH) ±15%	Rated Current (A)	DCR max. (Ω)	Ind. (μH) ±15%	Rated Current (A)	DCR max. (Ω)	1	10	25
70-LPT4545-100LA	10	4.000	.030	40	2.000	.120	7.96	6.92	4.98
70-LPT4545-200LA	20	2.100	.050	80	1.050	.215	7.96	6.92	4.98
70-LPT4545-500LA	50	1.350	.105	200	.675	.420	7.96	6.92	4.98
70-LPT4545-101LA	100	.950	.175	400	.475	.700	7.96	6.92	4.98
70-LPT4545-151LA	150	.720	.330	600	.360	1.32	7.96	6.92	4.98

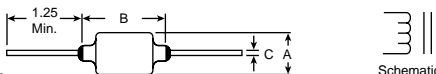
IHA HIGH CURRENT FILTER INDUCTORS

Features:

- Printed circuit mounting (axial leads)
- Pre-tinned leads
- Designed for use with switching power supplies
- Protected by polyolefin sleeve

Specifications:

- Tolerance: ±10%
- Inductance: measured at 1V with no DC current
- Current rating: maximum continuous operating current (DC or RMS) based on 50°C temperature rise
- Operating temperature: -55°C to +75°C @ rated current



DIMENSIONS (IN.)

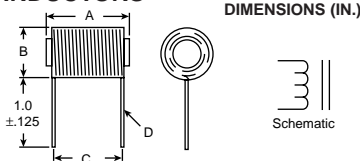
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ind. @ 1kHz (μH)	DCR max. (Ω)	Rated Current (A)	Dimensions (In.)			Price Each		
				A max.	B max.	C±.002	1	10	25
70-IHA-101	50	.12	2.5	.475	.800	.032	5.83	4.96	3.97
70-IHA-102	100	.16	2.1	.475	.800	.032	5.96	5.07	4.06
70-IHA-103	250	.28	1.8	.475	1.05	.032	6.51	5.53	4.42
70-IHA-104	500	.42	1.6	.550	1.05	.032	6.72	5.71	4.57
70-IHA-105	1000	.60	1.4	.550	1.175	.032	7.62	6.48	5.18
70-IHA-201	27	.060	3.7	.500	.800	.032	5.79	4.92	3.94
70-IHA-202	50	.085	3.1	.500	.800	.032	6.00	5.10	4.08
70-IHA-203	100	.12	2.7	.500	.920	.032	6.49	5.52	4.42
70-IHA-204	250	.20	2.4	.600	.920	.032	6.66	5.66	4.53
70-IHA-205	500	.32	2.3	.750	1.05	.032	10.12	8.60	6.88
70-IHA-301	5	.015	6.8	.475	.800	.032	5.80	4.93	3.94
70-IHA-302	10	.021	6.1	.475	.920	.032	6.04	5.13	4.10
70-IHA-303	27	.040	4.8	.550	.800	.032	6.14	5.22	4.18
70-IHA-304	50	.050	4.3	.550	.920	.032	5.89	5.01	4.01
70-IHA-305	100	.070	4.2	.550	1.175	.032	6.49	5.52	4.42
70-IHA-502	10	.015	8.3	.475	1.05	.040	7.49	6.37	5.10
70-IHA-505	100	.060	5.9	.700	1.30	.040	10.03	8.53	6.82

IH HIGH CURRENT FILTER INDUCTORS

Features:

- Printed circuit mounting
- Pre-tinned leads
- Protected by polyolefin tubing



DIMENSIONS (IN.)

Specifications:

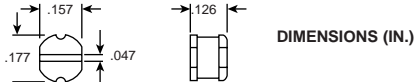
- Tolerance: ±10%
- Inductance: measured at 1V with no DC current
- Operating temperature: -55°C to +75°C @ rated current

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ind. @ 1kHz (μH)	DCR max. (Ω)	Rated Current (A)	Dimensions (In.)				Price Each		
				A max.	B max.	C±.062	D±.005	1	10	25
70-IH3-5	5	.015	10.0	.75	.600	.500	.042	7.58	6.44	5.15
70-IH3-10	10	.018	9.0	1.125	.625	.687	.042	7.84	6.66	5.33
70-IH3-27	27	.035	7.0	.875	.800	.437	.042	8.44	7.17	5.74
70-IH3-50	50	.050	5.6	.875	.800	.750	.042	8.66	7.36	5.89
70-IH3-100	100	.065	5.2	1.125	.800	.937	.042	9.16	7.79	6.23
70-IH3-150	150	.075	5.0	1.375	.800	1.062	.042	9.88	8.40	6.72
70-IH3-250	250	.090	5.0	1.625	.800	1.312	.042	10.34	8.79	7.03
70-IH5-5	5	.012	14.0	.875	.625	.750	.053	7.58	6.44	5.15
70-IH5-10</										

SMT POWER INDUCTORS

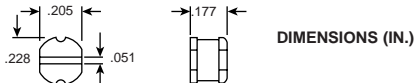
PM43 Series



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each		
							1	100	250
542-PM43-100M	10	20%	2.5MHz	35.8	.182	1.04	2.61	1.74	1.45
542-PM43-180M	18	20%	2.5MHz	27.5	.338	0.74	2.61	1.74	1.45
542-PM43-220M	22	20%	2.5MHz	24.7	.378	0.68	2.61	1.74	1.45
542-PM43-330K	33	10%	2.5MHz	19.6	.540	0.56	2.61	1.74	1.45
542-PM43-470K	47	10%	2.5MHz	15.6	.844	0.44	2.61	1.74	1.45
542-PM43-680K	68	10%	2.5MHz	13.2	1.117	0.37	2.61	1.74	1.45

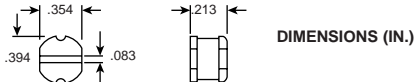
PM54 Series



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each		
							1	100	250
542-PM54-100M	10	20%	2.5MHz	30.6	0.10	1.44	2.61	1.74	1.45
542-PM54-180M	18	20%	2.5MHz	23.3	0.15	1.23	2.61	1.74	1.45
542-PM54-330L	33	15%	2.5MHz	16.3	0.23	0.88	2.61	1.74	1.45
542-PM54-470L	47	15%	2.5MHz	13.6	0.37	0.72	2.61	1.74	1.45
542-PM54-680K	68	10%	2.5MHz	11.7	0.46	0.61	2.61	1.74	1.45
542-PM54-101K	100	10%	1kHz	9.24	0.70	0.52	2.61	1.74	1.45
542-PM54-221K	220	10%	1kHz	5.73	1.57	0.35	2.61	1.74	1.45

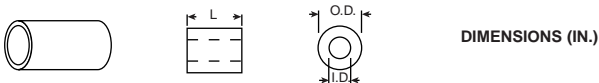
PM105 Series



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each		
							1	100	250
542-PM105-100M	10	20%	2.5MHz	25.1	0.06	2.60	3.29	2.35	1.81
542-PM105-101K	100	10%	1kHz	7.64	0.35	0.97	3.29	2.35	1.81
542-PM105-151K	150	10%	1kHz	5.86	0.47	0.78	3.29	2.35	1.81
542-PM105-221K	220	10%	1kHz	5.25	0.73	0.66	3.29	2.35	1.81

FERRITE BEADS



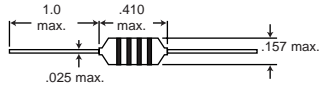
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. Range (MHz)	Max. Dim. (in.)			Price Each		
		O.D.	I.D.	L	1	100	250
542-FB73-085	up to 40	.056	.031	.095	.48	.35	.27
542-FB43-226	40-200	.146	.055	.246	.25	.18	.14
542-FB73-226	up to 40	.146	.055	.246	.36	.27	.20
542-FB73-110	up to 40	.146	.055	.138	.25	.18	.14
542-FB43-110	40-200	.146	.055	.138	.12	.09	.07
542-FB64-110	above 200	.146	.055	.138	.25	.18	.14
542-FB43-422	40-200	.210	.055	.452	.36	.27	.20
542-FB73-422	up to 40	.210	.067	.452	.36	.27	.20
542-FB43-287	40-200	.301	.067	.307	.36	.27	.20
542-FB73-287	up to 40	.301	.099	.307	.48	.35	.27

CONFORMAL COATED CHOKES

Specifications:

- Epoxy coated
- Working voltage: 250VDC max.
- Operating temperature: -20°C to +105°C
- Core material: ferrite
- Leads: tinned copper wire



77F Series

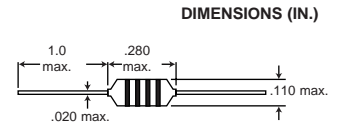
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	100	250
542-77F6R8	6.8	10%	75	7.9	68	.48	550	.55	.40	.30
542-77F100	10	10%	85	7.9	45	.58	500	.55	.40	.30
542-77F270	27	10%	55	2.5	7.6	.94	390	.55	.40	.30
542-77F330	33	5%	55	2.5	6.3	1.03	370	.55	.40	.30
542-77F470	47	5%	45	2.5	6.3	1.22	340	.55	.40	.30
542-77F820	82	5%	35	2.5	5.3	1.62	290	.55	.40	.30
542-77F101	100	5%	30	2.5	4.8	1.80	275	.55	.40	.30
542-77F221	220	5%	70	.79	3.0	5.10	155	.55	.40	.30
542-77F331	330	5%	65	.79	2.6	6.40	137	.55	.40	.30
542-77F391	390	5%	65	.79	2.4	7.00	133	.55	.40	.30
542-77F102	1000	5%	50	.79	1.40	14.0	100	.55	.40	.30

CONFORMAL COATED CHOKES

Specifications:

- Epoxy coated
- Working voltage: 250VDC max.
- Operating temperature: -20°C to +105°C
- Core material: ferrite
- Leads: tinned copper wire



78F Series

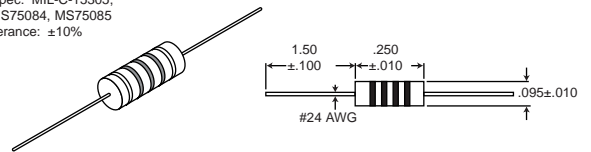
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	100	250
542-78FR22	.22	10%	40	25	380	.08	1025	.55	.40	.30
542-78FR68	.68	10%	40	25	250	.12	495	.55	.40	.30
542-78F1R0	1.0	10%	40	25	180	.15	385	.55	.40	.30
542-78F1R8	1.8	10%	50	7.9	125	.25	455	.55	.40	.30
542-78F2R7	2.7	10%	50	7.9	95	.30	355	.55	.40	.30
542-78F3R3	3.3	5%	50	7.9	70	.34	270	.55	.40	.30
542-78F4R7	4.7	5%	45	7.9	50	.35	230	.55	.40	.30
542-78FR2	8.2	5%	40	7.9	28	.55	155	.55	.40	.30
542-78F100	10	5%	40	7.9	22	.72	130	.55	.40	.30
542-78F120	12	5%	45	2.5	20	.80	155	.55	.40	.30
542-78F220	22	5%	50	2.5	13	1.20	140	.55	.40	.30
542-78F270	27	5%	50	2.5	11	1.35	135	.55	.40	.30
542-78F330	33	5%	50	2.5	10	1.50	193	.55	.40	.30
542-78F390	39	5%	50	2.5	9.5	1.70	185	.55	.40	.30
542-78F470	47	5%	60	2.5	8.5	2.30	167	.55	.40	.30
542-78F101	100	5%	60	2.5	5.5	3.5	125	.55	.40	.30
542-78F121	120	5%	60	.79	5.4	3.8	100	.55	.40	.30
542-78F221	220	5%	60	.79	4.0	5.7	76	.55	.40	.30

9230 SERIES MOLDED RF CHOKES

Specifications:

- Meets MIL Spec: MIL-C-15305, MS75083, MS75084, MS75085
- Inductive tolerance: ±10%



