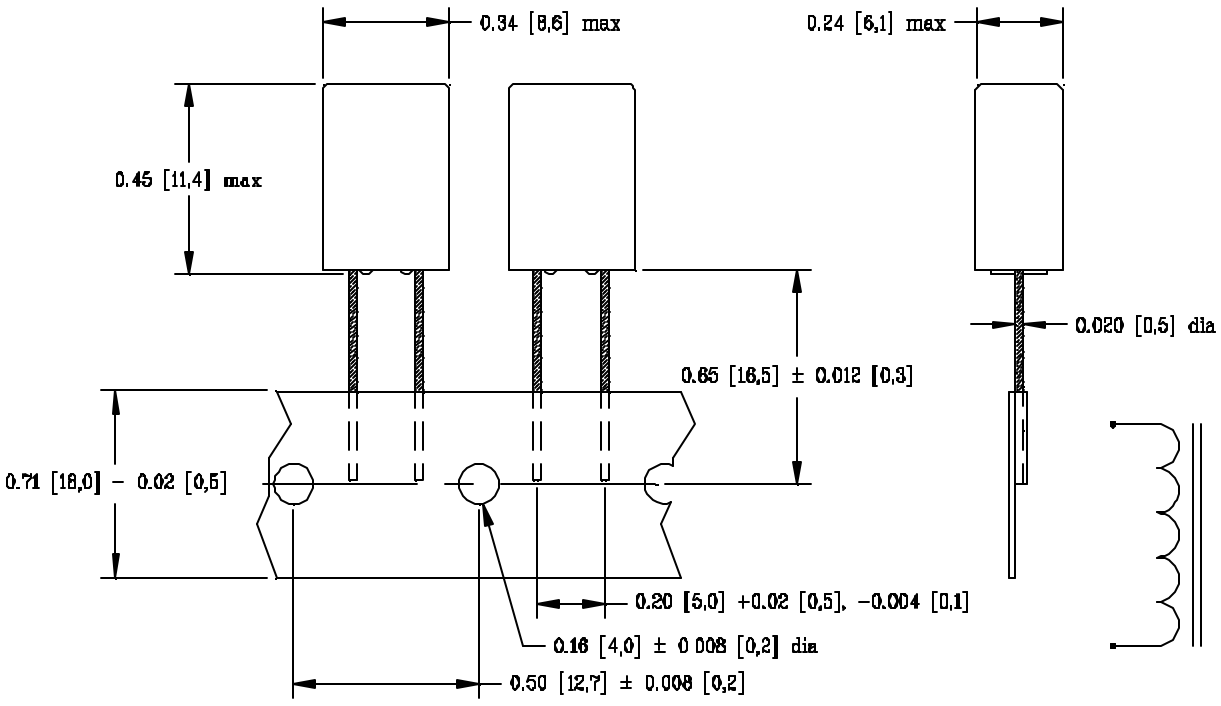
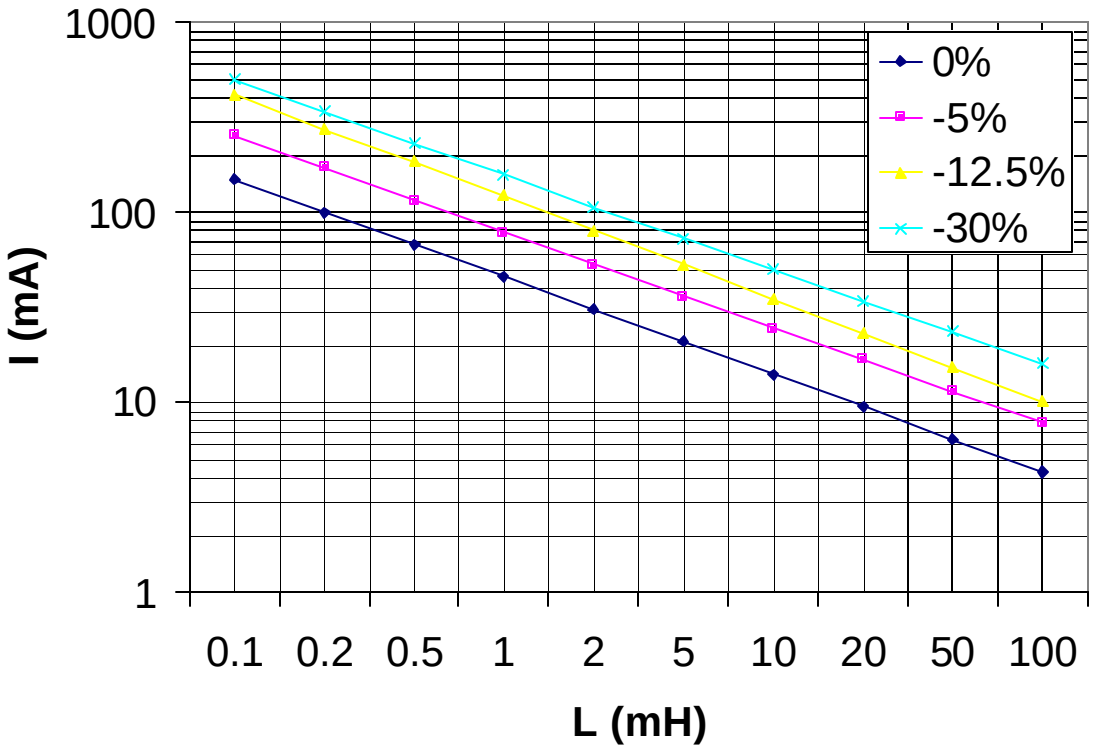
FL85-XXXX

