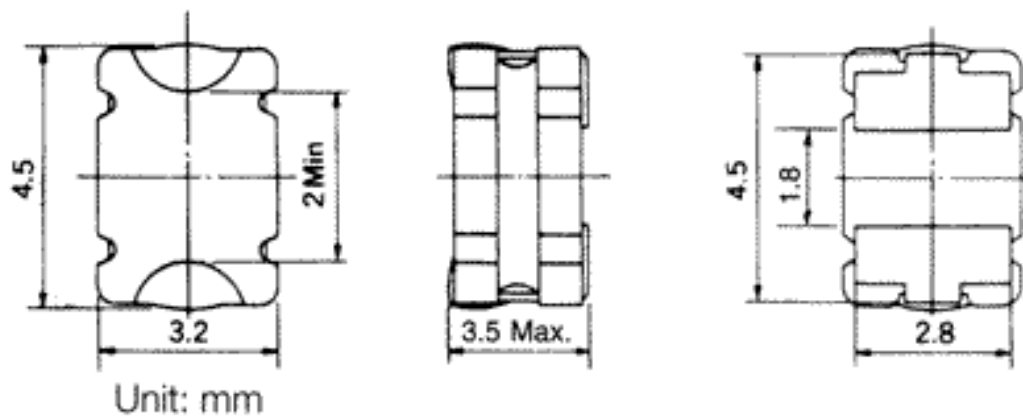


43FS Series



Technical Specification

Inductance Range :	0.01uH - 1000uH
Temperature Coefficient :	-200ppm/°C - 1000ppm/°C
Operating Temp. Range :	10°C/+60°C
Quantity per Reel :	500 pcs / 2000 pcs

43FS are designed for Reflow Soldering.
Not recommended for new designs.

Features

- The 43FS series surface mounting chip inductor covers the range from 100nH to 1mH.
- These are available in large quantities on reels for use with automatic insertion equipment.
- Specially developed ferrite core materials have high frequency response for wider frequency range.
- Ceramic core material is available for higher frequency ranges. Low thermal coefficient assures minimal drift of F and L values.
- Withstands Freon and Chlorothen degreasing.
- Tolerance code J = $\pm 5\%$ White dot.
- Tolerance code K = $\pm 10\%$ No dot.
- Tolerance code M = $\pm 20\%$ Pink dot.

TOKO 43FS SURFACE MOUNT FIXED INDUCTORS

TOKO Ref	Inductance	Qu min	DC Res (ohm) max	Q Test Freq (MHz)	DC(I) (mA)	SRF (MHz)	BERef
300NS-R10(M)	0.1uH	23	0.29	25.2	290	400	300401
300NS-R12(M)	0.12uH	23	0.32	25.2	250	350	300412
300NS-R15(M)	0.15uH	23	0.36	25.2	220	260	300415
300NS-R18(M)	0.18uH	23	0.39	25.2	210	215	300418
300NS-R22(M)	0.22uH	22	0.43	25.2	190	170	300422
300NS-R27(M)	0.27uH	22	0.49	25.2	170	140	300427
300NS-R33(M)	0.33uH	21	0.54	25.2	160	120	300433
300NS-R39(M)	0.39uH	21	0.59	25.2	155	120	300439

300NS-R47(M)	0.47uH	20	0.64	25.2	150	100	300447
300NS-R56(M)	0.56uH	19	0.7	25.2	145	90	300456
300NS-R68(M)	0.68uH	18	0.77	25.2	140	80	300468
300NS-R82(M)	0.82uH	17	0.86	25.2	135	70	300482
300LS-1R0(K)	1.0uH	50	0.42	7.96	250	150	300010
300LS-1R2(K)	1.2uH	50	0.46	7.96	240	120	300012
300LS-1R5(K)	1.5uH	50	0.49	7.96	230	105	300015
300LS-1R8(K)	1.8uH	50	0.55	7.96	220	90	300018
300LS-2R2(K)	2.2uH	50	0.59	7.96	200	80	300022
300LS-2R7(K)	2.7uH	50	0.68	7.96	190	63	300027
300LS-3R3(K)	3.3uH	50	0.75	7.96	180	53	300033
300LS-3R9(K)	3.9uH	50	0.81	7.96	160	45	300039
300LS-4R7(K)	4.7uH	50	0.89	7.96	160	40	300047
300LS-5R6(K)	5.6uH	50	0.98	7.96	150	35	300056
300LS-6R8(K)	6.8uH	50	1.1	7.96	150	30	300068
300LS-8R2(K)	8.2uH	50	1.2	7.96	150	26	300082
300LS-100(K)	10uH	50	1.29	2.52	145	22	300100
300LS-120(K)	12uH	50	1.43	2.52	140	19	300120
300LS-150(K)	15uH	50	1.56	2.52	130	17	300150
300LS-180(K)	18uH	50	1.77	2.52	125	16	300180
300LS-220(J)	22uH	50	1.99	2.52	115	14	300220
300LS-270(K)	27uH	50	2.21	2.52	105	12	300270
300LS-330(K)	33uH	50	2.38	2.52	100	12	300330
300LS-390(K)	39uH	50	2.86	2.52	95	10	300390
300LS-470(K)	47uH	50	3.19	2.52	85	10	300470
300LS-560(K)	56uH	50	3.52	2.52	85	9.6	300560
300LS-680(K)	68uH	50	3.92	2.52	75	8.7	300680
300LS-820(K)	82uH	50	4.42	2.52	75	7.7	300820
300LS-101(J)	100uH	50	4.97	2.52	70	6.9	300101
300HS-121(J)	120uH	50	4.24	0.796	70	6.5	300121
300HS-151(J)	150uH	50	4.83	0.796	65	5.8	300151

300HS-181(J)	180uH	50	5.58	0.796	60	5.3	300181
300HS-221(J)	220uH	50	6.13	0.796	60	4.8	300221
300HS-271(J)	270uH	50	7.12	0.796	55	4.5	300271
300HS-331(J)	330uH	50	8.1	0.796	50	4	300331
300HS-391(J)	390uH	50	10.4	0.796	50	3.4	300391
300HS-471(J)	470uH	50	11.4	0.796	45	3.1	300471
300SS-561(J)	560uH	50	12.8	0.796	45	2.02	300561
300SS-681(J)	680uH	50	16.6	0.796	40	1.93	300681
300SS-821(J)	820uH	50	16.5	0.796	40	1.78	300821
300SS-102(J)	1000uH	50	18.6	0.796	40	1.62	300102
TOKO Ref 43FS 300-S Series		1+ 0.38	25+ 0.33	100+ 0.30	500+ POA	1000+ POA	5000+ POA