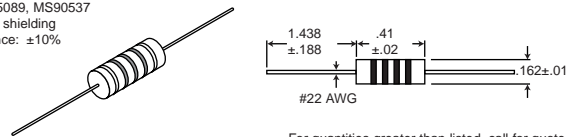
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-9230-94	.1	40	25	690	.07	1100	1.06	.77	.58
542-9230-00	.15	38	25	600	.1	1100	1.06	.77	.58
542-9230-04	.22	33	25	510	.14	935	1.06	.77	.58
542-9230-10	.39	30	25	380	.3	640	1.06	.77	.58
542-9230-12	.47	30	25	340	.35	590	1.06	.77	.58
542-9230-14	.56	30	25	300	.5	495	1.06	.77	.58
542-9230-16	.68	28	25	275	.6	450	1.06	.77	.58
542-9230-20	1.0	25	25	230	1	350	1.06	.77	.58
542-9230-32	3.3	45	7.9	90	.85	380	1.40	1.03	.77
542-9230-34	3.9	45	7.9	82	1	350	1.40	1.03	.77
542-9230-36	4.7	45	7.9	75	1.2	320	1.40	1.03	.77
542-9230-44	10	55	7.9	50	3.7	180	1.57	1.15	.87
542-9230-52	22	50	2.5	25	3.3	190	1.60	1.18	.88
542-9230-56	33	45	2.5	24	3.4	187	1.71	1.25	.94
542-9230-64	68	50	2.5	15	6.7	135	1.71	1.25	.94
542-9230-68	100	50	2.5	13	8	125	1.71	1.25	.94
542-9230-70	120	30	.79	12	13	97	1.81	1.33	1.00

9250 SERIES SHIELDED MOLDED RF CHOKES

Specifications:

- Meets MIL Spec: MIL-C-15305, MS75088, MS75089, MS90537
- Electromagnetic shielding
- Inductive tolerance: ±10%



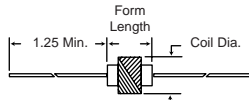
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-9250-102	1.0	44	25	140	.07	1070	2.89	2.12	1.59
542-9250-222	2.2	44	7.9	100	.19	650	2.89	2.12	1.59
542-9250-332	3.3	44	7.9	85	.35	480	2.89	2.12	1.59
542-9250-472	4.7	44	7.9	70	.55	380	2.89	2.12	1.59
542-9250-103	10	50	7.9	46	1.62	220	2.89	2.12	1.59
542-9250-223	22	45	2.5	41	.96	290	2.89	2.12	1.59
542-9250-473	47	50	2.5	27	2.11	195	3.18	2.33	1.75
542-9250-104	100	50	2.5	10	3.12	160	3.48	2.55	1.91
542-9250-224	220	55	.79	7.5	5	125	3.48	2.55	1.91
542-9250-474	470	60	.79	5.7	9.5	92	3.48	2.55	1.91
542-9250-105	1000	60	.79	3.8	17.5	70	3.48	2.55	1.91
542-9250-225	2200	45	.25	.97	33.8	50	3.98	2.92	2.19
542-9250-106	10000								

70F SERIES RF CHOKES

Specifications:

- Varnish impregnated
- Core material: L ≤ 15000μH, iron
L ≥ 33000μH, ferrite



DIMENSIONS (IN.)

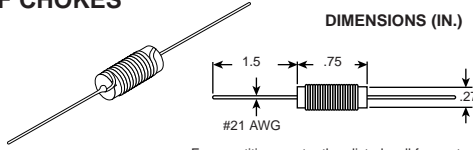
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q Min.	Fo Min.	Rdc Max. Ohms	Idc Max mA	Coil Dia. Max.	Form Length	Price Each		
								1	100	250
542-70F106	1.0	41	118	.048	2041	.165	.25	1.03	.75	.56
542-70F226	2.2	43	87	.156	1132	.16	.25	1.25	.92	.69
542-70F336	3.3	40	66	.24	912	.15	.25	1.25	.92	.69
542-70F476	4.7	43	53	.457	661	.15	.25	1.25	.92	.69
542-70F686	6.8	40	49	.624	566	.15	.25	1.25	.92	.69
542-70F105	10	36	19	1.56	277	.16	.25	1.52	1.11	.83
542-70F225	22	51	13	2.28	229	.165	.25	1.52	1.11	.83
542-70F335	33	50	10	2.76	208	.17	.25	1.52	1.11	.83
542-70F395	39	48	9.3	3.36	188	.175	.25	1.52	1.11	.83
542-70F475	47	44	9.1	3.36	188	.175	.25	1.52	1.11	.83
542-70F104	100	25	3.6	7.68	139	.165	.25	1.65	1.21	.91
542-70F474	470	35	1.8	16.3	95	.185	.25	1.65	1.21	.91
542-70F504	500	49	1.8	18	91	.195	.25	1.74	1.27	.96
542-70F824	820	33	1.6	22.9	80	.21	.25	1.74	1.27	.96
542-70F103	1000	30	1.4	24	79	.225	.25	1.74	1.27	.96
542-70F223	2200	40	.96	45.6	57	.24	.25	1.80	1.32	.99
542-70F253	2500	48	.96	45.6	57	.26	.38	1.80	1.32	.99
542-70F333	3300	52	.8	51.6	53	.26	.38	1.80	1.32	.99
542-70F473	4700	49	.68	64.8	48	.285	.38	1.95	1.43	1.07
542-70F102	10000	41	.52	101	38	.335	.38	1.85	1.36	1.02
542-70F152	15000	50	.32	113	47	.3	.50	3.26	2.39	1.80
542-70F332	33000	61	.232	134	43	.353	.63	4.51	3.31	2.48
542-70F502	50000	57	.196	175	37	.4	.63	4.51	3.31	2.48
542-70F101	100000	48	.157	278	29	.446	.63	3.10	2.27	1.71

AXIAL LEADED RF CHOKES

Phenolic Core

- Inductive tolerance: ±10% (except 542-4602 is ±20%)
- Varnish impregnated

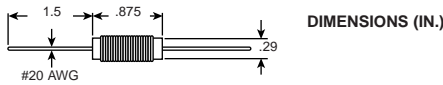


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max.	Idc Max mA	Price Each		
							1	100	250
542-4602	1	50	7.9	190	.05	2000	.98	.72	.54
542-4604	1.5	68	7.9	149	.093	1800	.98	.72	.54
542-4606	2.4	56	7.9	120	.19	1500	.98	.72	.54
542-4608	3.9	60	7.9	93	.45	1000	.98	.72	.54
542-4609	5.5	57	7.9	80	.67	850	.98	.72	.54
542-4610	6.2	57	7.9	76	.83	700	.98	.72	.54
542-4611	8.2	57	7.9	65	1.2	600	.98	.72	.54
542-4612	10	36	2.5	61	1.5	500	.98	.72	.54

Iron Core

- Inductive tolerance: ±5%
- Varnish impregnated



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max.	Idc Max mA	Price Each		
							1	100	250
542-4622	10	69	2.5	40	.11	1500	1.32	.97	.73
542-4624	15	62	2.5	33	.17	1000	1.32	.97	.73
542-4626	24	65	2.5	25	.34	800	1.32	.97	.73
542-4629	55	72	2.5	17	1	500	1.32	.97	.73
542-4630	62	83	2.5	16	1.2	475	1.34	.99	.74
542-4631	82	85	2.5	13	1.9	450	1.34	.99	.74
542-4632	100	107	.79	12	3	400	1.34	.99	.74

HEAVY DUTY HASH CHOKES

Specifications:

- L ≤ 4μH measured on Q meter @ 7.9 MHz
- L ≥ 40μH measured on 1 KHz bridge
- Inductive tolerance: ±20%



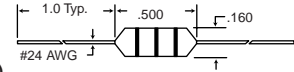
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Rdc Max. Ohms	Idc Max Amps	Coil Dia. Max.	Form Length	Core Material	Price Each		
							1	100	250
542-5230	4	.012	8	.38	.875	Ferrite	2.39	1.75	1.31
542-5240	40	.082	3	.31	1.25	Ferrite	2.39	1.75	1.31
542-5248	68	.054	5	.56	1.25	Ferrite	2.88	2.11	1.55
542-5250	100	.216	2	.38	1.25	Ferrite	2.88	2.11	1.55
542-5252	125	.08	3.5	.5	1.25	Ferrite	3.18	2.33	1.72
542-5254	250	.17	2.5	.44	1.25	Ferrite	3.18	2.33	1.72
542-5256	500	.26	2	.56	1.25	Ferrite	3.18	2.33	1.72
542-5258	1000	.55	1	.5	1.25	Ferrite	3.27	2.40	1.80
542-5218	3.35	.01	20	.6	1.25	Iron	5.37	3.94	2.95
542-5219	4.9	.016	15	.6	1.25	Iron	5.03	3.69	2.77
542-5220	8.8	.021	10	.56	1.25	Iron	4.78	3.51	2.63

MINIATURE HIGH CURRENT RF CHOKES

Specifications:

- Epoxy conformal coated
- Operating temperature: -55°C to +105°C



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

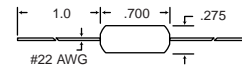
MOUSER STOCK NO.	L (μH)	Inductive Tolerance	Incr I mA	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-5300-01	1.0	10%	3000	190	.018	3300	1.70	1.25	.93
542-5300-03	1.5	10%	2500	160	.020	3100	1.70	1.25	.93
542-5300-10	5.6	10%	1300	64	.074	1600	1.60	1.18	.88
542-5300-13	10	10%	970	25	.095	1500	1.60	1.18	.88
542-5300-17	22	10%	640	8.4	.19	1000	1.60	1.18	.88
542-5300-19	33	10%	530	7.6	.24	910	1.60	1.18	.88
542-5300-21	47	10%	430	6.0	.35	760	1.65	1.21	.91
542-5300-25	100	10%	300	3.9	.67	550	1.65	1.21	.91
542-5300-27	150	10%	250	3.2	1.2	410	1.65	1.21	.91
542-5300-29	220	10%	200	2.3	1.9	320	1.65	1.21	.91
542-5300-32	390	10%	150	1.7	3.0	260	1.76	1.29	.97
542-5300-33	470	10%	140	1.4	3.4	240	1.76	1.29	.97

HIGH CURRENT RF CHOKES

Specifications:

- Coils finished with sleeving VW1 Rated
- Inductance measured @ 1KHz
- Operating temperature: -55°C to +105°C

5800 Series

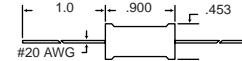


DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Inductive Tolerance	Rdc Max. Ohms @ +20°C	Saturation Current DC Amps	Suggested Rated Current AC	Price Each		
						1	100	250
542-5800-3R9	3.9	10%	.019	7.3	1.28	1.88	1.38	1.03
542-5800-8R2	8.2	10%	.028	4.5	1.28	1.88	1.38	1.03
542-5800-100	10	10%	.033	4.1	1.28	1.88	1.38	1.03
542-5800-470	47	10%	.109	1.8	.804	1.88	1.38	1.03
542-5800-560	56	10%	.140	1.7	.804	1.88	1.38	1.03
542-5800-820	82	10%	.152	1.4	.804	1.88	1.38	1.03
542-5800-101	100	10%	.208	1.2	.632	1.88	1.38	1.03
542-5800-121	120	10%	.283	1.1	.508	1.88	1.38	1.03
542-5800-151	150	10%	.340	1.0	.508	1.88	1.38	1.03
542-5800-181	180	10%	.362	.95	.508	1.88	1.38	1.03
542-5800-221	220	10%	.430	.86	.508	1.88	1.38	1.03
542-5800-271	270	10%	.557	.77	.400	1.88	1.38	1.03
542-5800-331	330	10%	.665	.70	.400	1.88	1.38	1.03
542-5800-391	390	10%	.772	.64	.400	1.88	1.38	1.03
542-5800-471	470	10%	1.15	.59	.315	1.88	1.38	1.03
542-5800-102	1000	10%	2.30	.40	.200	1.88	1.38	1.03
542-5800-152	1500	10%	3.45	.33	.158	1.88	1.38	1.03
542-5800-222	2200	10%	4.48	.27	.158	1.88	1.38	1.03
542-5800-472	4700	10%	10.5	.18	.100	1.88	1.38	1.03
542-5800-682	6800	10%	16.3	.151	.082	1.88	1.38	1.03
542-5800-103	10000	10%	26.4	.125	.050	1.88	1.38	1.03

5900 Series



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

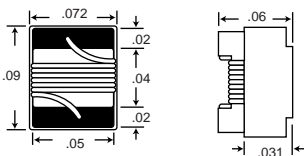
MOUSER STOCK NO.	L (μH)	Inductive Tolerance	Rdc Max. Ohms @ +20°C	Saturation Current DC Amps	Suggested Rated Current AC	Price Each		
						1	100	250
542-5900-100	10	10%	.017	8.70	4.0	3.82	2.80	2.10
542-5900-220	22	10%	.026	6.07	4.0	3.82	2.80	2.10
542-5900-470	47	10%	.035	3.98	4.0	3.82	2.80	2.10
542-5900-560	56	10%	.037	3.66	3.2	3.82	2.80	2.10
542-5900-101	100	10%	.090	2.79	1.6	3.82	2.80	2.10
542-5900-121	120	10%	.113	2.54	1.6	3.82	2.80	2.10
542-5900-151	150	10%	.129	2.22	1.6	3.82	2.80	2.10
542-5900-221	220	10%	.162	1.89	1.6	3.82	2.80	2.10
542-5900-271	270	10%	.208	1.63	1.6	3.82	2.80	2.10
542-5900-331	330	10%	.212	1.51	1.6	3.82	2.80	2.10
542-5900-391	390	10%	.281	1.39	1.6	3.82	2.80	2.10
542-5900-471	470	10%	.380	1.24	1.2	3.82	2.80	2.10
542-5900-681	680	10%	.548	1.05	1.0	3.82	2.80	2.10
542-5900-102	1000	10%	.844	.87	0.8	3.82	2.80	2.10
542-5900-152	1500	10%	1.18	.70	0.6	3.82	2	

