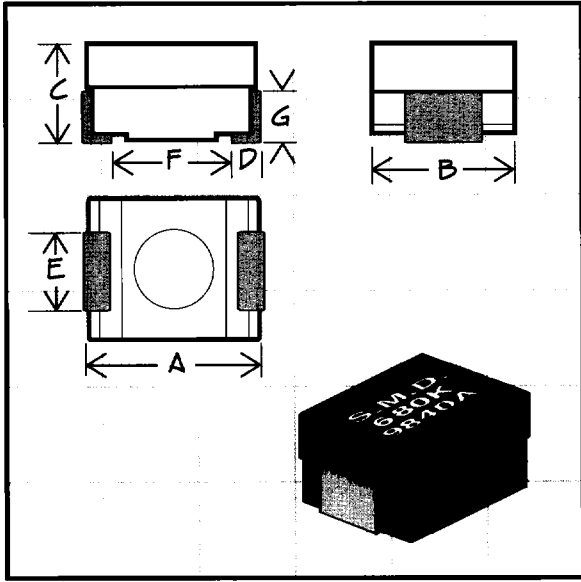


Series LP

Low Profile Inductors



Physical Parameters

	Inches	Millimeters
A	0.110 Max.	2.75 Max.
B	0.095 to .0105	2.41 to 2.67
C	0.041 to 0.049	1.04 to 1.24
D	0.030 (Ref. only)	0.762 (Ref. only)
E	0.025 to 0.035	0.635 to 0.889
F	0.045 (Ref. only)	1.14 (Ref. only)
G	(Ref.)	(Ref.)

Dimensions "A" and "C" are over terminals.

Operating Temperature Range -55°C to +90°C

Current Rating at 70°C Ambient 20°C Rise

Maximum Power Dissipation at 90°C 0.120 W

Weight Max. (Grams) 0.1

Patent Protected

Made In the U.S.A.

PART NUMBER

INDUCTANCE
(μ H) $\pm 10\%$

Q MINIMUM

TEST
FREQUENCY (MHz)

RESONANT FREQUENCY
MINIMUM (MHz)

DC RESISTANCE
MAXIMUM (OHMS)

CURRENT RATING
MAX. (mA)

SERIES LP NON MAGNETIC CORE

LP-047M	0.0047	55	50	4200	0.05	1380
LP-100K	0.010	45	50	3800	0.14	828
LP-120K	0.012	45	50	3300	0.145	814
LP-150K	0.015	45	50	2500	0.16	775
LP-180K	0.018	40	50	2200	0.17	751
LP-220K	0.022	40	50	2100	0.18	730
LP-270K	0.027	40	50	1900	0.19	711
LP-330K	0.033	40	50	1700	0.195	702
LP-390K	0.039	40	50	1600	0.2	693
LP-470K	0.047	38	50	1500	0.2	693
LP-560K	0.056	30	50	1400	0.18	730
LP-680K	0.068	30	50	1100	0.4	490
LP-820K	0.082	30	50	1050	0.5	438
LP-101K	0.100	25	50	900	0.55	418

SERIES LP IRON CORE

LP-121K**	0.120	25	25	460	0.4	490
LP-151K**	0.150	25	25	440	0.45	462
LP-181K**	0.180	25	25	420	0.5	438
LP-221K**	0.220	25	25	270	0.55	418
LP-271K**	0.270	22	25	260	0.65	384
LP-331K**	0.330	22	25	250	0.7	370
LP-391K**	0.390	22	25	230	0.9	327
LP-471K**	0.470	22	25	190	1.0	310
LP-561K**	0.560	22	25	180	1.05	302
LP-681K**	0.680	22	25	170	1.1	295
LP-821K**	0.820	20	25	160	1.15	289
LP-102K**	1.000	20	25	120	1.2	283

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%