Vertical mount, shielded, fixed value inductor

- Outer housing constructed of ferrite, providing magnetic shielding
- Inductance range, 100uH – 150mH
- Inductance test level, 50mV
- Temperature range, -40 °C to 125 °C
- Soldering temperature 235 ºC, 5 seconds
- Resistance to soldering heat 260 ºC, 5 seconds
- Lead pull strength, 10N minimum
- Coupling factor per Mil-C-15305, 0.6 x 10^{-2}
- Packaging, 500 pcs, ammopack
- Inductors are marked with “L” value in uH. Values in mH are followed with a “k”
- For a given inductance, graph shows “Idc” and corresponding “L” drop in %



$I_{max} = f(L)$



Dash #	"L" (uH)	Tol. (%)	@ "F" (KHz)	"Q" min	@ "F" (KHz)	"SRF" min (KHz)	"DCR" max (O)	"I" max (mA)
-0000	100	± 10%	30	75	500	5.0	1.2	150
-0001	120	± 10%	30	70	500	7.0	1.3	140
-0002	150	± 10%	30	70	500	6.0	1.4	130
-0003	180	± 10%	30	70	500	5.5	1.6	115
-0004	220	± 10%	30	70	500	4.5	1.8	100
-0005	270	± 10%	10	70	500	4.0	2.1	90
-0006	330	± 10%	10	70	500	3.5	2.3	80
-0007	390	± 10%	10	60	500	3.2	2.6	75
-0008	470	± 10%	10	55	500	2.8	2.9	70
-0009	560	± 10%	10	60	500	2.5	3.2	65
-0010	680	± 10%	10	65	200	2.2	3.5	60
-0011	820	± 10%	10	65	200	2.0	7.8	55
-0012	1.0 mH	± 10%	10	65	200	2.0	8.6	50
-0013	1.2 mH	± 10%	10	65	200	1.8	9.6	45
-0014	1.5 mH	± 10%	10	65	200	1.4	11	42
-0015	1.8 mH	± 10%	10	65	200	1.2	12	39
-0016	2.2 mH	± 10%	10	65	200	1.0	14	35
-0017	2.7 mH	± 10%	3	65	200	900	15	31
-0018	3.3 mH	± 10%	3	65	200	700	17	27
-0019	3.9 mH	± 10%	3	65	200	600	18	18
-0020	4.7 mH	± 10%	3	65	200	500	20	22
-0021	5.6 mH	± 10%	3	65	200	400	24	20
-0022	6.8 mH	± 10%	3	60	100	300	43	18
-0023	8.2 mH	± 10%	3	60	100	300	45	16
-0024	10 mH	± 10%	3	65	100	260	50	15
-0025	12 mH	± 10%	3	65	100	250	58	14
-0026	15 mH	± 10%	3	60	100	250	68	13
-0027	18 mH	± 10%	3	45	50	250	105	12
-0028	22 mH	± 10%	3	50	50	240	110	10
-0029	27 mH	± 10%	1	50	50	220	132	9
-0030	33 mH	± 10%	1	50	50	200	140	8
-0031	39 mH	± 10%	1	55	50	180	160	7
-0032	47 mH	± 10%	1	40	50	150	250	7
-0033	56 mH	± 10%	1	22	20	120	290	6
-0034	68 mH	± 10%	1	24	20	120	340	6
-0035	82 mH	± 10%	1	26	20	120	360	5
-0036	100 mH	± 10%	1	24	20	120	480	5
-0037	120 mH	± 10%	1	12	10	110	540	4
-0038	150 mH	± 10%	1	10	10	80	790	4
-0100	10	± 10%	100	80	2000	35000	0.4	700
-0101	27	± 5%	30	27	2000	22000	0.7	700
-0102	36 mH	± 5%	1	50	50	230	145	7
-0103	90 mH	± 10%	1	22	20	120	430	5