SMD Inductors and Ferrite Beads

XICON Fastron 0805A SERIES CHIP INDUCTORS

Features:

- Pad: tungsten-nickel with gold-flash
- Epoxy molded flat top
- Soldering methods: wave, reflow, vapor phase
- Solderability: 260°C max., 10 seconds
- Operating temp.: -55°C to +125°C
- Packing: 8mm blister tape
- Resistance to solvent: conform to MIL-STD-202E



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

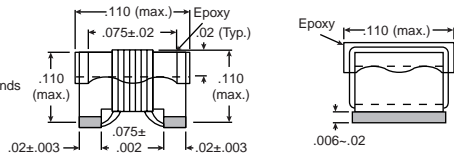
MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			
							1	100	500	1000
434-14-2N2M	.0022	45	250	.05	600	6000	1.50	1.05	.85	.72
434-14-6N8M	.0068	50	250	.11	600	5500	1.50	1.05	.85	.72
434-14-022M	.022	55	250	.22	600	2600	1.50	1.05	.85	.72
434-14-033M	.033	60	250	.27	500	2050	1.50	1.05	.85	.72
434-14-047M	.047	60	200	.31	500	1650	1.50	1.05	.85	.72
434-14-056K	.056	60	200	.34	500	1550	1.50	1.05	.85	.72
434-14-068K	.068	60	200	.38	500	1450	1.50	1.05	.85	.72
434-14-082K	.082	65	150	.42	500	1300	1.50	1.05	.85	.72
434-14-R10K	.10	65	150	.46	400	1200	1.50	1.05	.85	.72
434-14-R22K	.22	50	100	.80	400	850	1.50	1.05	.85	.72
434-14-R27K	.27	40	100	1.50	280	720	1.50	1.05	.85	.72
434-14-R47K	.47	40	100	2.50	170	720	1.50	1.05	.85	.72
434-14-R68K	.68	30	50	4.00	170	600	1.50	1.05	.85	.72

NEW IN '97

XICON Fastron 1008A SERIES SMD INDUCTORS

Features:

- Pad: tungsten-nickel
- Epoxy molded flat top
- Soldering methods: wave, reflow, vapor phase
- Solderability: 260°C max., 10 seconds
- Operating temp.: -55°C to +125°C
- Packing: 8mm blister tape
- Resistance to solvent: conform to MIL-STD-202E



DIMENSIONS (IN.)

±20% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			Price Per Reel of 2000
							1	100	500	
434-07-010M	.01	30	100	.050	1850	1450	1.40	.98	.79	840.00
434-07-022M	.022	40	100	.060	1450	1000	1.40	.98	.79	840.00

±10% Tolerance

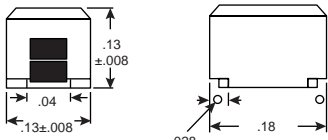
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			Price Per Reel of 2000
							1	100	500	
434-07-033K	.033	50	100	.060	1450	1000	1.40	.98	.79	840.00
434-07-039K	.039	50	100	.075	1300	1000	1.40	.98	.79	840.00
434-07-047K	.047	50	100	.079	1300	1000	1.40	.98	.79	840.00
434-07-056K	.056	50	100	.090	1260	1000	1.40	.98	.79	840.00
434-07-068K	.068	50	100	.090	1260	1000	1.40	.98	.79	840.00
434-07-082K	.082	50	100	.150	820	1000	1.40	.98	.79	840.00
434-07-R10K	.10	50	100	.150	820	1000	1.40	.98	.79	840.00
434-07-R12K	.12	40	100	.180	820	825	1.40	.98	.79	840.00
434-07-R18K	.18	40	50	200	770	770	1.40	.98	.79	840.00
434-07-R22K	.22	40	50	260	660	690	1.40	.98	.79	840.00
434-07-R27K	.27	40	50	300	610	650	1.40	.98	.79	840.00
434-07-R33K	.33	40	50	450	500	570	1.40	.98	.79	840.00
434-07-R39K	.39	35	50	700	360	520	1.40	.98	.79	840.00
434-07-R47K	.47	35	50	780	310	490	1.40	.98	.79	840.00
434-07-R56K	.56	35	35	1.20	260	440	1.40	.98	.79	840.00
434-07-R68K	.68	35	35	2.10	200	390	1.40	.98	.79	840.00
434-07-R82K	.82	35	35	2.30	170	360	1.40	.98	.79	840.00
434-07-1R0K	1.0	35	35	2.70	170	330	1.40	.98	.79	840.00
434-07-1R2K	1.2	35	35	3.00	170	310	1.40	.98	.79	840.00
434-07-1R5K	1.5	30	35	5.2	170	250	1.40	.98	.79	840.00

1812 SURFACE MOUNT INDUCTORS

Features:

- Specially developed for automatic mounting applications
- Ferrite based product in a sealed thermoset plastic package
- Smooth top surface: particularly well suited to pick and place equipment
- Suitable to dip and wave solder
- Minimum 100MΩ insulation
- Operating temp. range: -25°C to +85°C
- Employs copper terminations with barrier layer



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. (Ω)	Rated DC (mA)	Price Each			Price Per Reel of 500
							1	10	100	
435-0012	1.2	50	7.96	80	.30	500	.97	.88	.80	302.90
435-0022	2.2	50	7.96	55	.40	430	.97	.88	.80	302.90
435-0047	4.7	50	7.96	35	.57	360	.97	.88	.80	302.90
435-0100	10	40	7.96	20	.84	300	.97	.88	.80	302.90
435-0220	22	40	2.52	16	1.7	200	.97	.88	.80	302.90
435-0330	33	40	2.52	14	2.2	180	.97	.88	.80	302.90
435-0470	47	40	2.52	12	2.7	160	.97	.88	.80	302.90
435-1000	100	50	.796	8.5	5.6	110	.97	.88	.80	302.90
435-1500	150	50	.796	6.0	10.6	80	.97	.88	.80	302.90
435-2200	220	50	.796	5.0	13.7	70	.97	.88	.80	302.90

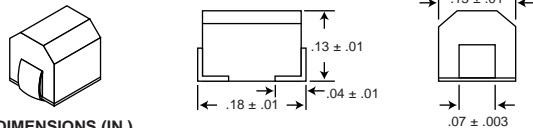
1812 MAGNETIC SHIELDED CHIP INDUCTORS

Specifications:

- Temperature rise: 20°C max.
- Ambient temperature: 80°C max.
- Operating temperature: -20°C to +100°C
- Storage temperature: -40°C to +100°C

Features:

- Very strong solderability
- Can be mounted automatically
- Terminals are highly resistant to pull forces
- Highly resistant to mechanical shocks and pressure



DIMENSIONS (IN.)

To order reels add: "/Reel" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. (Ω)	Rated DC (mA)	Price Each			Price Per Reel of 500
							1	10	100	
435-18-R10M	0.10	28	25.2	700	0.44	450	.84	.65	.49	199.00
435-18-R15M	0.15	30	25.2	450	0.25	450	.84	.65	.49	199.00
435-18-R22M	0.22	30	25.2	350	0.32	450	.84	.65	.49	199.00
435-18-R33M	0.33	30	25.2	300	0.40	450	.84	.65	.49	199.00
435-18-R47M	0.47	30	25.2	220	0.50	450	.84	.65	.49	199.00
435-18-R68M	0.68	30	25.2	160	0.60	450	.84	.65	.49	199.00
435-18-1R0M	1.0	50	7.96	100	0.50	450	.84	.65	.49	199.00
435-18-1R2M	1.2	50	7.96	80	0.55	430	.84	.65	.49	199.00
435-18-1R5M	1.5	50	7.96	70	0.60	410	.84	.65	.49	199.00
435-18-1R8M	1.8	50	7.96	60	0.65	390	.84	.65	.49	199.00
435-18-2R2M	2.2	50	7.96	55	0.70	380	.84	.65	.49	199.00
435-18-2R7M	2.7	50	7.96	50	0.75	370	.84	.65	.49	199.00
435-18-3R3M	3.3	50	7.96	45	0.80	355	.84	.65	.49	199.00
435-18-4R7M	4.7	50	7.96	35	1.00	315	.84	.65	.49	199.00
435-18-5R6M	5.6	50	7.96	33	1.10	300	.84	.65	.49	199.00
435-18-6R8K	6.8	50	7.96	27	1.20	285	.84	.65	.49	199.00
435-18-8R2K	8.2	50	7.96	25	1.40	270	.84	.65	.49	199.00
435-18-100K	10	50	2.52	20	1.60	250	.84	.65	.49	199.00
435-18-120K	12	50	2.52	18	2.00	225	.84	.65	.49	199.00
435-18-150K	15	50	2.52	17	2.50	200	.84	.65	.49	199.00
435-18-180K	18	50	2.52	15	2.80	190	.84	.65	.49	199.00
435-18-220K	22	50	2.52	13	3.20	180	.84	.65	.49	199.00
435-18-270K	27	50	2.52	12	3.60	170	.84	.65	.49	199.00
435-18-330K	33	50	2.52	11	4.00	160	.84	.65	.49	199.00
435-18-470K	47	50	2.52	10	5.00	140	.84	.65	.49	199.00
435-18-560K	56	50	2.52	9	5.50	135	.84	.65	.49	199.00
435-18-101K	100	40	0.796	7	8.00	110	.84	.65	.49	199.00
435-18-151K	150	40	0.796	5	9.00	105	.84	.65	.49	199.00
435-18-181K	180	40	0.796	5	9.50	102	.84	.65	.49	199.00
435-18-221K	220	40	0.796	4	12.00	100	.84	.65	.49	199.00
435-18-331K	330	30	0.796	3	20.00	85	.84	.65	.49	199.00
435-18-471K	470	30	0.796	3	26.00	62	.84	.65	.49	199.00
435-18-681K	680	30	0.796	2	40.00	50	.84	.65	.49	199.00
435-18-102K	1000	30	0.796	2	50.00	30	.84	.65	.49	199.00

HiQ™ FERRITE CHIP BEADS

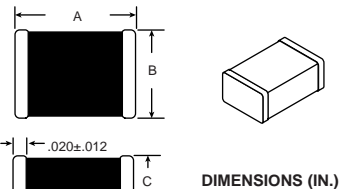
Ferrite Chip Beads provide an effective means of EMI/RFI attenuation for electronic equipment. These items are specially designed for flow, reflow, and wave soldering applications.

Specifications:

- Impedance tolerance: ±25%
- Operating temperature: -25°C to 85°C
- Storage temperature: -40°C to 85°C

* Stock Number: 436-2600 dimension C = .063±.008

EIA SIZE	Dimensions (in.)		
	A	B	C
0805	.079±.008	.049±.008	.035±.008
*1206	.126±.008	.063±.008	.043±.008
1210	.126±.008	.099±.008	.051±.008
1806	.177±.010	.063±.008	.063±.008
1812	.177±.010	.126±.008	.059±.008



DIMENSIONS (IN.)

To order reels add "REEL" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	EIA Size	Imped. (Ω) @ 100MHz	DC Resist. (Ω) max.	Rated Current (mA) max.	Price Each			Qty. Per Reel	Price Per Reel
					1	100	500		
436-1110	0805	11	0.10	600	.30	.20	.18	4000	537.60
436-1121	0805	120	0.60	200	.33	.22	.20	4000	578.56
436-1151	0805	150	0.50	300	.52	.35	.32	4000	921.60
436-1601	0805	600	1.00	200	.69	.			

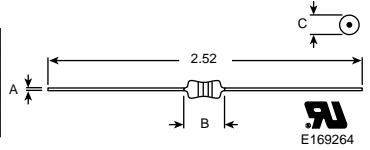
EPOXY CONFORMAL COATED CHOKES

These choke coils are UL recognized and feature an inductance of 0.15µH to 1000µH, capable of handling currents from 55mA to 1.35 amps. They are more economical than molded chokes and require no more board space than a 1/2 watt resistor. Tape and reel, ammo pack, and formed leads are available upon request.

