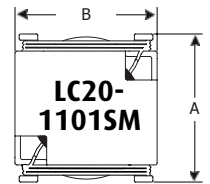
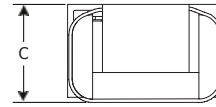
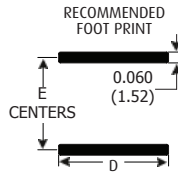


LCSM SERIES



Low Current Toroidal Inductor

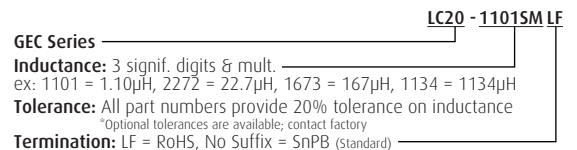


PART NUMBER	L μ H @ 1 kHz	DCR Ω MAX	SRF MHz MIN	CURRENT RATING A DC	L w/ DC	@ I A DC	DIMENSIONS				
							A DIM MAX	B DIM MAX	C DIM MAX	D DIM NOM	E DIM NOM
LC20-1101SM	1.10	0.0110	275	5.4	1.01	3.4	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC20-7001SM	7.00	0.0700	55	2.1	6.20	1.4	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC20-2272SM	22.7	0.1250	23	1.6	17.6	1.0	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC30-5201SM	5.20	0.0173	72	5.1	3.8	4.8	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-1232SM	12.3	0.0434	30	3.2	9.4	2.8	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-3532SM	35.3	0.1660	12	1.7	29.7	1.4	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-1673SM	167	0.3800	3.2	1.1	114	0.94	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC37-3801SM	3.80	0.0083	55	7.9	2.5	8.0	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-7501SM	7.50	0.0177	31	5.4	5.1	5.4	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-2192SM	21.9	0.0630	14	2.9	16.2	2.7	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-7302SM	73	0.2900	5	1.3	58.1	1.3	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-2923SM	292	0.5600	1.7	1.0	192	0.90	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-6723SM	672	0.8620	1.1	0.8	383	0.72	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC44-7901SM	7.90	0.0124	27	6.6	4.9	7.8	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-1402SM	14	0.0223	19	4.9	9.0	5.5	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-4052SM	40.5	0.0850	1.3	2.5	29.1	2.7	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-1134SM	1134	1.25	0.70	0.7	645	0.74	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC50-1602SM	16	0.0187	15	6.0	9.3	7.2	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-2592SM	25.9	0.0320	10	4.6	16.1	5.1	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-7292SM	72.9	0.1330	5.0	2.3	50	2.6	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-1954SM	1950	1.70	0.48	0.6	1070	0.71	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)

NOTES

- **Operating Temperature Range:** -30°C to +130°C
- **Current Rating** is based on a 55°C temperature rise at an ambient temperature of 25°C
- **Weight Max:** 0.70 grams (LC20SM Series), 1.65 grams (LC30SM Series), 2.80 grams (LC37SM Series), 4.25 grams (LC44SM Series), 5.50 grams (LC50SM Series)
- **Marking:** Series; XXXXSM (dash number) (see diagram above)
- Excellent Electromagnetic Shielding
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION



TAPE AND REEL SPECS LC20 LC30 LC37 LC44 LC50

Pieces/reel maximum:	750	430	290	250	170
Pitch between parts:	12 mm	16 mm	24 mm	24 mm	32 mm
Tape width:	24 mm	24 mm	24 mm	32 mm	32 mm
Reel diameter:	13 in.	13 in.	13 in.	13 in.	13 in.