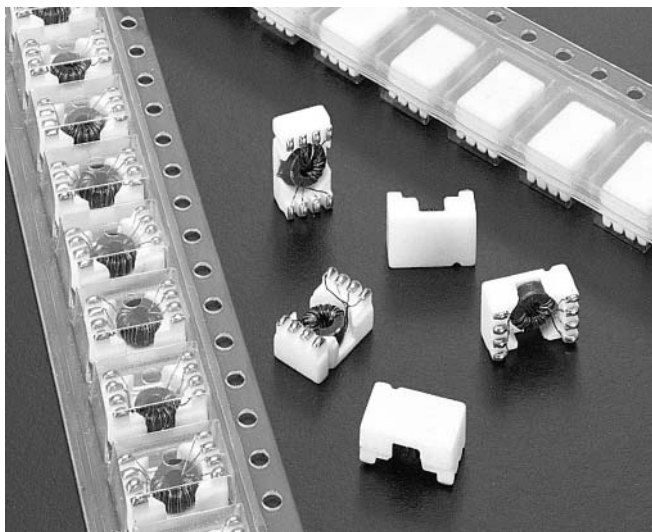


Surface Mount Data Line EMI Filters



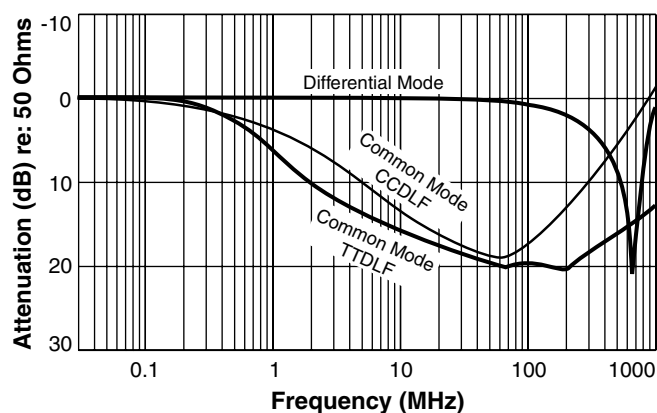
These surface mount filters are designed to virtually eliminate the problem of conducted EMI in data line applications. They provide exceptional common mode noise attenuation from 15 MHz to 300 MHz while passing signal line data below 300 MHz with minimal attenuation.

These low resistance filters have been designed for excellent electrical isolation (300 Vrms), environmental stability and low cost. Their flat top construction is compatible with auto insertion equipment.

Coilcraft data line EMI filters come in 10, 8, 4, 3 and 2-line versions with DC current capacity of 500 or 100 mA.

Coilcraft **Designer's Kit D103** contains all values shown below except TTDLF 10000 plus through-hole versions. To order, contact Coilcraft or purchase on-line at <http://order.coilcraft.com>.

Typical Response*



*measured on HP 8753D network analyzer.

Part number	Lines	Current max ¹ (mA)	L/winding min (μH)	DCR max (mOhms)	Weight (mg)	Color Dot
CCDLF 10000	10	100	5	250	673	Brown
CCDLF 8000	8	100	5	250	540	Black
CCDLF 8500	8	500	5	200	559	Green
TTDLF 10000	10	100	5	250	601	—
TTDLF 4000	4	100	5	250	268	Yellow
TTDLF 4500	4	500	5	200	270	Blue
TTDLF 3000	3	100	5	250	263	Orange
TTDLF 3500	3	500	5	200	270	Violet
TTDLF 2000	2	100	5	250	258	Red
TTDLF 2500	2	500	5	200	265	Green

1. Current rating is for each line.
2. Operating temperature range -40°C to +85°C.
3. Electrical specifications at 25°C.

Coilcraft[®]

Specifications subject to change without notice.
Please check our website for latest information.

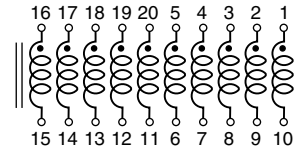
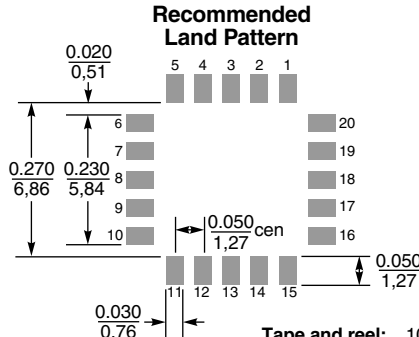
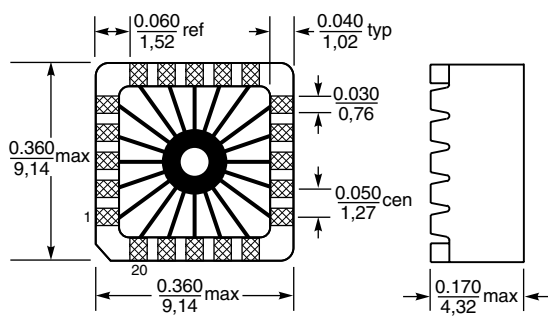
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1102 Silver Lake Road Cary, Illinois 60013 Phone 847/639-6400 Fax 847/639-1469