- Solderability: according to MIL-STD-202F method 208D
- Operating temperature: IEC climatic category: 55/125/56; DIN climatic category: FKf: -55 to 125°C, humidity category F
- Product assurance: according to MIL-STD-790
- EIA color coded



Choke Coil Type	Dimensions (In.)		
	A	B	C
Micro Miniature	.02	.134 max.	.095 max.
Miniature	.02	.276 max.	.118 max.
Small	.024	.374 max.	.158 max.



Micro Miniature Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-21-1R0	1.0	±20	40	7.96	150.0	0.5	500	.36	.27	.22	.18
434-21-2R2	2.2	±20	40	7.96	45.0	0.4	430	.36	.27	.22	.18
434-21-2R7	2.7	±20	40	7.96	40.0	0.7	335	.36	.27	.22	.18
434-21-3R3	3.3	±20	40	7.96	38.0	0.8	325	.36	.27	.22	.18
434-21-4R7	4.7	±20	40	7.96	32.0	1.2	250	.36	.27	.22	.18
434-21-5R6	5.6	±20	40	7.96	30.0	1.3	250	.36	.27	.22	.18
434-21-6R8	6.8	±20	40	7.96	28.0	1.3	220	.36	.27	.22	.18
434-21-10.0	10.0	±10	40	7.96	24.0	2.2	180	.36	.27	.22	.18
434-21-15.0	15.0	±10	40	2.52	20.0	2.6	155	.36	.27	.22	.18
434-21-18.0	18.0	±10	40	2.52	18.0	3.0	150	.36	.27	.22	.18
434-21-22.0	22.0	±10	40	2.52	17.0	3.4	148	.36	.27	.22	.18
434-21-27.0	27.0	±10	40	2.52	16.0	4.3	145	.36	.27	.22	.18
434-21-33.0	33.0	±10	40	2.52	14.0	4.7	140	.36	.27	.22	.18
434-21-47.0	47.0	±10	40	2.52	12.0	5.8	120	.36	.27	.22	.18
434-21-100.0	100.0	±10	40	2.52	9.0	12.0	78	.36	.27	.22	.18

Miniature Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-22-R15	.15	±10	35	25.2	500.0	.13	1020	.36	.27	.22	.18
434-22-R22	.22	±10	35	25.2	420.0	.16	990	.36	.27	.22	.18
434-22-R27	.27	±10	35	25.2	380.0	.17	910	.36	.27	.22	.18
434-22-R33	.33	±10	35	25.2	330.0	.20	830	.36	.27	.22	.18
434-22-R39	.39	±10	35	25.2	300.0	.22	790	.36	.27	.22	.18
434-22-R47	.47	±10	35	25.2	280.0	.25	750	.36	.27	.22	.18
434-22-R56	.56	±10	35	25.2	260.0	.28	700	.36	.27	.22	.18
434-22-R68	.68	±10	35	25.2	240.0	.48	530	.36	.27	.22	.18
434-22-R82	.82	±10	35	25.2	230.0	.55	500	.36	.27	.22	.18
434-22-1R0	1.00	±5	35	25.2	180.0	.25	630	.36	.27	.22	.18
434-22-1R2	1.20	±5	40	7.96	170.0	.25	610	.36	.27	.22	.18
434-22-1R5	1.50	±5	40	7.96	150.0	.30	570	.36	.27	.22	.18
434-22-1R8	1.80	±5	40	7.96	130.0	.30	540	.36	.27	.22	.18
434-22-2R2	2.20	±5	40	7.96	120.0	.35	520	.36	.27	.22	.18
434-22-2R7	2.70	±5	40	7.96	110.0	.40	480	.36	.27	.22	.18
434-22-3R3	3.30	±5	40	7.96	110.0	.50	420	.36	.27	.22	.18
434-22-3R9	3.90	±5	40	7.96	100.0	.55	400	.36	.27	.22	.18
434-22-4R7	4.70	±5	40	7.96	90.0	.65	380	.36	.27	.22	.18
434-22-5R6	5.60	±5	45	7.96	75.0	1.30	260	.36	.27	.22	.18
434-22-6R8	6.80	±5	45	7.96	70.0	1.45	250	.36	.27	.22	.18
434-22-8R2	8.20	±5	50	7.96	65.0	1.60	240	.36	.27	.22	.18
434-22-10.0	10.00	±5	50	7.96	60.0	1.70	230	.36	.27	.22	.18
434-22-12.0	12.00	±5	50	2.52	50.0	2.40	190	.36	.27	.22	.18
434-22-15.0	15.00	±5	50	2.52	45.0	2.70	185	.36	.27	.22	.18
434-22-18.0	18.00	±5	60	2.52	14.0	0.81	350	.36	.27	.22	.18
434-22-22.0	22.00	±5	60	2.52	12.0	0.90	335	.36	.27	.22	.18
434-22-27.0	27.00	±5	60	2.52	11.0	1.00	315	.36	.27	.22	.18
434-22-33.0	33.00	±5	60	2.52	10.0	1.12	300	.36	.27	.22	.18

Miniature Choke Coils (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-22-390	39.00	±5	60	2.52	8.5	1.21	285	.36	.27	.22	.18
434-22-470	47.00	±5	60	2.52	7.7	2.40	200	.36	.27	.22	.18
434-22-560	56.00	±5	60	2.52	6.8	2.60	195	.36	.27	.22	.18
434-22-680	68.00	±5	60	2.52	5.7	2.90	185	.36	.27	.22	.18
434-22-820	82.00	±5	60	2.52	5.5	3.20	175	.36	.27	.22	.18
434-22-101	100.00	±5	60	2.52	5.3	3.50	170	.36	.27	.22	.18
434-22-121	120.00	±5	60	0.79	5.0	3.80	160	.36	.27	.22	.18
434-22-151	150.00	±5	60	0.79	4.6	4.30	150	.36	.27	.22	.18
434-22-181	180.00	±5	60	0.79	4.2	5.30	135	.36	.27	.22	.18
434-22-221	220.00	±5	60	0.79	3.8	5.80	130	.36	.27	.22	.18
434-22-271	270.00	±5	60	0.79	3.2	7.80	115	.36	.27	.22	.18
434-22-331	330.00	±5	60	0.79	3.0	8.70	105	.36	.27	.22	.18
434-22-391	390.00	±5	60	0.79	2.7	11.00	95	.36	.27	.22	.18
434-22-471	470.00	±5	60	0.79	2.3	12.00	90	.36	.27	.22	.18
434-22-561	560.00	±5	60	0.79	2.2	16.50	75	.36	.27	.22	.18
434-22-681	680.00	±5	60	0.79	2.0	22.00	65	.36	.27	.22	.18
434-22-821	820.00	±5	60	0.79	1.8	25.00	60	.36	.27	.22	.18
434-22-102	1000.00	±5	60	0.79	1.5	33.00	55	.36	.27	.22	.18

Small Choke Coils

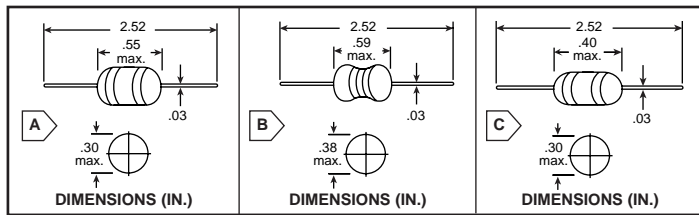
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-23-R33	.33	±20	45	25.2	250.0	0.12	1350	.36	.27	.22	.18
434-23-R47	.47	±20	45	25.2	220.0	0.14	1280	.36	.27	.22	.18
434-23-R68	.68	±20	45	25.2	200.0	0.16	1225	.36	.27	.22	.18
434-23-1R0	1.00	±10	45	25.2	205.0	0.16	1200	.36	.27	.22	.18
434-23-1R5	1.50	±10	50	7.96	165.0	0.20	1100	.36	.27	.22	.18
434-23-2R2	2.20	±10	55	7.96	140.0	0.25	1000	.36	.27	.22	.18
434-23-3R3	3.30	±10	60	7.96	115.0	0.29	900	.36	.27	.22	.18
434-23-4R7	4.70	±10	60	7.96	95.0	0.34	820	.36	.27	.22	.18
434-23-6R8	6.80	±10	65	7.96	75.0	0.51	670	.36	.27	.22	.18
434-23-100	10.00	±10	65	7.96	35.0	0.49	680	.36	.27	.22	.18
434-23-120	12.00	±10	50	2.52	30.0	0.55	650	.36	.27	.22	.18
434-23-150	15.00	±10	50	2.52	20.0	0.60	610	.36	.27	.22	.18
434-23-180	18.00	±10	50	2.52	17.0	0.67	580	.36	.27	.22	.18
434-23-220	22.00	±10	50	2.52	13.0	0.74	560	.36	.27	.22	.18
434-23-270	27.00	±10	55	2.52	10.0	0.83	530	.36	.27	.22	.18
434-23-330	33.00	±10	55	2.52	9.0	0.92	500	.36	.27	.22	.18
434-23-470	47.00	±10	40	2.52	7.5	1.10	450	.36	.27	.22	.18
434-23-101	100.00	±10	70	0.79	5.0	1.70	370	.36	.27	.22	.18
434-23-151	150.00	±10	70	0.79	4.2	2.80	360	.36	.27	.22	.18
434-23-221	220.00	±10	70	0.79	3.7	3.30	250	.36	.27	.22	.18
434-23-331	330.00	±10	70	0.79	2.7	6.40	190	.36	.27	.22	.18
434-23-471	470.00	±10	70	0.79	2.2	7.90	170	.36	.27	.22	.18
434-23-681	680.00	±10	55	0.79	1.9	10.00	150	.36	.27	.22	.18
434-23-102	1000.00	±10	50	0.79	1.6	14.00	130	.36	.27	.22	.18

CHOKES

These choke coils feature inductances from 33,000µH to 10µH capable of handling currents from 50mA to 7 amps. Their ferrite cores allow smaller forms, requiring less board space. Formed, tape and reel, and ammo packaging are available upon request. Call our full service line, (800) 346-6873 for quote.

- Insulation strength: 2.0KV (epoxy coated)
- Operating temp.: -25°C to +85°C, Δ L/L (25°C) <±10%
- EIA color coded
- Axial leads
- Inductance test freq.: High current chokes: 1MHz; Low and medium current chokes: 20KHz



Low Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
									1	100	500	1000
434-06-681K	A	680	±10	80	796	2.30	3.7	170	1.07	.71	.64	.60
434-06-821K	A	820	±10	80	796	2.10	4.1	160	1.07	.71	.64	.60
434-06-102J	A	1000	±5	100	252	1.80	5.4	150	1.07	.71	.64	.60
434-06-122J	A	1200	±5	100	252	1.60	5.8	140	1.07	.71	.64	.60
434-06-152J	A	1500	±5	100	252	1.50	6.5	130	1.07	.71	.64	.60

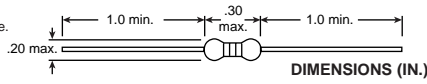
HiQ™ Chokes and Coils

MINIATURE EPOXY COATED CHOKES

Price Each			
1	100	500	1000
.41	.31	.24	.20

For quantities greater than listed, call for quote.

- Smaller than 1/2 watt resistor
- Moisture resistant
- EIA color code



MOUSER STOCK NO.	L (μH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LS227	.22	10	50	25.2	300.0	.12	1400
43LS337	.33	10	55	25.2	250.0	.14	1280
43LS477	.47	10	50	25.2	220.0	.17	1150
43LS687	.68	10	55	25.2	190.0	.20	1040
43LS106	1.00	5	45	25.2	157.0	.21	920
43LS126	1.20	5	50	7.96	144.0	.22	880
43LS156	1.50	5	50	7.96	131.0	.23	830
43LS226	2.20	5	55	7.96	110.0	.28	750
43LS276	2.70	5	60	7.96	100.0	.30	720

MOUSER STOCK NO.	L (μH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LS336	3.30	5	65	7.96	94.0	.34	670
43LS476	4.70	5	70	7.96	58.0	.39	620
43LS566	5.60	5	70	7.96	50.0	.43	590
43LS686	6.80	5	75	7.96	40.0	.49	550
43LS105	10.00	5	65	7.96	30.0	.63	500
43LS125	12.00	5	55	2.52	25.0	.65	480
43LS155	15.00	5	55	2.52	20.0	.81	460
43LS185	18.00	5	50	2.52	14.0	.82	430
43LS225	22.00	5	50	2.52	8.0	.95	410

MOUSER STOCK NO.	L (μH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LS275	27.00	5	45	2.52	7.0	1.05	390
43LS335	33.00	5	45	2.52	6.0	1.05	370
43LS395	39.00	5	45	2.52	6.0	1.10	350
43LS475	47.00	5	40	2.52	5.0	1.31	340
43LS565	56.00	5	40	2.52	5.6	1.28	320
43LS685	68.00	5	40	2.52	5.0	1.62	305
43LS825	82.00	5	35	2.52	5.0	1.71	290
43LS104	100.00	5	30	2.52	4.5	2.10	275
43LS154	150.00	5	55	.796	3.0	3.48	175
43LS224	220.00	5	60	.796	2.5	4.84	155
43LS334	330.00	5	60	.796	2.0	6.40	137
43LS474	470.00	5	60	.796	1.9	7.70	126
43LS564	560.00	5	60	.796	1.8	8.50	120
43LS103	1000.00	5	40	.796	1.0	14.00	100

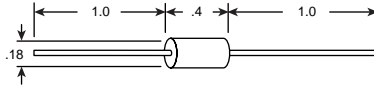
QUALITY MOLDED CHOKES

Price Each			
1	100	500	1000
.65	.59	.54	.49

For quantities greater than listed, call for quote.

