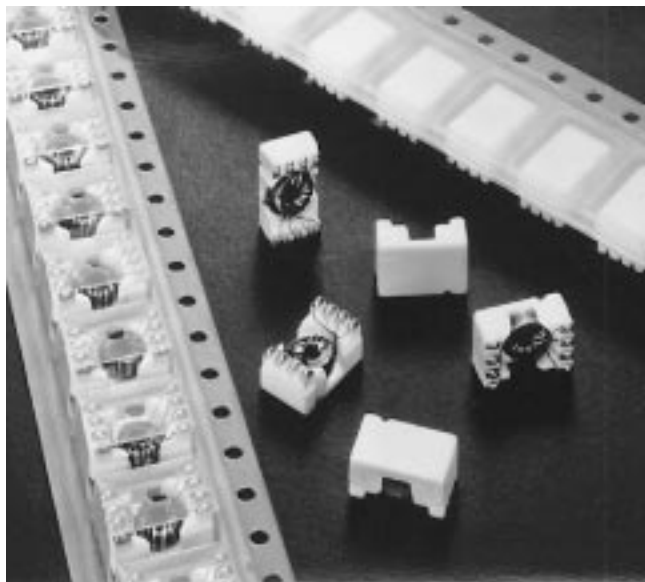


Surface Mount Data Line EMI Filters



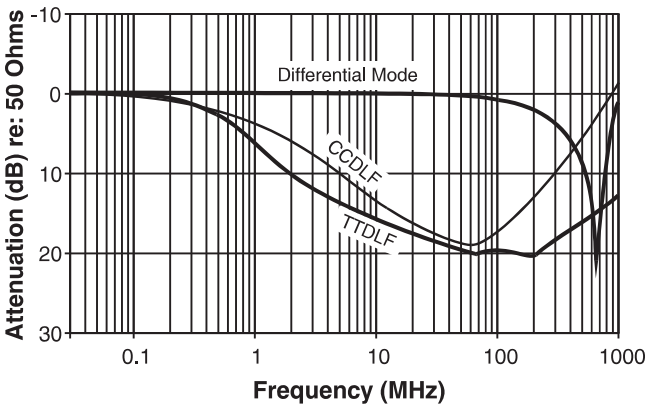
These surface mount filters are designed to virtually eliminate the problem of conducted EMI in data line applications. They provide common mode noise attenuation and can reduce conducted noise by a factor of 32 from nearly 15 MHz to 300 MHz while passing signal line data frequencies below 300 MHz without attenuation.

These low resistance filters have been designed for excellent electrical isolation, 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 plus through-hole versions. To order, please contact Coilcraft or visit <http://order.coilcraft.com>.

Typical Response*



*measured on HP8753D network analyzer.

Part Number	Lines	Max. Current (mA)	L/winding Min. (μH)	DCR Max. (mOhms)	Isolation (Vrms)
CCDLF 10000	10	100	5	250	300
CCDLF 8000	8	100	5	250	300
CCDLF 8500	8	500	5	200	300
TTDLF 4000	4	100	5	250	300
TTDLF 4500	4	500	5	200	300
TTDLF 3000	3	100	5	250	300
TTDLF 3500	3	500	5	200	300
TTDLF 2000	2	100	5	250	300
TTDLF 2500	2	500	5	200	300

