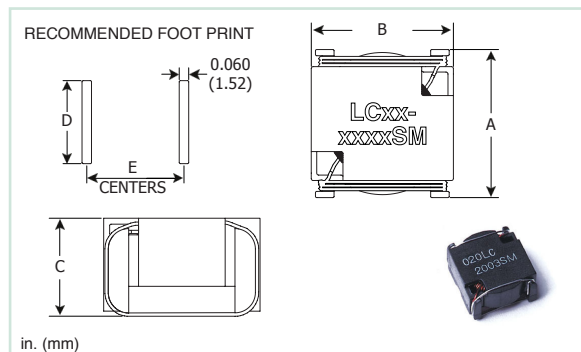


LCSM
LCSMLF

Toroidal Inductor



PART NUMBER	L μ H @ 1 kHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING A DC	L μ H w/ DC	@ I A DC
LC20-1101SM	1.1	275	0.0110	5.4	1.01	3.4
LC20-7001SM	7.0	55	0.0700	2.1	6.2	1.4
LC20-2272SM	22.7	23	0.1250	1.6	17.6	1.0
LC30-5201SM	5.2	72	0.0173	5.1	3.8	4.8
LC30-1232SM	12.3	30	0.0434	3.2	9.4	2.8
LC30-3532SM	35.3	12	0.1660	1.7	29.7	1.4
LC30-1673SM	167	3.2	0.3800	1.1	114	0.94
LC37-3801SM	3.8	55	0.0083	7.9	2.5	8.0
LC37-7501SM	7.5	31	0.0177	5.4	5.1	5.4
LC37-2192SM	21.9	14	0.0630	2.9	16.2	2.7
LC37-7302SM	73	5.0	0.2900	1.3	58.1	1.3
LC37-2923SM	292	1.7	0.5600	1.0	192	0.90
LC37-6723SM	672	1.1	0.8620	0.8	383	0.72
LC44-7901SM	7.9	27	0.0124	6.6	4.9	7.8
LC44-1402SM	14	19	0.0223	4.9	9.0	5.5
LC44-4052SM	40.5	1.3	0.0850	2.5	29.1	2.7
LC44-1134SM	1134	0.70	1.2500	0.7	645	0.74
LC50-1602SM	16	15	0.0187	6.0	9.3	7.2
LC50-2592SM	25.9	10	0.0320	4.6	16.1	5.1
LC50-7292SM	72.9	5	0.1330	2.3	50	2.6
LC50-1954SM	1950	0.48	1.7000	0.6	1070	0.71

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:**
LC20SM: 0.70 grams
LC30SM: 1.65 grams
LC37SM: 2.80 grams
LC44SM: 4.25 grams
LC50SM: 5.50 grams

- **Marking:** LC20-; XXXX (Dash Number); SM
LC20-1101SM

- Excellent Electromagnetic Shielding

- When ordering, specify **termination:**

LC20-1101SMLF

Tolerance: All part numbers provide 20% tolerance on inductance

**Optional tolerances are available; contact factory*

Termination: **LF** = RoHS compliant tin-silver copper over copper

- Custom designs are available to meet your specific requirements; please contact factory

TAPE AND REEL SPECS:	LC20	LC30	LC37	LC44	LC50
Pcs./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.

LCSM 
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Toroidal Inductor

PART NUMBER	DIMENSIONS				
	A DIM MAX	B DIM MAX	C DIM MAX	D DIM NOM	E DIM NOM
LC20-1101SM	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC20-7001SM	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC20-2272SM	0.340 (8.64)	0.340 (8.64)	0.270 (6.86)	0.300 (7.62)	0.270 (6.86)
LC30-5201SM	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-1232SM	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-3532SM	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC30-1673SM	0.440 (11.18)	0.435 (11.05)	0.360 (9.14)	0.400 (10.16)	0.360 (9.14)
LC37-3801SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-7501SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-2192SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-7302SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-2923SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC37-6723SM	0.565 (14.35)	0.560 (14.22)	0.360 (9.14)	0.520 (13.21)	0.460 (11.68)
LC44-7901SM	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-1402SM	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-4052SM	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC44-1134SM	0.615 (15.62)	0.590 (14.99)	0.390 (9.91)	0.550 (13.97)	0.510 (12.95)
LC50-1602SM	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-2592SM	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-7292SM	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)
LC50-1954SM	0.700 (17.78)	0.670 (17.02)	0.390 (9.91)	0.620 (15.75)	0.590 (14.99)