Specifications:

- MIL-Spec: MIL-C-15305
- Moisture resistant
- Tolerance: ±10%
- Smaller than 1/2 watt resistor



MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43HH106	1.0	50	25.2	200	0.29	785
43HH226	2.2	33	7.9	135	0.95	435
43HH276	2.7	33	7.9	120	1.20	385
43HH336	3.3	33	7.9	110	2.00	300
43HH476	4.7	33	7.9	90	2.60	260
43HH105	10	55	7.9	45	0.90	290

MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43HH155	15	65	2.5	40	1.40	240
43HH225	22	75	2.5	30	2.50	175
43HH335	33	65	2.5	19	3.00	165
43HH395	39	60	2.5	14.5	2.60	176
43HH475	47	55	2.5	13.0	2.75	170
43HH685	68	55	2.5	11.0	3.30	156

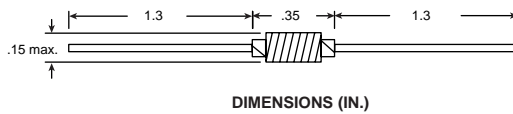
MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43HH825	82	50	2.5	10.3	3.90	143
43HH104	100	50	2.5	9.5	4.50	133
43HH154	150	65	0.79	8.0	6.05	114
43HH224	220	65	0.79	6.2	7.45	103
43HH474	470	65	0.79	3.9	17.9	100
43HH103	1000	55	0.79	2.3	33.1	74

SUB-MINIATURE RF CHOKES

For quantities greater than listed, call for quote.

Price Each			
1	100	500	1000
.38	.26	.24	.22

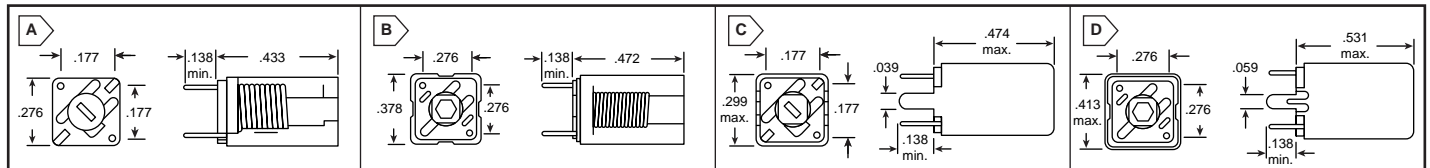
- Inductive tolerance: .10 to 1.0μH ±20%
1.2 to 1000μH ±10%
- Varnished dipped
- Core materials: Ferrite



MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LQ107	.10	45	25.2	575	.025	2828
43LQ157	.15	45	25.2	500	.03	2582
43LQ227	.22	45	25.2	400	.04	2236
43LQ337	.33	45	25.2	325	.075	1633
43LQ477	.47	45	25.2	275	.15	1154
43LQ687	.68	45	25.2	225	.25	894
43LQ757	.75	45	25.2	200	.275	852
43LQ827	.82	45	25.2	175	.30	816
43LQ106	1.0	40	7.96	125	.36	745
43LQ126	1.2	40	7.96	100	.10	1414
43LQ156	1.5	40	7.96	95	.115	1318
43LQ186	1.8	40	7.96	85	.12	1290
43LQ226	2.2	40	7.96	83	.165	1100

MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LQ276	2.7	40	7.96	75	.185	1039
43LQ336	3.3	35	7.96	65	.275	852
43LQ396	3.9	35	7.96	60	.30	816
43LQ476	4.7	35	7.96	55	.465	655
43LQ566	5.6	35	7.96	50	.50	632
43LQ686	6.8	35	7.96	50	.625	565
43LQ756	7.5	35	7.96	45	.65	554
43LQ826	8.2	35	7.96	40	.75	516
43LQ105	10.0	35	7.96	30	1.50	365
43LQ125	12.0	30	2.52	26	1.37	318
43LQ155	15.0	30	2.52	20	1.62	305
43LQ185	18.0	30	2.52	14	1.71	278
43LQ225	22.0	30	2.52	10	1.88	225

MOUSER STOCK NO.	L (μH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LQ275	27.0	30	2.52	7	2.03	200
43LQ335	33.0	30	2.52	5	2.39	196
43LQ395	39.0	30	2.52	4.3	2.53	192
43LQ475	47.0	30	2.52	4.0	2.78	186
43LQ565	56.0	30	2.52	3.8	3.06	179
43LQ685	68.0	30	2.52	3.5	3.42	170
43LQ825	82.0	30	2.52	3.3	3.59	154
43LQ104	100.0	30	.796	3.0	4.35	136
43LQ124	120.0	30	.796	2.5	4.14	115
43LQ154	150.0	30	.796	2.5	4.85	104
43LQ184	180.0	30	.796	2.2	5.00	95
43LQ224	220.0	30	.796	2.0	5.87	83.5
43LQ274	270.0	30	.796	1.5	8.06	77
43LQ334	330.0	30	.796	1.4	8.50	69
43LQ394	390.0	30	.796	1.4	9.31	60
43LQ474	470.0	30	.796	1.2	13.9	51
43LQ564	560.0	30	.796	1.1	15.1	48
43LQ684	680.0	30	.796	1.1	15.7	40.25
43LQ824	820.0	30	.796	1.0	18.5	32
43LQ103	1000.0	30	.796	.9	22.2	30



7mm (.276") TUNABLE COILS

- Core material: ferrite
- Core size: .126 x .236
- L min. measured with no core
- Wire: AWG #24 S.P.

10mm (.394") TUNABLE COILS

- Core material: carbonyl J
- Core size: .18 x .236
- L min. measured with no core
- Wire: AWG #22 S.P.

Unshielded For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) μH	L (nom.) μH	L (max.) μH	Q (min.)	Test Freq (MHz)	Price Each		
								1	100	500
434-0712-1.5C	A	Brown	.035	.037	.039	70	50	.44	.29	.26
434-0712-2.5C	A	Red	.064	.072	.080	55	50	.44	.29	.26
434-0712-3.5C	A	Orange	.085	.095	.100	80	50	.44	.29	.26
434-0712-4.5C	A	Yellow	.119	.133	.146	60	25.2	.44	.29	.26
434-0712-5.5C	A	Green	.153	.170	.187	65	25.2	.44	.29	.26
434-0712-6.5C	A	Blue	.198	.220	.240	60	25.2	.44	.29	.26
434-0712-8.5C	A	Gray	.270	.300	.330	55	25.2	.44	.29	.26
434-0712-10.5C	A	Black	.432	.480	.528	60	25.2	.44	.29	.26

Unshielded For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) μH	L (nom.) μH	L (max.) μH	Q (min.)	Test Freq (MHz)	Price Each		
								1	100	500
434-1012-1.5C	C	Brown	.041	.042	.044	65	50	.44	.29	.26
434-1012-2.5C	C	Red	.070	.078	.085	90	50	.44	.29	.26
434-1012-3.5C	C	Orange	.108	.120	.132	80	50	.44	.29	.26
434-1012-4.5C	C	Yellow	.144	.160	.176	80	25.2	.44	.29	.26
434-1012-5.5C	C	Green	.172	.192	.211	90	25.2	.44	.29	.26
434-1012-6.5C	C	Blue	.230	.260	.286	80	25.2	.44	.29	.26
434-1012-8.5C	C	Gray	.333	.370	.407	95	25.2	.44	.29	.26
434-1012-10.5C	C	Black	.450	.500	.550	115	25.2	.44	.29	.26

Shielded For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) μH	L (nom.) μH	L (max.) μH	Q (min.)	Test Freq (MHz)	Price Each		
								1	100	500
434-0712-1.5CS	B	Brown	.032	.034	.035	55	50	.60	.40	.37
434-0712-2.5CS	B	Red	.048	.054	.059	60	50	.60	.40	.37
434-0712-3.5CS	B	Orange	.065	.072	.079	60	50	.60	.40	.37
434-0712-4.5CS	B	Yellow	.090	.100	.109	45	25.2	.60	.40	.37
434-0712-5.5CS	B	Green	.109	.122	.132	45	25.2	.60	.40	.37
434-0712-6.5CS	B	Blue	.130	.145	.159	50	25.2	.60	.40	.37
434-0712-8.5CS	B	Gray	.171	.190	.209	45	25.2	.60	.40	.37
434-0712-10.5CS	B	Black	.270	.300	.330	50	25.2	.60	.40	.37

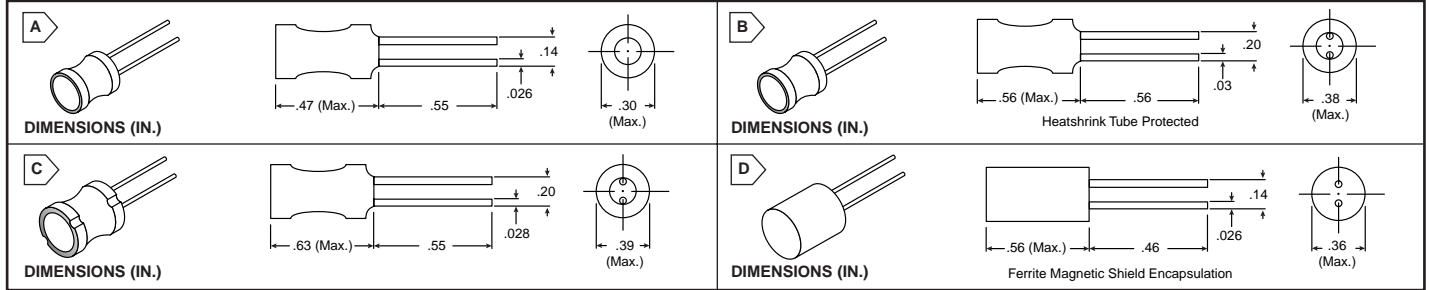
Shielded For quantities greater than

Pluggable and Epoxy Dipped Coils



HIGH RELIABILITY PLUGGABLE COILS

- Features:**
- All 5% inductance tolerance
 - Multi-layer windings on ferrite cores
 - Heatshrink tube protected or ferrite magnetic shielded
 - Sturdy pluggable radial construction with solder dipped leads
 - Wide selection of medium to high inductances



7mm For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		μH	mH						1	100	500	1000
434-17-681J	A	680	0.68	80	796	2300	3.7	170	1.00	.80	.73	.66
434-17-821J	A	820	0.82	80	796	2100	4.1	160	1.00	.80	.73	.66
434-17-102J	A	1000	1.00	100	252	1800	5.4	150	1.00	.80	.73	.66
434-17-122J	A	1200	1.20	100	252	1600	5.8	140	1.00	.80	.73	.66
434-17-152J	A	1500	1.50	100	252	1500	6.5	130	1.00	.80	.73	.66
434-17-182J	A	1800	1.80	100	252	1400	7.5	120	1.00	.80	.73	.66
434-17-222J	A	2200	2.20	100	252	1300	8.8	110	1.00	.80	.73	.66
434-17-272J	A	2700	2.70	100	252	1200	9.8	100	1.00	.80	.73	.66
434-17-332J	A	3300	3.30	100	252	1100	13.0	80	1.00	.80	.73	.66
434-17-392J	A	3900	3.90	100	252	1000	16.5	75	1.00	.80	.73	.66
434-17-472J	A	4700	4.70	100	252	900	18.5	70	1.00	.80	.73	.66
434-17-562J	A	5600	5.60	100	252	800	21.0	60	1.00	.80	.73	.66
434-17-682J	A	6800	6.80	100	252	700	29.0	55	1.00	.80	.73	.66
434-17-822J	A	8200	8.20	100	252	650	33.0	50	1.00	.80	.73	.66