Operating temperature range -40°C to +85°C
Electrical specifications at 25°C

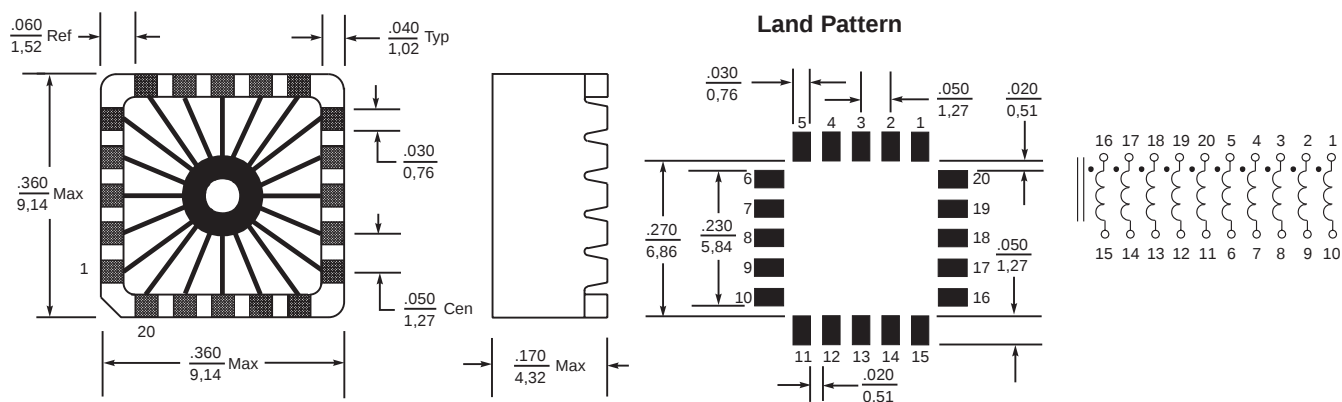
Coilcraft

Specifications subject to change without notice. Document 123-1 Revised 2/4/99

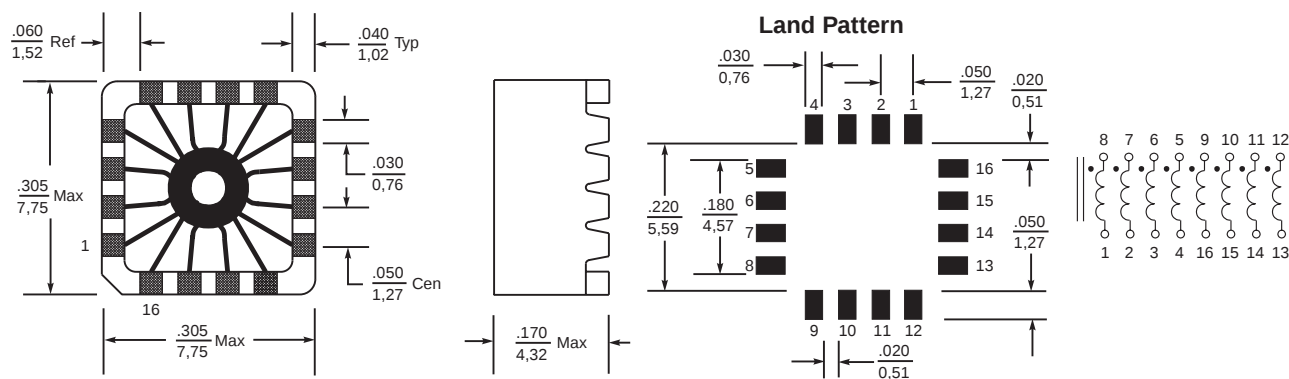
1102 Silver Lake Road Cary, Illinois 60013 Phone 847/639-6400 Fax 847/639-1469
E-mail info@coilcraft.com Data by Fax 800/651-6974 Web <http://www.coilcraft.com>

Surface Mount Data Line EMI Filters

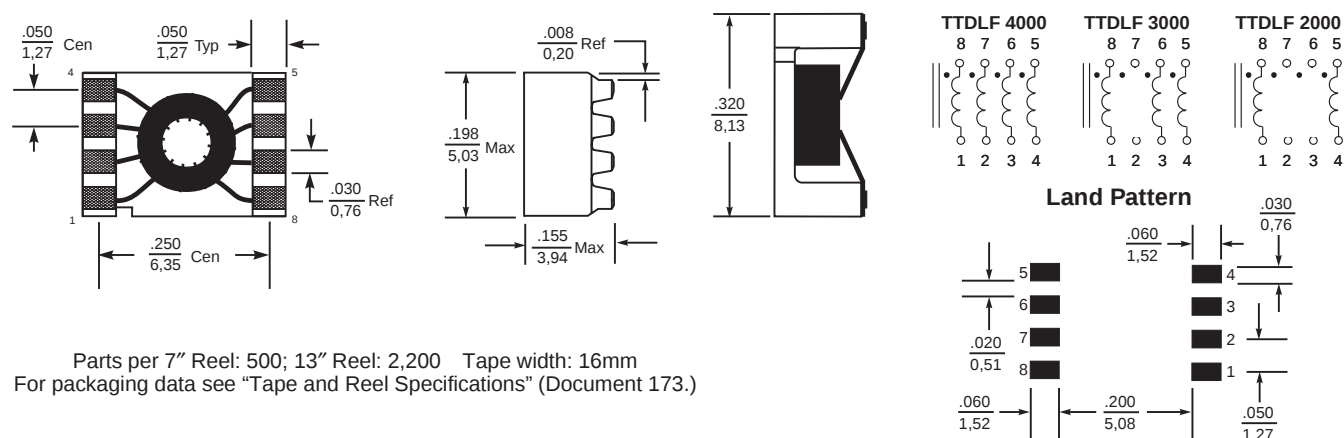
CCDLF 10000



CCDLF 8000



TTDLF Series



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