

FASTRON Chip Inductors

RoHS Compliant This product is RoHS compliant.

Fine Inductors
Fastron **WIRE WOUND CHIP INDUCTORS**

FASTRON wire wound chip inductors are designed particularly for RF applications that require optimal Q on high frequency circuits. Its gold flash pad metallization provides better solderability for a higher yield in production. Their casing protects the winding and allows surface mount assembly. It comes in reel packing. Inductance values between those listed in this catalog are mostly available on request. Ferrite core versions available for high inductance in a small case size.

Applications:

- Used in LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, etc.
- Mobile Telecommunication: GSM, CDMA, TCDMA, cordless phones, 2 way radio
- Automotive Subsystems: TPMS, Keyless Entry, Anti-Theft, GPS
- Wireless Communication: LAN, WIFI, WIMAX, RFID, Bluetooth, ZigBee

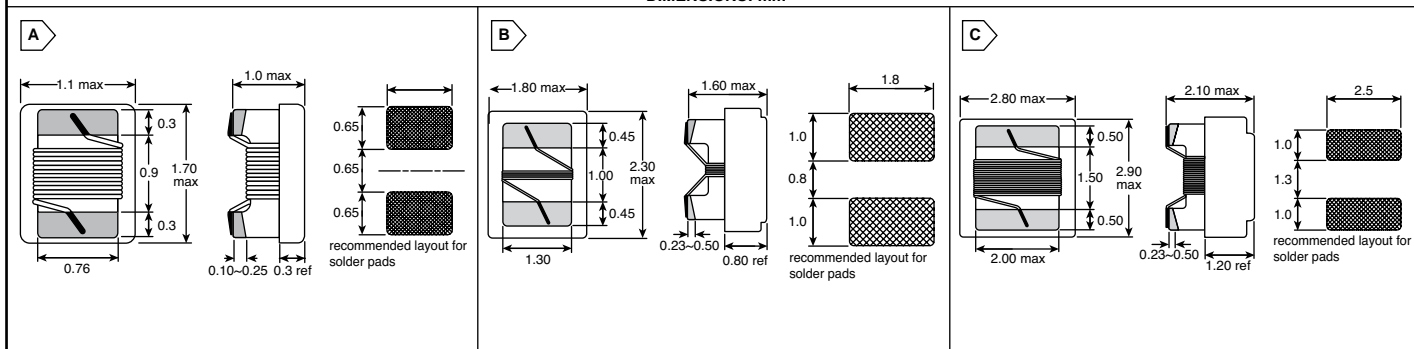
Specifications:

- Operating Temp: -55°C to +125°C
- Ceramic core type
- Tolerance: 5%



RoHS Compliant

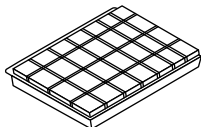
DIMENSIONS: mm



MOUSER STOCK NO.	Fastron Part No.	Fig.	Inductance (nH)	Q Min.	Test Freq. (MHz)	SRF MHz (min)	DCR (Ω) (Max.)	Rated DC Current (mA)	Price Each				Reel Quantity	Reel Price Ea.	
									1	50	100	500			
0603AS Series															
434-0603AS-2N2J-01	0603AS-2N2J-01	A	2.2	10	250	5900	.17	170						4000	
434-0603AS-3N3J-01	0603AS-3N3J-01	A	3.3	22	250	6000	.10	700						4000	
434-0603AS-4N7J-01	0603AS-4N7J-01	A	4.7	25	250	6000	.07	700						4000	
434-0603AS-010J-01	0603AS-010J-01	A	10	31	250	4800	.13	700						4000	
434-0603AS-012J-01	0603AS-012J-01	A	12	35	250	4000	.13	700						4000	
434-0603AS-015J-01	0603AS-015J-01	A	15	35	250	4000	.17	700						4000	
434-0603AS-018J-01	0603AS-018J-01	A	18	35	250	3100	.17	700						4000	
434-0603AS-027J-01	0603AS-027J-01	A	27	40	250	2800	.22	600						4000	
434-0603AS-033J-01	0603AS-033J-01	A	33	40	250	2300	.22	600						4000	
434-0603AS-047J-01	0603AS-047J-01	A	47	38	200	2000	.28	600						4000	
434-0603AS-068J-01	0603AS-068J-01	A	68	37	200	1700	.34	600						4000	
434-0603AS-R10J-01	0603AS-R10J-01	A	100	34	150	1400	.58	400						4000	
434-0603AS-R12J-01	0603AS-R12J-01	A	120	34	150	1300	.65	300						4000	
434-0603AS-R15J-01	0603AS-R15J-01	A	150	32	150	1200	.90	200						4000	
434-0603AS-R18J-01	0603AS-R18J-01	A	180	32	100	1100	1.20	200						4000	
434-0603AS-R22J-01	0603AS-R22J-01	A	220	30	100	1000	1.60	150						4000	
0805AS Series															
434-0805AS-3N3J-01	0805AS-3N3J-01	B	3.3	50	250	6000	.08	600						2500	
434-0805AS-6N8J-01	0805AS-6N8J-01	B	6.8	50	250	5500	.11	600						2500	
434-0805AS-010J-01	0805AS-010J-01	B	10	43	250	4300	.13	600						2500	
434-0805AS-015J-01	0805AS-015J-01	B	15	50	250	3400	.17	600						2500	
434-0805AS-022J-01	0805AS-022J-01	B	22	57	250	2600	.22	500						2500	
434-0805AS-033J-01	0805AS-033J-01	B	33	60	250	2050	.27	500						2500	
434-0805AS-056J-01	0805AS-056J-01	B	56	64	200	1550	.34	500						2500	
434-0805AS-068J-01	0805AS-068J-01	B	68	65	200	1450	.38	400						2500	
434-0805AS-082J-01	0805AS-082J-01	B	82	67	150	1300	.42	400						2500	
434-0805AS-R10J-01	0805AS-R10J-01	B	100	65	150	1200	.46	400						2500	
434-0805AS-R15J-01	0805AS-R15J-01	B	150	60	100	920	.56	400						2500	
434-0805AS-R22J-01	0805AS-R22J-01	B	220	59	100	850	.70	400						2500	
434-0805AS-R33J-01	0805AS-R33J-01	B	330	40	100	790	1.8	260						2500	
434-0805AS-R47J-01	0805AS-R47J-01	B	470	40	100	720	2.5	170						2500	
434-0805AS-R68J-01	0805AS-R68J-01	B	680	37	50	600	4.0	170						2500	
434-0805AS-1R0J-01	0805AS-1R0J-01	B	1000	23	25	215	2.35	180						2500	
434-0805AS-2R2J-01	0805AS-2R2J-01	B	2200	15	7.9	60	3.8	150						2500	
434-0805AS-3R3J-01	0805AS-3R3J-01	B	3300	15	7.9	99	5.1	120						2500	
434-0805AS-4R7J-01	0805AS-4R7J-01	B	4700	15	7.9	50	8.0	100						2500	
1008AS Series															
434-1008AS-010J-01	1008AS-010J-01	C	10	50	50	4100	.08	1000						2000	
434-1008AS-033J-01	1008AS-033J-01	C	33	65	50	1600	.14	1000						2000	
434-1008AS-039J-01	1008AS-039J-01	C	39	60	50	1500	.15	1000						2000	
434-1008AS-047J-01	1008AS-047J-01	C	47	65	50	1500	.16	1000						2000	
434-1008AS-068J-01	1008AS-068J-01	C	68	67	50	1300	.20	1000						2000	
434-1008AS-082J-01	1008AS-082J-01	C	82	63	50	1000	.22	1000						2000	
434-1008AS-R10J-01	1008AS-R10J-01	C	100	63	25	1000	.56	650						2000	
434-1008AS-R47J-01	1008AS-R47J-01	C	470	54	25	450	1.19	470						2000	
434-1008AS-R82J-01	1008AS-R82J-01	C	820	52	25	350	1.61	400						2000	
434-1008AS-1R0J-01	1008AS-1R0J-01	C	1000	36	25	290	1.75	370						2000	
434-1008AS-1R2J-01	1008AS-1R2J-01	C	1200	35	7.9	250	2.0	310						2000	
434-1008AS-1R5J-01	1008AS-1R5J-01	C	1500	35	7.9	200	2.3	330						2000	
434-1008AS-1R8J-01	1008AS-1R8J-01	C	1800	34	7.9	160	2.6	300						2000	
434-1008AS-2R7J-01	1008AS-2R7J-01	C	2700	23	7.9	140	4.8	110						2000	

Fine Inductors
Fastron **CHIP INDUCTORS ENGINEER'S KITS**

Let FASTRON help streamline your design process. How? Fastron provides Engineer's Kits stocked with wire wound chip inductors. Save time and work with these sturdy, re-useable kits. Each contains a complete array of values and detailed datasheets.



MOUSER STOCK NO.	Fastron Part No.	Description	Price Each	
			1	2
434-EK0603AS-J	EK-0603AS-J	0603 Case 5% Tol 10 each-28 Values, 1.8nH-680nH		
434-EK0805AS-J	EK-0805AS-J	0805 Case 5% Tol 10 each-28 Values, 3.3nH-4.7μH		
434-EK1008AS-J	EK-1008AS-J	1008 Case 5% Tol 10 each-28 Values, 4.7nH-10μH		