11mm For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		μH	mH						1	100	500	1000
434-03-103J	C	10000	10.0	50	79.6	350	23	110	1.36	1.04	.94	.85
434-03-123J	C	12000	12.0	50	79.6	320	24	100	1.36	1.04	.94	.85
434-03-153J	C	15000	15.0	50	79.6	290	28	90	1.36	1.04	.94	.85
434-03-183J	C	18000	18.0	50	79.6	280	34	85	1.36	1.04	.94	.85
434-03-223J	C	22000	22.0	50	79.6	250	39	80	1.36	1.04	.94	.85
434-03-273J	C	27000	27.0	50	79.6	210	48	70	1.36	1.04	.94	.85
434-03-333J	C	33000	33.0	50	79.6	200	56	65	1.36	1.04	.94	.85
434-03-393J	C	39000	39.0	50	79.6	190	62	60	1.36	1.04	.94	.85
434-03-473J	C	47000	47.0	50	79.6	180	73	55	1.36	1.04	.94	.85
434-03-563J	C	56000	56.0	50	79.6	140	115	50	1.36	1.04	.94	.85
434-03-683J	C	68000	68.0	50	79.6	130	120	50	1.36	1.04	.94	.85
434-03-823J	C	82000	82.0	50	79.6	120	150	45	1.36	1.04	.94	.85
434-03-104J	C	100000	100.0	50	25.2	110	155	40	1.36	1.04	.94	.85
434-03-124J	C	120000	120.0	50	25.2	90	200	35	1.36	1.04	.94	.85
434-03-154J	C	150000	150.0	50	25.2	80	205	35	1.36	1.04	.94	.85

9mm For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		μH	mH						1	100	500	1000
434-01-101J	B	100	0.10	40	796	5000	0.3	790	1.14	.91	.83	.75
434-01-151J	B	150	0.15	40	796	4000	0.4	650	1.14	.91	.83	.75
434-01-221J	B	220	0.22	30	796	3300	0.5	530	1.14	.91	.83	.75
434-01-331J	B	330	0.33	35	796	2700	1.0	500	1.14	.91	.83	.75
434-01-391J	B	390	0.39	35	796	2500	1.1	460	1.14	.91	.83	.75
434-01-471J	B	470	0.47	35	796	2300	1.3	420	1.14	.91	.83	.75
434-01-561J	B	560	0.56	35	796	2000	1.5	400	1.14	.91	.83	.75
434-01-681J	B	680	0.68	35	796	1900	1.9	350	1.14	.91	.83	.75
434-01-821J	B	820	0.82	35	796	1700	2.2	310	1.14	.91	.83	.75
434-01-102J	B	1000	1.00	70	252	1600	2.6	280	1.14	.91	.83	.75
434-01-122J	B	1200	1.20	70	252	1400	3.0	250	1.14	.91	.83	.75
434-01-152J	B	1500	1.50	70	252	1200	5.1	220	1.14	.91	.83	.75
434-01-182J	B	1800	1.80	70	252	1100	5.6	200	1.14	.91	.83	.75
434-01-222J	B	2200	2.20	70	252	1000	7.0	180	1.14	.91	.83	.75
434-01-272J	B	2700	2.70	70	252	900	8.0	170	1.14	.91	.83	.75
434-01-332J	B	3300	3.30	70	252	800	9.0	150	1.14	.91	.83	.75
434-01-392J	B	3900	3.90	70	252	750	10.0	140	1.14	.91	.83	.75
434-01-472J	B	4700	4.70	70	252	650	11.5	130	1.14	.91	.83	.75
434-01-562J	B	5600	5.60	70	252	630	15.0	120	1.14	.91	.83	.75
434-01-682J	B	6800	6.80	70	252	570	17.0	110	1.14	.91	.83	.75
434-01-822J	B	8200	8.20	70	252	500	20.0	100	1.14	.91	.83	.75
434-01-103J	B	10000	10.00	70	79	410	35.0	90	1.14	.91	.83	.75
434-01-123J	B	12000	12.00	70	79	380	40.0	80	1.14	.91	.83	.75
434-01-153J	B	15000	15.00	70	79	350	45.0	70	1.14	.91	.83	.75
434-01-183J	B	18000	18.00	70	79	340	50.0	65	1.14	.91	.83	.75
434-01-223J	B	22000	22.00	70	79	300	58.0	60	1.14	.91	.83	.75
434-01-273J	B	27000	27.00	70	79	290	70.0	55	1.14	.91	.83	.75
434-01-333J	B	33000	33.00	70	79	260	75.0	50	1.14	.91	.83	.75

10mm, Magnetic Shielded For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		μH	mH						1	100	500	1000
434-02-102J	D	1000	1.0	70	796	2040	3.4	90	1.48	1.14	1.05	.95
434-02-122J	D	1200	1.2	70	252	1800	3.7	75	1.48	1.14	1.05	.95
434-02-152J	D	1500	1.5	70	252	1350	4.0	70	1.48	1.14	1.05	.95
434-02-182J	D	1800	1.8	70	252	1150	4.5	65	1.48	1.14	1.05	.95
434-02-222J	D	2200	2.2	70	252	1400	5.2	60	1.48	1.14	1.05	.95
434-02-272J	D	2700	2.7	70	252	1000	5.8	55	1.48	1.14	1.05	.95
434-02-332J	D	3300	3.3	100	252	1100	6.1	50	1.48	1.14	1.05	.95
434-02-392J	D	3900	3.9	100	252	990	7.2	45	1.48	1.14	1.05	.95
434-02-472J	D	4700	4.7	100	252	870	7.5	40	1.48	1.14	1.05	.95
434-02-562J	D	5600	5.6	100	252	750	8.4	40	1.48	1.14	1.05	.95
434-02-682J	D	6800	6.8	100	252	758	9.7	35	1.48	1.14	1.05	.95
434-02-822J	D	8200	8.2	100	252	600	10.4	30	1.48	1.14	1.05	.95
434-02-103J	D	10000	10	100	79	700	12.1	25	1.48	1.14	1.05	.95
434-02-123J	D	12000	12	100	79	450	13.0	25	1.48	1.14	1.05	.95
434-02-153J	D	15000	15	100	79	400	15.0	25	1.48	1.14	1.05	.95
434-02-183J	D	18000	18	100	79	525	17.0	22	1.48	1.14	1.05	.95
434-02-223J	D	22000	22	100	79	460	19.5	21	1.48	1.14	1.05	.95
434-02-273J	D	27000	27	100	79	400	22.0	18	1.48	1.14	1.05	.95
434-02-333J	D	33000	33	100	79	350	26.0	17	1.48	1.14	1.05	.95
434-02-393J	D	39000	39	100	79	350	45.0	15	1.48	1.14	1.05	.95
434-02-473J	D	47000	47	100	79	300	52.0	13	1.48	1.14	1.05	.95
434-02-563J	D	56000	56	100	79	250	58.0	12	1.48	1.14	1.05	.95
434-02-683J	D	68000	68	100	79	220	66.0	12	1.48	1.14	1.05	.95
434-02-823J	D	82000	82	100	79	200	71.0	10	1.48	1.14	1.05	.95

HIQ™ EPOXY DIPPED PEAKING COILS

- Features:**
- Inductive tolerance: .22 to 1.0μH ±20%, 1.2 to 1000μH ±10%
 - Radial Lead
 - Epoxy dipped
 - Subminiature
 - High Q (30 min.)
 - Iron Core

MOUSER STOCK NO.	L (μH)	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Color Code		
						1st	2nd	3rd
43LR227	.22	25.200	287.0	.123	---	Red	Red	Slvr
43LR337	.33	25.200	217.0	.138	---	Org	Org	Slvr
43LR477	.47	25.200	161.0	.150	---	Yel	Vio	Slvr
43LR687	.68	25.200	126.0	.167	---	Blu	Gry	Slvr
43LR106	1.00	7.960	96.0	.201	330	Brn	Blk	Gld
43LR126	1.20	7.960	84.0	.218	320	Brn	Red	Gld
43LR156	1.50	7.960	71.0	.240	315	Brn	Grn	Gld
43LR226	2.20	7.960	55.0	.280	300	Red	Red	Gld
43LR276	2.70	7.960	50.0	.281	295	Red	Vio	Gld
43LR336	3.30	7.960	43.0	.338	285	Org	Org	Gld
43LR476	4.70	7.960	33.0	.420	275	Yel	Vio	Gld
43LR566	5.60	7.960	29.0	.450	270	Grn	Blu	Gld
43LR686	6.80	7.960	25.0	.488				

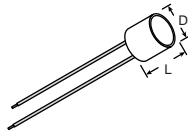
Chokes

ECONOMY ENCAPSULATED RF CHOKES

Miniature fixed inductor wound on a ferrite core and resin encapsulated into a molded plastic case. These RF chokes exhibit excellent moisture resistance, and vibration endurance.

For quantities greater than listed, call for quote.

Series	Dim. (in.)		Price Each		
	L	D	1	500	1000
434-1120	.51	.35	.99	.75	.65
43LH	.55	.41	1.15	.89	.75
43LJ	.63	.5	1.18	.90	.74



434-1120 Series

• Temperature: -25°C to +85°C

MOUSER STOCK NO.	L		Tolerance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(μH)	(mH)						
434-1120-220L	22	.022	±15%	30	2.52	11.0	0.3	600
434-1120-330L	33	.033	±15%	30	2.52	9.7	0.35	500
434-1120-680L	68	.068	±15%	30	2.52	7.1	0.6	378
434-1120-101L	100	.100	±15%	50	.796	5.9	1.0	300
434-1120-151L	150	.150	±15%	50	.796	5.0	1.3	300
434-1120-221L	220	.220	±15%	50	.796	4.1	2.0	200
434-1120-331L	330	.330	±15%	50	.796	3.3	2.8	150
434-1120-561L	560	.560	±15%	50	.796	2.6	4.0	150
434-1120-103K	1000	1.000	±10%	80	.252	1.8	5.5	100
434-1120-123K	1200	1.200	±10%	80	.252	1.6	6.0	100
434-1120-153K	1500	1.500	±10%	80	.252	1.45	7.0	100
434-1120-223K	2200	2.200	±10%	80	.252	1.1	9.0	100
434-1120-393K	3900	3.900	±10%	80	.252	0.74	15.0	87
434-1120-473K	4700	4.700	±10%	80	.252	0.63	20.0	80
434-1120-104K	10,000	10.000	±10%	80	.0796	0.21	40.0	58
434-1120-124K	12,000	12.000	±10%	80	.0796	0.11	45.0	50

43LH Series

• Temperature: -25°C to +85°C

MOUSER STOCK NO.	L		Tolerance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(μH)	(mH)						
43LH210	1000	1.0	±10%	60	.252	1.40	2.5	250
43LH212	1200	1.2	±10%	75	.252	1.30	3.0	250
43LH215	1500	1.5	±10%	75	.252	1.10	5.0	150
43LH218	1800	1.8	±10%	75	.252	1.00	5.5	150
43LH222	2200	2.2	±10%	75	.252	0.90	7.0	150
43LH227	2700	2.7	±10%	75	.252	0.80	8.0	150
43LH233	3300	3.3	±10%	75	.252	0.70	9.0	150
43LH239	3900	3.9	±10%	75	.252	0.68	10.0	150
43LH247	4700	4.7	±10%	60	.252	0.65	11.5	100
43LH256	5600	5.6	±10%	60	.252	0.56	15.0	100
43LH268	6800	6.8	±10%	45	.252	0.45	16.8	100
43LH282	8200	8.2	±10%	45	.252	0.40	19.5	100
43LH310	10000	10.0	±10%	80	.0796	0.35	34.0	50
43LH312	12000	12.0	±10%	80	.0796	0.33	39.0	50
43LH318	18000	18.0	±10%	80	.0796	0.30	50.0	50
43LH322	22000	22.0	±10%	80	.0796	0.25	57.0	50
43LH327	27000	27.0	±10%	80	.0796	0.20	70.0	50
43LH333	33000	33.0	±10%	80	.0796	0.19	75.0	50

