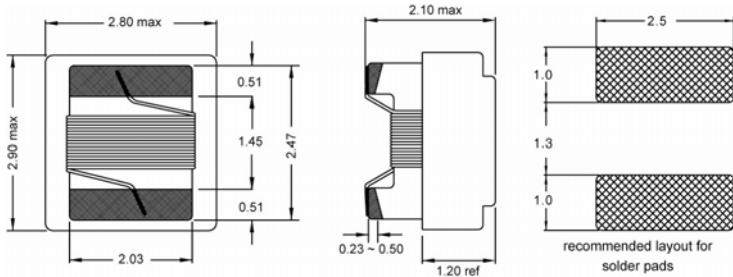


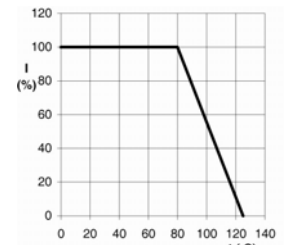
FASTRON EK-1008AS-J Engineer's Kit

1008AS SMD (Chip) Wire Wound Inductors

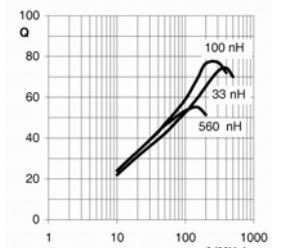
FASTRON helps streamline your design process with Engineer's Kits. Each value compartment is labeled and removable for ease of handling. There are 10 pieces for each value from 4.7nH to 10000nH



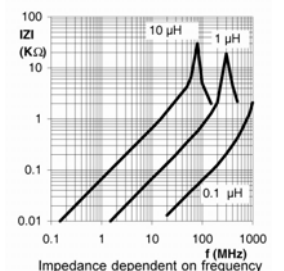
Part No	L (nH)	fL (MHz)	Tol ± (%)	Q min	fQ (MHz)	DCR max (Ω)	SRF ¹ (MHz)	Rated DC Current (mA)
1008AS-4N7J-01	4.7	50	5	17	500	6000	600	0.15
1008AS-8N2J-01	8.2	50	5	70	1000	5000	600	0.08
1008AS-010J-01	10	50	5	50	500	4100	1000	0.08
1008AS-015J-01	15	50	5	70	500	2500	1000	0.10
1008AS-022J-01	22	50	5	55	350	2400	1000	0.12
1008AS-033J-01	33	50	5	65	350	1600	1000	0.14
1008AS-039J-01	39	50	5	60	350	1500	1000	0.15
1008AS-047J-01	47	50	5	65	350	1500	1000	0.16
1008AS-068J-01	68	50	5	67	350	1300	1000	0.20
1008AS-082J-01	82	50	5	63	350	1000	650	0.22
1008AS-R10J-01	100	25	5	63	350	1000	650	0.56
1008AS-R12J-01	120	25	5	60	350	950	650	0.63
1008AS-R15J-01	150	25	5	50	100	850	620	0.70
1008AS-R18J-01	180	25	5	45	100	750	620	0.77
1008AS-R22J-01	220	25	5	46	100	700	620	0.84
1008AS-R33J-01	330	25	5	51	100	570	470	1.05
1008AS-R39J-01	390	25	5	47	100	500	470	1.12
1008AS-R47J-01	470	25	5	54	100	450	470	1.19
1008AS-R62J-01	620	25	5	49	100	375	400	1.40
1008AS-R82J-01	820	25	5	52	100	350	400	1.61
1008AS-1R0K-01	1000	25	10	36	50	290	370	1.75
1008AS-1R2K-01	1200	7.9	10	35	50	250	310	2.00
1008AS-1R5K-01	1500	7.9	10	35	50	200	330	2.30
1008AS-1R8K-01	1800	7.9	10	34	50	160	300	2.60
1008AS-2R7K-01	2700	7.9	10	23	25	140	110	4.80
1008AS-3R3K-01	3300	7.9	10	22	25	110	110	5.10
1008AS-5R6K-01	5600	7.9	10	22	7.9	55	110	6.50
1008AS-100K-01	10000	7.9	10	20	7.9	40	110	8.40



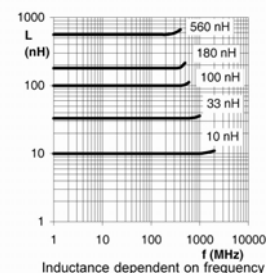
Current carrying capacity dependent on the ambient temperature



Typical Q - shape dependent on frequency



Impedance dependent on frequency



Inductance dependent on frequency

Features: Gold pad metallization, For surface mount assembly, High Q, Cross to Coilcraft

Applications: High frequency circuits, WIFI, WIMAX, RFID, Antennas & wireless modules, Impedance matching, Circuit isolation, RF filters

Material: Ceramic

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