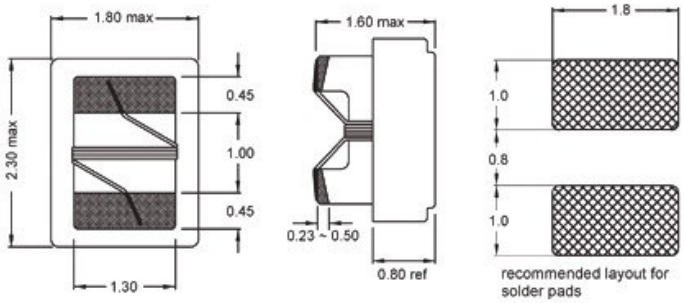
Fine Inductors

RoHS Compliant

FASTRON EK-0805AS-J
Engineer's Kit

0805AS SMD (Chip) Wire Wound Inductors

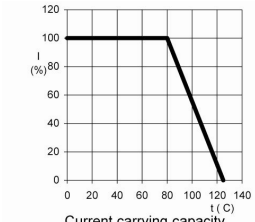
Fastron helps streamline your design process with Engineer's Kits for SMD inductors. Kit contains 10 pieces for each value listed below from 2.7nH to 4700nH and a detailed datasheet.



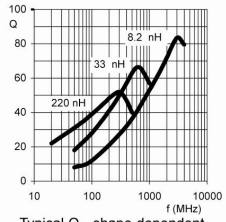


Part No	L (nH)	fL (MHz)	Tol ± %	Q min	fQ (MHz)	SRF min (MHz)	DCR max (Ω)	Rated DC Current (mA)
0805AS-2N7J-01	2.7	250	5	15	1500	6000	0.08	600
0805AS-3N3J-01	3.3	250	5	50	1500	6000	0.08	600
0805AS-5N6J-01	5.6	250	5	53	1000	5500	0.11	600
0805AS-6N8J-01	6.8	250	5	50	1000	5500	0.11	600
0805AS-8N2J-01	8.2	250	5	50	1000	4700	0.12	600
0805AS-010J-01	10	250	5	43	1000	4300	0.13	600
0805AS-015J-01	15	250	5	50	500	3400	0.17	600
0805AS-022J-01	22	250	5	57	500	2600	0.22	500
0805AS-027J-01	27	250	5	55	500	2500	0.25	500
0805AS-033J-01	33	250	5	60	500	2050	0.27	500
0805AS-039J-01	39	250	5	60	500	2000	0.29	500
0805AS-047J-01	47	200	5	65	500	1650	0.31	500
0805AS-056J-01	56	200	5	64	500	1550	0.34	500
0805AS-068J-01	68	200	5	65	500	1450	0.38	400
0805AS-082J-01	82	150	5	67	500	1300	0.42	400
0805AS-R10J-01	100	150	5	65	500	1200	0.46	400
0805AS-R12J-01	120	150	5	52	250	1100	0.51	400
0805AS-R15J-01	150	100	5	60	250	920	0.56	400
0805AS-R18J-01	180	100	5	50	250	870	0.64	400
0805AS-R27J-01	270	100	5	40	100	820	1.5	280
0805AS-R33J-01	330	100	5	40	100	790	1.8	260
0805AS-R39J-01	390	100	5	42	100	750	2	200
0805AS-R47J-01	470	100	5	40	100	720	2.5	170
0805AS-R56J-01	560	100	5	40	100	650	3.5	170
0805AS-R68J-01	680	50	5	37	75	600	4	170
0805AS-R82J-01	820	25	5	23	50	215	2.35	180
0805AS-1R0J-01	1000	25	5	23	50	215	2.35	180
0805AS-3R3J-01	3300	7.9	5	15	7.9	99	5.1	120
0805AS-4R7J-01	4700	7.9	5	15	7.9	50	8	100

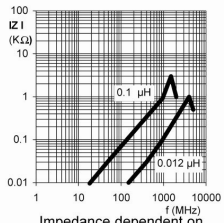
Material: Ceramic



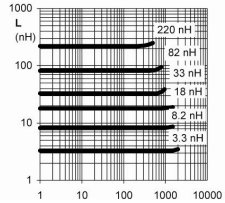
Current carrying capacity dependent on the ambient temperature



Typical Q - shape dependent on frequency



Impedance 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

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