43LJ Series

• Temperature: -25°C to +85°C

MOUSER STOCK NO.	L		Tolerance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(μH)	(mH)						
43LJ310	10000	10.0	±10%	100	.0796	0.30	22.0	100
43LJ312	12000	12.0	±10%	100	.0796	0.25	23.0	100
43LJ315	15000	15.0	±10%	100	.0796	0.20	27.0	100
43LJ318	18000	18.0	±10%	60	.0796	0.19	34.0	100
43LJ322	22000	22.0	±10%	60	.0796	0.18	40.0	100
43LJ327	27000	27.0	±10%	60	.0796	0.17	47.0	100
43LJ333	33000	33.0	±10%	60	.0796	0.16	55.0	80
43LJ339	39000	39.0	±10%	35	.0796	0.14	60.0	80
43LJ347	47000	47.0	±10%	35	.0796	0.13	72.0	80
43LJ356	56000	56.0	±10%	35	.0796	0.12	110.0	50
43LJ368	68000	68.0	±10%	35	.0796	0.11	120.0	50
43LJ382	82000	82.0	±10%	35	.0796	0.09	150.0	50
43LJ410	100000	100.0	±10%	30	.0252	0.08	150.0	30
43LJ412	120000	120.0	±10%	30	.0252	0.07	200.0	30
43LJ415	150000	150.0	±10%	30	.0252	0.06	250.0	30

EPOXY DIPPED PEAKING COIL KIT

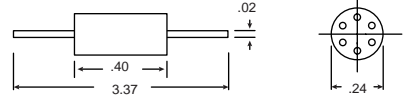
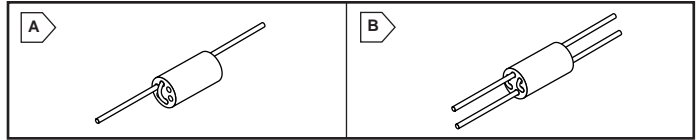
Specifications:

- Inductive tolerance: .22 to 1.0μH±20%, 1.2 to 1000μH±10%
- Epoxy dipped
- High Q (30 min.)
- Radial leads
- Subminiature
- Iron core

MOUSER STOCK NO.	Range of Values	Pieces in Kit	List of Values (μH)	Price Each
370-RFC-1	.22-1000μH	180	10 each: .22, .47, 1.0, 2.2, 3.3, 4.7, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000μH	49.95



WIDEBAND CHOKES

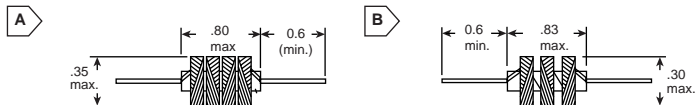


Specifications:

- 6 hole ferrite core
 - 1.5" 24 AWG leads
- For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Winding	Impedance Min. (Ω)				Price Each			
			10MHz	50MHz	100MHz	200MHz	1	100	500	1000
434-6H-351	A	1.5	170	320	375	---	.39	.35	.31	.29
434-6H-451	A	1.5	---	350	490	300	.39	.35	.31	.29
434-6H-751	A	2.5	320	680	580	---	.39	.35	.31	.29
434-6H-851	A	2.5	---	800	575	250	.39	.35	.31	.29
434-6H-901	B	2x1.5	170	320	375	---	.39	.35	.31	.29
434-6H-102	B	2x1.5	---	350	490	300	.39	.35	.31	.29

PI-WOUND RF CHOKES



DIMENSIONS (IN.)

Specifications:

- Tolerance: ±10%
- Similar to J.W. Miller 4600 series
- Core material: ferrite

For quantities greater than listed, call for quote.

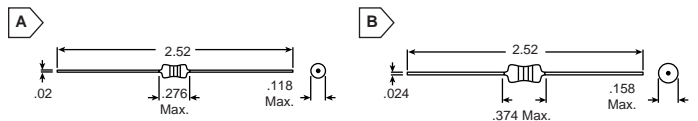
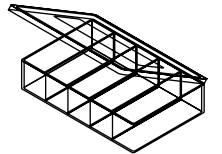
MOUSER STOCK NO.	Fig.	L (mH)	Q Min.	D.C.R. (Ω) ±20%	Price Each		
					1	100	500
434-1100	A	1	20	15	2.53	2.11	1.91
434-2250	A	2.5	30	26	2.53	2.11	1.91
434-2500	B	5	30	48	2.92	2.43	2.21

EPOXY CONFORMAL COATED CHOKE KITS

Specifications:

- Solderability: According to MIL-STD-202F method 208D
- Operating temperature: IEC climatic category: 55/125/56
DIN climatic category: FKF: -55 to 125°C, humidity category F

- Product assurance: according to MIL-STD-790
- EIA color coded



DIMENSIONS (IN.)



MOUSER STOCK NO.	Fig.	Range of Values	Pieces in Kit	List of Values (μH)	Price Each
370-EMCC	A	.15μH to 1000μH	240	10 each: .15, .22, .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 680, 1000μH	89.95
370-ESCC	B	.33 to 1000μH	240	10 each: .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 12, 15, 18, 22, 27, 33, 47, 100, 150, 220, 330, 470, 680, and 1000μH	89.95

RFI Suppression Coils and Antennas



RFI SUPPRESSION COILS

These RFI suppression coils feature inductance ranges from 1μH to 10,000μH capable of handling currents from 80mA to 12 amps. Non-standard values and tape/reel packaging are available on request.



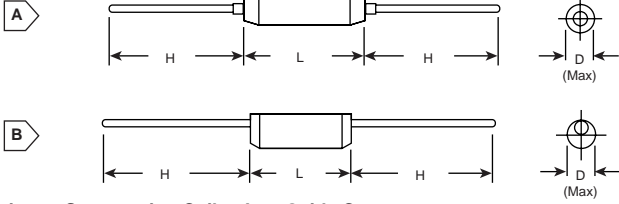
E169264

Features:

- UL recognized and VDE approved
- Direct cross to Siemens suppression coils
- Meets MIL-STD-790

Specifications:

- Operating temperature range: -55°C - +125°C
- Dielectric insulation strength: 2.5KV
- Inductive tolerance: ±20%
- Rated inductance measured at: 1MHz for $L \leq 10\mu\text{H}$
100KHz for $10\mu\text{H} < L \leq 1000\mu\text{H}$
10KHz for $L > 1000\mu\text{H}$



Miniature Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-08-1R0M	A	1	4.00	15	.472	.197	1.48	.66	.55	.50	.45
434-08-2R0M	A	2	3.00	45	.472	.197	1.48	.66	.55	.50	.45
434-08-3R0M	A	3	2.00	77	.472	.197	1.48	.66	.55	.50	.45
434-08-6R0M	A	6	1.50	190	.472	.197	1.48	.66	.55	.50	.45
434-08-140M	A	14	0.70	760	.472	.197	1.48	.66	.55	.50	.45
434-08-300M	A	30	0.40	2700	.472	.197	1.48	.66	.55	.50	.45
434-08-400M	A	40	0.30	4100	.472	.197	1.48	.66	.55	.50	.45
434-08-101M	A	100	0.15	19000	.472	.197	1.48	.66	.55	.50	.45

Small Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-09-1R0M	A	1	6.00	11	.669	.217	1.38	.71	.59	.53	.48
434-09-2R0M	A	2	4.00	20	.669	.217	1.38	.71	.59	.53	.48
434-09-3R0M	A	3	3.00	38	.669	.217	1.38	.71	.59	.53	.48
434-09-6R0M	A	6	2.00	120	.669	.217	1.38	.71	.59	.53	.48
434-09-100M	A	10	1.50	230	.669	.217	1.38	.71	.59	.53	.48
434-09-230M	A	23	0.70	730	.669	.217	1.38	.71	.59	.53	.48
434-09-500M	A	50	0.40	3000	.669	.217	1.38	.71	.59	.53	.48
434-09-700M	A	70	0.35	4500	.669	.217	1.38	.71	.59	.53	.48
434-09-161M	A	160	0.15	18000	.669	.217	1.38	.71	.59	.53	.48

Medium Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-10-3R0M	A	3	6.00	18	.906	.295	1.26	.76	.63	.57	.51
434-10-5R0M	A	5	4.00	34	.906	.295	1.26	.76	.63	.57	.51
434-10-100M	A	10	3.00	87	.906	.295	1.26	.76	.63	.57	.51
434-10-150M	A	15	2.00	165	.906	.295	1.26	.76	.63	.57	.51
434-10-250M	A	25	1.50	340	.906	.295	1.26	.76	.63	.57	.51
434-10-550M	A	55	0.70	1300	.906	.295	1.26	.76	.63	.57	.51
434-10-131M	A	130	0.40	4800	.906	.295	1.26	.76	.63	.57	.51
434-10-161M	A	160	0.30	6600	.906	.295	1.26	.76	.63	.57	.51
434-10-351M	A	350	0.15	19000	.906	.295	1.26	.76	.63	.57	.51

Medium Suppression Coils - Ferrite Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-11-7R0M	A	7	6.00	20	.906	.295	1.26	.76	.63	.57	.51
434-11-120M	A	12	4.00	40	.906	.295	1.26	.76	.63	.57	.51
434-11-220M	A	22	3.00	70	.906	.295	1.26	.76	.63	.57	.51
434-11-400M	A	40	2.00	180	.906	.295	1.26	.76	.63	.57	.51
434-11-560M	A	56	1.50	300	.906	.295	1.26	.76	.63	.57	.51
434-11-101M	A	100	1.00	650	.906	.295	1.26	.76	.63	.57	.51
434-11-221M	A	220	0.50	2600	.906	.295	1.26	.76	.63	.57	.51
434-11-471M	A	470	0.30	6500	.906	.295	1.26	.76	.63	.57	.51
434-11-681M	A	680	0.20	14000	.906	.295	1.26	.76	.63	.57	.51
434-11-122M	A	1200	0.10	34000	.906	.295	1.26	.76	.63	.57	.51
434-11-152M	A	1500	0.08	54000	.906	.295	1.26	.76	.63	.57	.51

Large Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

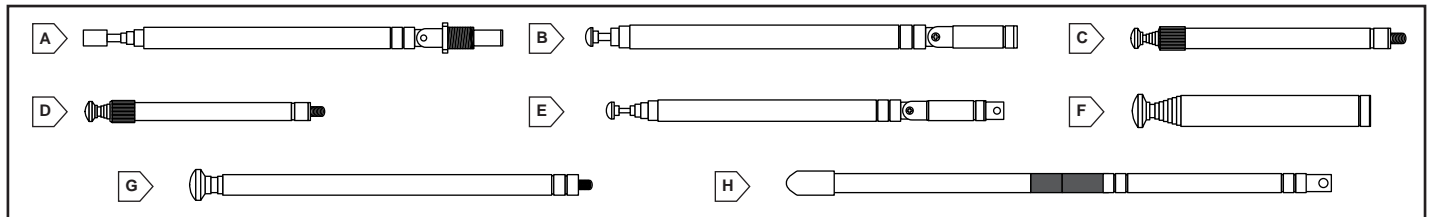
MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-12-5R0M	A	5	6.00	23	1.10	.295	1.16	.80	.66	.60	.54
434-12-6R0M	A	6	5.00	30	1.10	.295	1.16	.80	.66	.60	.54
434-12-7R0M	A	7	4.00	35	1.10	.295	1.16	.80	.66	.60	.54
434-12-120M	A	12	3.00	83	1.10	.295	1.16	.80	.66	.60	.54
434-12-200M	A	20	2.00	170	1.10	.295	1.16	.80	.66	.60	.54
434-12-300M	A	30	1.50	350	1.10	.295	1.16	.80	.66	.60	.54
434-12-600M	A	60	0.70	770	1.10	.295	1.16	.80	.66	.60	.54
434-12-750M	A	75	0.70	1300	1.10	.295	1.16	.80	.66	.60	.54
434-12-151M	A	150	0.40	3500	1.10	.295	1.16	.80	.66	.60	.54
434-12-161M	A	160	0.40	3800	1.10	.295	1.16	.80	.66	.60	.54
434-12-211M	A	210	0.30	6400	1.10	.295	1.16	.80	.66	.60	.54
434-12-231M	A	230	0.30	7200	1.10	.295	1.16	.80	.66	.60	.54
434-12-421M	A	420	0.15	19000	1.10	.295	1.16	.80	.66	.60	.54
434-12-471M	A	470	0.15	20000	1.10	.295	1.16	.80	.66	.60	.54

High Current Suppression Coils - Ferrite Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-13-3R9M	B	3.9	12.00	0.009	1.18	.315	1.22	1.37	1.14	1.03	.93
434-13-5R6M	A	5.6	8.00	0.017	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-100M	A	10	5.00	0.035	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-150M	A	15	4.00	0.05	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-330M	A	33	3.50	0.07	1.03	.354	1.30	1.37	1.14	1.03	.93
434-13-680M	A	68	3.00	0.10	1.03	.394	1.30	1.37	1.14	1.03	.93
434-13-101M	A	100	2.50	0.15	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-151M	A	150	1.80	0.30	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-331M	A	330	1.40	0.50	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-681M	A	680	1.00	1.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-102M	A	1000	0.80	1.50	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-152M	A	1500	0.70	2.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-332M	A	3300	0.50	4.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-682M	A	6800	0.35	8.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-103M	A	10000	0.30	12.00	1.03	.433	1.30	1.37	1.14	1.03	.93

