

FASTRON Chokes



This product is RoHS compliant.

POXY COATED CHOKES

These choke coils are UL recognized and feature an inductance of 0.15μH to 100,000μH, 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.

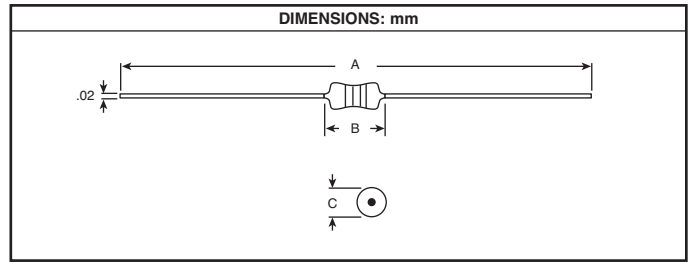


RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Price Each			
	1	50	100	500
434-22-Value	.22	.19	.17	.13
434-23-Value	.20	.17	.13	.10
434-15-Value	.80	.66	.53	.39

- EIA color coded
- Operating temperature: -55°C to +125°C
- Dielectric Insulation strength: 2.0 KV



22 Series

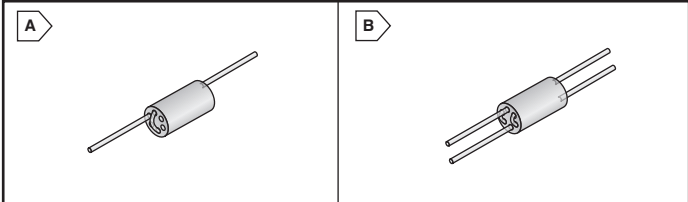
MOUSER STOCK NO.	Fastron Part No.	L (μH)	Tol. %	Q Min.	f ₀ (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC Current (A)	Dimensions: mm		
									A	B	C
434-22-R15	MICC/N-R15K-00	0.15	10	35	25.2	500	0.13	1.02	63	7	3.3
434-22-R22	MICC/N-R22K-00	0.22	10	35	25.2	420	0.16	0.99	63	7	3.3
434-22-R27	MICC/N-R27K-00	0.27	10	35	25.2	380	0.17	0.91	63	7	3.3
434-22-R39	MICC/N-R39K-00	0.39	10	35	25.2	300	0.22	0.79	63	7	3.3
434-22-R47	MICC/N-R47K-00	0.47	10	35	25.2	280	0.25	0.75	63	7	3.3
434-22-R68	MICC/N-R68K-00	0.68	10	35	25.2	240	0.48	0.53	63	7	3.3
434-22-R82	MICC/N-R82K-00	0.82	10	35	25.2	230	0.55	0.50	63	7	3.3
434-22-1R0	MICC/N-1R0J-00	1	5	35	25.2	180	0.25	0.63	63	7	3.3
434-22-1R5	MICC/N-1R5J-00	1.5	5	40	7.96	150	0.3	0.57	63	7	3.3
434-22-1R8	MICC/N-1R8J-00	1.8	5	40	7.96	130	0.3	0.54	63	7	3.3
434-22-2R2	MICC/N-2R2J-00	2.2	5	40	7.96	120	0.35	0.52	63	7	3.3
434-22-2R7	MICC/N-2R7J-00	2.7	5	40	7.96	110	0.4	0.48	63	7	3.3
434-22-3R3	MICC/N-3R3J-00	3.3	5	40	7.96	110	0.5	0.42	63	7	3.3
434-22-3R9	MICC/N-3R9J-00	3.9	5	40	7.96	100	0.55	0.40	63	7	3.3
434-22-4R7	MICC/N-4R7J-00	4.7	5	40	7.96	90	0.65	0.38	63	7	3.3
434-22-6R8	MICC/N-6R8J-00	6.8	5	45	7.96	70	1.45	0.25	63	7	3.3
434-22-8R2	MICC/N-8R2J-00	8.2	5	50	7.96	65	1.6	0.24	63	7	3.3
434-22-100	MICC/N-100J-00	10	5	50	7.96	60	1.7	0.23	63	7	3.3
434-22-120	MICC/N-120J-00	12	5	50	2.52	50	2.4	0.19	63	7	3.3
434-22-150	MICC/N-150J-00	15	5	50	2.52	45	2.7	0.185	63	7	3.3
434-22-220	MICC/N-220J-00	22	5	60	2.52	12	0.9	0.335	63	7	3
434-22-330	MICC/N-330J-00	33	5	60	2.52	10	1.12	0.30	63	7	3
434-22-390	MICC/N-390J-00	39	5	60	2.52	8.5	1.21	0.285	63	7	3
434-22-470	MICC/N-470J-00	47	5	60	2.52	7.7	2.4	0.20	63	7	3
434-22-820	MICC/N-820J-00	82	5	60	2.52	5.5	3.2	0.175	63	7	3
434-22-101	MICC/N-101J-00	100	5	60	2.52	5.3	3.5	0.17	63	7	3
434-22-151	MICC/N-151J-00	150	5	60	0.79	4.6	4.3	0.15	63	7	3
434-22-221	MICC/N-221J-00	220	5	60	0.79	3.8	5.8	0.13	63	7	3
434-22-331	MICC/N-331J-00	330	5	60	0.79	3	8.7	0.105	63	7	3
434-22-471	MICC/N-471J-00	470	5	60	0.79	2.3	12	0.09	63	7	3
434-22-561	MICC/N-561J-00	560	5	60	0.79	2.2	16.5	0.075	63	7	3
434-22-681	MICC/N-681J-00	680	5	60	0.79	2	22	0.065	63	7	3
434-22-102	MICC/N-102J-00	1000	5	60	0.79	1.5	33	0.55	63	7	3

