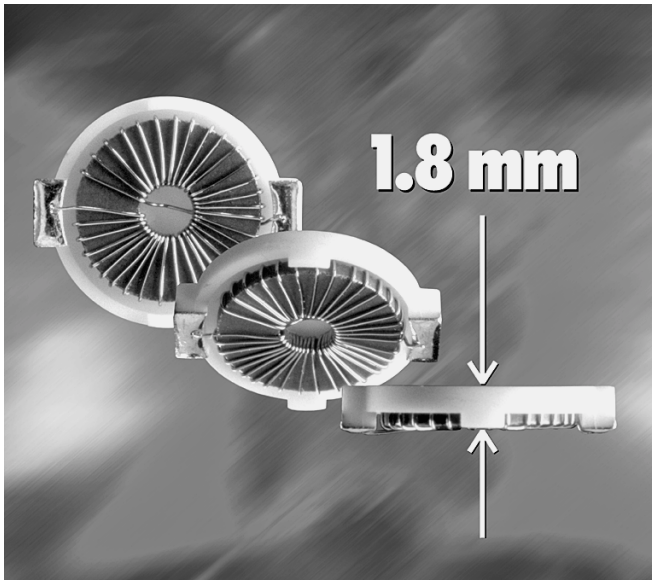
NEW!

SMT Power Inductors - LPT3305 Series



These parts are specially designed for applications requiring a very low profile — 1.8 mm high! They also consume 25% less board space than competitive low profile inductors.

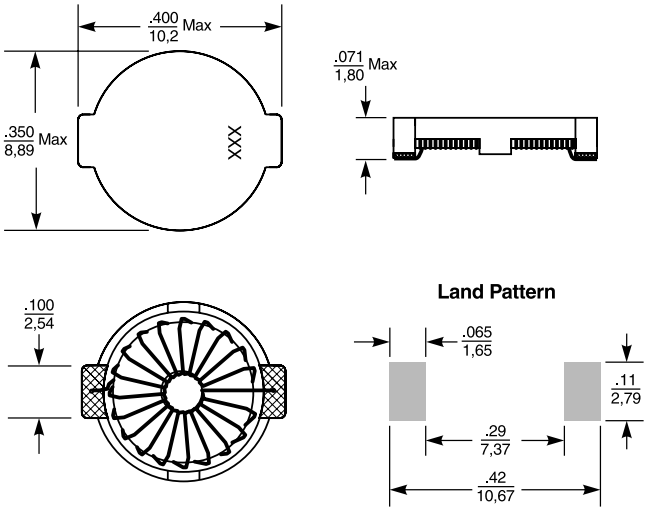
POWER WAFER™ INDUCTORS

The toroid construction minimizes EMI while the ceramic cover provides the best possible surface for pick and place handling and minimizing board space.

Applications include notebook computers and PC cards as well as wireless communication products.

Coilcraft **Designer's Kit C130** has samples of all values. To order, call Coilcraft or visit http://order.coilcraft.com.

PSPICE models SEE DOC 209

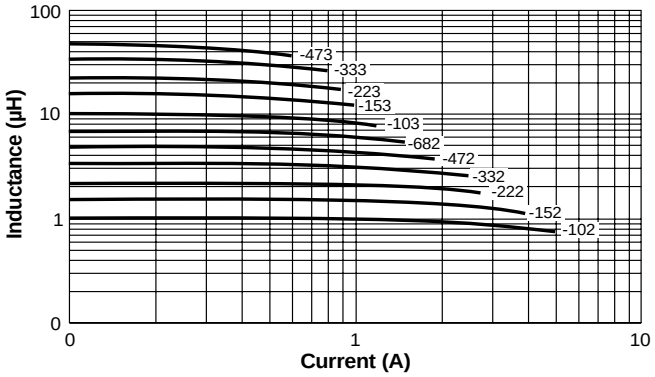


Parts/reel: 13" 1,700 Tape width: 24 mm
For packaging data see "Tape and Reel Specifications" (Document 173)

Part number	L ±20%[1] (µH)	DCR max (Ohms)	SRF min (MHz)	I sat[2] (A)	I rms[3] (A)
LPT3305-102	1.0	.16	615	6.0	1.6
LPT3305-152	1.5	.18	355	4.7	1.5
LPT3305-222	2.2	.23	210	3.8	1.3
LPT3305-332	3.3	.26	175	3.3	1.3
LPT3305-472	4.7	.33	125	2.6	1.2
LPT3305-682	6.8	.36	105	2.1	1.1
LPT3305-103	10	.49	75	1.8	.90
LPT3305-153	15	.75	55	1.4	.85
LPT3305-223	22	1.1	35	1.2	.70
LPT3305-333	33	1.4	20	1.0	.65
LPT3305-473	47	1.6	15	.9	.60

For environmental data see "Product Specifications" (Document 164)
1. Tested @ 100 kHz, 0.1 Vrms.
2. Inductance drop = 30% typ. at rated Isat.
3. ΔT = 40° C rise typ. at Irms.
4. Operating temperature range -40° C to +85° C.
5. Electrical specifications at 25° C.

Typical Inductance vs. Current



Coilcraft

1102 Silver Lake Road Cary, Illinois 60013 **Phone** 847/639-6400 **Fax** 847/639-1469
E-mail info@coilcraft.com **Data by Fax** 800/651-6974 **Web** http://www.coilcraft.com