HIQ™ ANTENNAS



*48SM026 - Screw for 43AR103 and 43AR106

†48SM003 - Screw for 43AR105 and 430-1002

Telescoping

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size D x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
430-1000	A	31.5	8.0	0.240	5	-----	3.84	3.49	3.18	Call For Quote
430-1002	B	25.8	7.0	0.236	5	3.0 x 0.50†	4.03	3.59	3.30	
430-1033	C	13.0	3.2	0.236	6	3.0 x 0.50	3.73	3.36	3.09	
430-1096	D	17.6	3.58	0.236	6	3.0 x 0.50	3.73	3.36	3.09	
430-1415	E	34.6	6.89	0.236	6	-----	4.03	3.59	3.30	

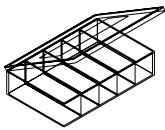
Telescoping

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size D x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
43AR103	F	19.8	3.6	.32	8	2.6 x 0.45 *	2.39	1.99	1.79	Call For Quote
43AR104	G	20.5	6.0	.17	4	3.0 x 0.50	1.56	1.17	1.07	
43AR105	F	33.3	5.8	.28	7	3.0 x 0.50 †	2.63	2.19	1.99	
43AR106	F	19.0	4.25	.24	6	2.6 x 0.45 *	1.38	1.13	1.04	

Flexible

MOUSER STOCK NO.	Fig.	Length (In.)		Base Dia. (In.)	Imped. (Ω)	Resonant Freq. MHz	Price Each			
		Rigid	Flexible				1	10	100	

Prototype Kits



- Designed for engineers, prototype and repair benches, school labs, short production runs, and hobbyists.
- No guesswork. Our kits spell out exactly what you get.
- Production quantities of all listed components are in stock. Call for Quote.
- Compare kits on this page with anyone else's and you will see why quality, price, selection, and convenience are reasons to purchase component kits from Mouser.

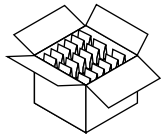
Capacitor Kits

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-540-1	Tantalum, ±10%, 6.3-35 volt, radial	.1-100µF	120	10 each: .1, .15, .22, .33, .47, .68 (35WVDC), 5 each: 1.0 (35WVDC), 2.2, 4.7, 10, (25WVDC), 3.3, 4.7, 6.8, 22, (16WVDC), 33, (10WVDC), 15, 47, 100 (6.3WVDC)	49.95
370-140PFK-1	Polyester, ±10%, 100 volt, radial	.001-.47µF	175	10 each: .001, .0015, .002, .0022, .0033, .005, .01, .015, .02, .022, .033, .047, .05, .068, .1, .15, .22, 5 each: .47	23.95
370-140PFF-1	Polyester, ±2%, 100 volt, radial	.001-.1µF	120	10 each: .001, .0015, .0022, .0033, .0047, .01, .015, .022, .033, .047, .068, .1	49.95
370-GP50-1	Ceramic disc, 50 volt, radial	5pF-.1µF	360	20 each: 5, 10, 22, 33, 47, 68, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .05, .1	29.95
370-GP500-1	Ceramic disc, 500 volt radial	5pF-.02µF	360	20 each: 5, 10, 22, 33, 47, 68, 82, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .02	29.95
370-208-25	Miniature electrolytic radial	1-1,000µF	85	10 each: 1, 2.2, 3.3, 4.7, 10 (50WVDC), 5 each: 22 (50WVDC), 33, 47 (35WVDC), 100, 220, 470, 1000 (25WVDC)	33.95
370-PS-1	Polystyrene film, ±5%, 50WVDC	100-820pF	120	10 each: 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820 (axial leads)	24.95
370-PS-2	Polystyrene film, ±5%, 50WVDC	.001-.01µF	120	10 each: .001, .0012, .0015, .0018, .002, .0022, .0027, .0033, .0039, .005, .0068, .01 (axial leads)	24.95
370-140XAL-1	Miniature electrolytic axial	.47-1000µF	80	10 each: .47, 1.0 (50V), 5 each: 2.2, 3.3, 4.7, 10, 20, 220, (50V), 33, 470, (35VDC), 47, 100, 330, 1000, (25VDC)	29.95
370-140XAL-2	Miniature electrolytic axial	220-4700µF	25	5 each: 220 (50VDC), 330 (25VDC), 3 each: 470 (35VDC), 1000 (25VDC), 1000 (50VDC)	29.95
370-140XRL-1	Miniature electrolytic radial	1-1000µF	80	10 each: 1, 2.2, 4.7, 22 (50V), 10 each: 10, 47 (35V) 5 each: 100, 470, 1000 (50V), 220 (35V)	29.95
370-140MLR-1	Micro-miniature Electrolytic radial	.1-220µF	150	10 each: .1, .22, .33, .47, 1.0, 2.2, 3.3, 4.7, 10 (50V), 4.7, 22 (35V), 33 (25V), 47, 100 (16V), 220 (10V)	49.95
370-5982-1	Dipped Mica, ±5%	1-2000pF	120	5 each: 1, 2, 3 (300V), 5 each: 5, 10, 22, 33, 39, 47, 56, 75, 100, 220, 270, 330, 390, 470, 560, 680, 820, 1000, 1200, 1500, 2000, (500V)	86.25
5987-KIT3	SMT Polymer Alum., Low ESR	4.7-33µF	36	6 each: 33, 47, (6.3V), 6 each: 22, (8V), 6 each: 10, (12.5V), 6 each: 4.7, 6.8, (16V)	66.80

"C-PAC" ASSORTMENT

Capacitor Kits

"C-PAC" kits are the same as above but are packaged with 100 or 200 of each value.



MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-140PFK-C1	100V±10% polyester	.001-.005µF	600	100 each: .001, .0015, .002, .0022, .0033, .005	28.95
370-140PFK-C2	100V±10% polyester	.01-.047µF	600	100 each: .01, .015, .02, .022, .033, .047	36.95
370-140PFK-C3	100V±10% polyester	.05-.047µF	600	100 each: .05, .068, .1, .15, .22, .47	89.95
370-140PFK-C	100V±10% polyester	.001-.047µF	1800	100 each: All values listed above	134.95
370-GP50-C	50V ceramic disc	5pF-.1µF	3600	200 each: All values listed above in 370-GP50-1	89.95

Component Kits

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-159-1	Solderless connectors	-----	180	18 types of connectors and disconnects, insulated	14.95
370-159-2	Solderless connectors	-----	180	18 types of connects and disconnects, non-insulated	14.95
370-333-1N1	Diode/rectifiers (1 amp)	50-1000PRV	140	20 each: 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006, 1N4007	29.95
370-LED-2	Light emitting diodes	-----	180	18 types T1, T 1 3/4, rectangle and square, clear and diffused lenses	33.95
370-333Z-1	Zener diodes (500mW)	5.6-24 Volt	100	5 each: of 20 values 5.6 to 24 volts, ±5%	33.95
370-332-1	Microprocessor crystals	23 types	46	2 each: 3.2768, 3.579545, 3.93216, 4.0, 4.096, 4.194304, 4.433, 4.9152, 5.0, 5.0688, 6.0, 6.144, 6.5536, 8.0, 10.0, 12.0, 12.069, 14.31818, 16.0, 18.0, 18.432, 19.2, 20.0MHz	89.95
370-44FM-1	Metric fuse kit	.5-10 amp	60	10 each: .5, 1, 2, 3, 5 and 10 amp	12.95
370-44FP-1	Standard fast acting fuses	1/4-5 amp	180	30 each: .25, .50, 1.0, 2.0, 3.0, 5.0 amp 250 volt	23.95
370-MOV-1	Metal oxide varistor kit	48-510V	205	3 each: VZA series: 48, 130, 150; VZC series: 130, 150; 2 each: VZC series: 250; VZD series: 130, 150, 275, 510	32.95
370-NTC-T2	NTC thermistors	100Ω to 50KΩ	60	5 each: 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 15K, 20K, 50K @ 25°C	29.95
370-RFC-1	RF choke (43LR series)	.22-1000µH	180	10 each: .22, .47, 1.0, 2.2, 3.3, 4.7, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000µH	49.95
370-EMCC	Epoxy miniature choke coils	.15µH to 1000µH	240	10 each: .15, .22, .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 680, 1000µH	89.95
370-ESCC	Epoxy small choke coils	.33 to 1000µH	240	10 each: .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 12, 15, 18, 22, 27, 33, 47, 100, 150, 220, 330, 470, 680, and 1000µH	89.95
370-TPV-1	Trim pots 6, 8, 10mm vertical	1KΩ to 500KΩ	180	10 each: 321-2100 series 6mm: 1K, 5K, 10K, 50K, 100K, 500K, (.05W) .32RM series 8mm: 1K, 5K, 10K, 100K, 500K, (.1W) 32R series 10mm: 1K, 5K, 10K, 50K, 100K, 500K, (.1W)	69.95
370-PT10	Trim pots 10mm, vert. & horiz.	500 to 500KΩ	180	10 each: 500, 1K, 5K, 10K, 25K, 50K, 100K, 250K, and 500K in both horizontal and vertical mount	69.95
370-TPH-1	Trim pots 6, 8, 10mm horizontal	1KΩ to 500KΩ	180	10 each: 321-2000 series 6mm: 1K, 5K, 10K, 50K, 100K, 500K, (.05W) 32RH series 8mm: 1K, 5K, 10K, 50K, 100K, 500K (.1W) 32R series 10mm: 1K, 5K, 10K, 50K, 100K, 500K, (.1W)	69.95
370-LIN-1	Linear IC kit	-----	76	5 each: LM311, LM324, LM339, LF353, LM358, LM393, NE555, NE556, MC1488, MC1489, ULN2003A	69.95
370-TRA-1	Transistors	-----	180	3 each: LF347, LF356, LM741, LM1458, CA3130, CA3140, CA3059	39.95
370-511-1	Transistors, power, TO-220	-----	90	5 each: MJE3055T, MJE13005, MJE13007, TIP29, TIP29C, TIP30, TIP31C, TIP32, TIP32C, TIP41C, TIP42, TIP42C, TIP48, TIP120, TIP121, TIP122, TIP125, and TIP131	89.99
370-SMD-1	Surface mount diode rectifiers	1amp, 50-800PRV	60	10 each: 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006	29.95
370-331-1	1 amp DIP silicon bridge rectifiers	50-800PRV	30	5 each: 50, 100, 200, 400, 600, 800PRV	29.95
370-VRG-1	Voltage regulator IC kit	5V-18V, variable	72	4 each: 7805, 7805A, 78M05, 78S05, 7905, 7808, 7908, 7812, 7812A, 78S12, 7912, 7815, 7915A, 7818, 7918, LM317T, LM337, LM723	59.95
370-331-2	200 PRV silicon bridge rectifiers	1-15 amp	80	10 each: 1, 1.5, 2, 3, 4, 6, 10, 15 (200PRV)	159.95
370-526-1	Semiconductor	-----	155	NTE replacements, 25 different types (replaces 63,703 devices)	249.95
370-526-2	Semiconductor	-----	125	NTE replacements, 25 different types (replaces 20,251 devices)	219.50
370-164-1	Binding post kit	-----	40	10 each: Red and black; 5 each: Blue, green, white, and yellow	49.95
561-M1991	Transistor hardware, nylon	-----	180	Assortment: 17 styles and configurations	28.33
561-M1992	Spacers/standoffs, nylon	-----	340	Assortment: 40 sizes and types	46.66
561-M1993	Shoulder washers, nylon	-----	300	Assortment: 30 sizes and types	28.33
561-M1994	PCB posts, nylon	-----	700	Assortment: 10 sizes and types	46.66
561-M1995	Cable clips, nylon	-----	140	Assortment: 15 sizes and types	28.33
561-M1996	Cable clamps, nylon	-----	290	Assortment: 18 sizes	46.66
561-M1997	Flat washers, nylon	-----	500	Assortment: over 40 sizes	28.33
561-M1998	Screws & nuts, nylon	-----	750	Assortment: over 40 sizes	46.66
561-M1999	Strain relief	-----	108	9 each: of the 12 most popular series	28.33
524-11-528	Metric hardware kit	2-4mm	108	2.0, 2.6, 3.0, and 4mm hardware	44.24
383-1425	Color coded wire jumper kit	#22 AWG	560	25 pieces of 14 lengths #22 AWG solid	12.58
538-KK-100	Modular interconnection kit	.100"	---	Designer/service kit for .100" center, K.K. series modular connectors	39.95
538-KK-156	Modular interconnection kit	.156"	---	Designer/service kit for .156" center, K.K. series modular connectors	39.95