E-mail info@coilcraft.com Web <http://www.coilcraft.com>

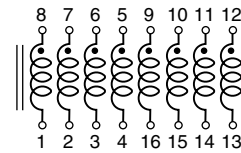
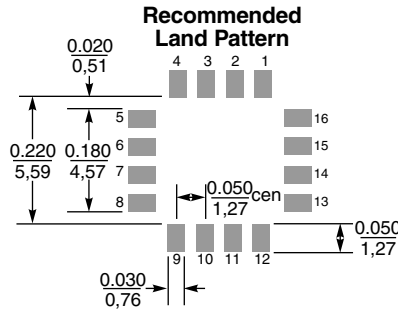
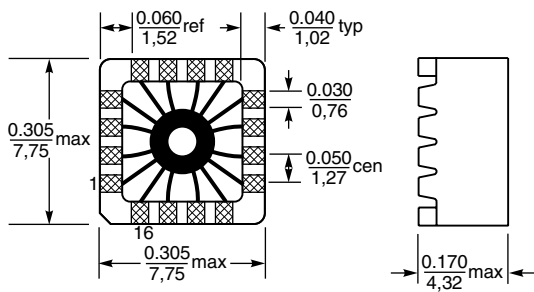
Surface Mount Data Line EMI Filters

CCDLF 10000



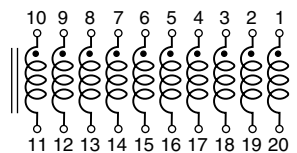
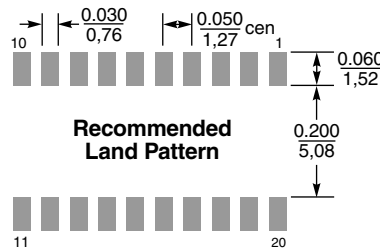
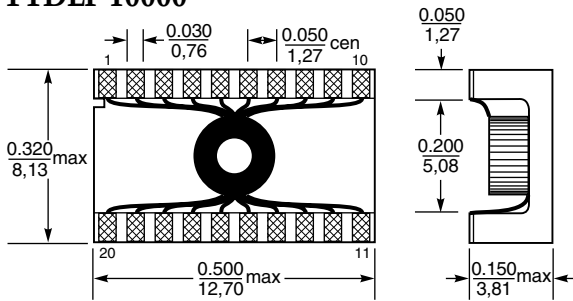
Tape and reel: 1000/13" reel 16 mm tape width
 For packaging data see Tape and Reel Specifications section.

CCDLF 8000, 8500



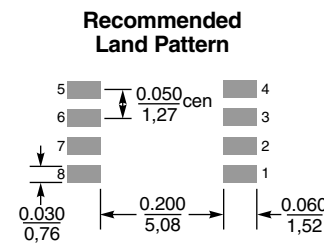
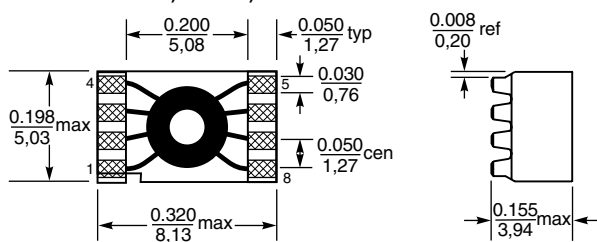
Tape and reel: 1000/13" reel 16 mm tape width
 For packaging data see Tape and Reel Specifications section.

TTDLF 10000

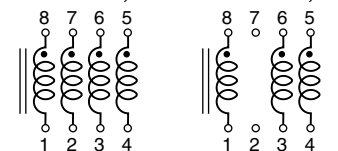


Tape and reel: 500/7" reel; 2200/13" reel 24 mm tape width
 For packaging data see Tape and Reel Specifications section.

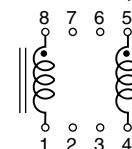
TTDLF 4x00, 3x00, 2x00



TTDLF 4000, 4500 TTDLF 3000, 3500



TTDLF 2000, 2500



Tape and reel: 500/7" reel; 2200/13" reel 16 mm tape width
 For packaging data see Tape and Reel Specifications section.



Specifications subject to change without notice.
 Please check our website for latest information.

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