23 Series

MOUSER STOCK NO.	Fastron Part No.	L (μH)	Tol. %	Q Min.	f ₀ (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC Current (mA)	Dimensions: mm		
									A	B	C
434-23-100J	SMCC/N-100J-00	10	5	65	7.96	35	0.49	680	64	9.5	4
434-23-120J	SMCC/N-120J-00	12	5	50	2.52	30	0.55	650	64	9.5	4
434-23-150J	SMCC/N-150J-00	15	5	50	2.52	20	0.60	610	64	9.5	4
434-23-180J	SMCC/N-180J-00	18	5	50	2.52	17	0.67	580	64	9.5	4
434-23-220J	SMCC/N-220J-00	22	5	50	2.52	13	0.74	560	64	9.5	4
434-23-470J	SMCC/N-470J-00	47	5	40	2.52	7.5	1.1	450	64	9.5	4
434-23-101J	SMCC/N-101J-00	100	5	30	2.52	5	1.7	370	64	9.5	4
434-23-221J	SMCC/N-221J-00	220	5	70	0.79	3.7	3.3	250	64	9.5	4
434-23-331J	SMCC/N-331J-00	330	5	70	0.79	2.7	6.4	190	64	9.5	4
434-23-471J	SMCC/N-471J-00	470	5	70	0.79	2.2	7.9	170	64	9.5	4
434-23-681J	SMCC/N-681J-00	680	5	55	0.79	1.9	10	150	64	9.5	4
434-23-102J	SMCC/N-102J-00	1000	5	50	0.79	1.6	14	130	64	9.5	4

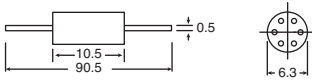
15 Series

MOUSER STOCK NO.	Fastron Part No.	L (μH)	Tol. %	Q Min.	f ₀ (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC Current (mA)	Dimensions: mm		
									A	B	C
434-15-331K	VHCC-331J-00	330	5	25	796	1.4	1.4	630	63	16	6
434-15-391K	VHCC-391J-00	390	5	25	796	1.3	1.6	590	63	16	6
434-15-471K	VHCC-471J-00	470	5	20	796	1.2	1.8	550	63	16	6
434-15-681K	VHCC-681J-00	680	5	15	796	0.92	2.6	500	63	16	6
434-15-102J	VHCC-102J-00	1000	5	70	252	0.72	4.2	400	63	16	6
434-15-122J	VHCC-122J-00	1200	5	70	252	0.68	5.5	350	63	16	6
434-15-182J	VHCC-182J-00	1800	5	70	252	0.65	6	300	63	16	6
434-15-222J	VHCC-222J-00	2200	5	65	252	0.5	10	250	63	16	6
434-15-472J	VHCC-472J-00	4700	5	30	252	0.31	18	200	63	16	6
434-15-102J	VHCC-153J-00	15000	5	55	79.6	0.17	63	100	63	16	6
434-15-183J	VHCC-183J-00	18000	5	50	79.6	0.16	90	86	63	16	6
434-15-273J	VHCC-273J-00	27000	5	50	79.6	0.14	130	75	63	16	6
434-15-333J	VHCC-333J-00	33000	5	50	79.6	0.14	130	67	63	16	6
434-15-104J	VHCC-104J-00	100000	5	20	25.2	0.06	490	34	63	16	6



WIDEBAND CHOKES

- Specifications:
- 6 hole ferrite core
 - 1.5" 24AWG leads

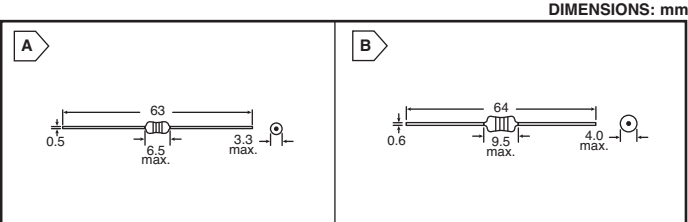


DIMENSIONS: mm

RoHS Compliant

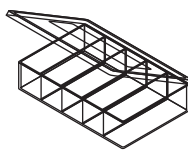
For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Fastron Part No.	Fig.	Winding	Impedance		Price Each			
				Z (Ω)	fL (MHz)	1	100	500	1000
434-6H-351	06H-351	A	1.5	300	120	.39	.35	.25	.23
434-6H-451	06H-451	A	1.5	350	250	.39	.35	.25	.23
434-6H-751	06H-751	A	2.5	600	50	.39	.35	.25	.23
434-6H-851	06H-851	A	2.5	700	180	.39	.35	.25	.23
434-6H-901	06H-901	B	2x1.5	700	50	.39	.35	.25	.23
434-6H-102	06H-102	B	2x1.5	800	110	.39	.35	.25	.23



EPOXY CONFORMAL COATED CHOKES

- Specifications:
- Solderability: according to MIL-STD-202F method 208D
 - Operating temperature: -55°C to 125°C, humidity category F
 - IEC climatic category: 55/125/56; DIN climatic category, FK7
 - Product assurance: according to MIL-STD-790
 - EIA color coded



RoHS Compliant



MOUSER STOCK NO.	Fig.	Range of Values	Pieces in Kit	List of Values (μH)	Price Each
370-MICC/N	A	.15μH to 1000μH	230	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, and 1000μH	89.95
370-SMCC/N	B	10μH to 1000μH	100	10 each: 10, 12, 15, 18, 100, 220, 330, 470, 680, and 1000μH	49.95

