

Tip and Ring Common Mode Filters

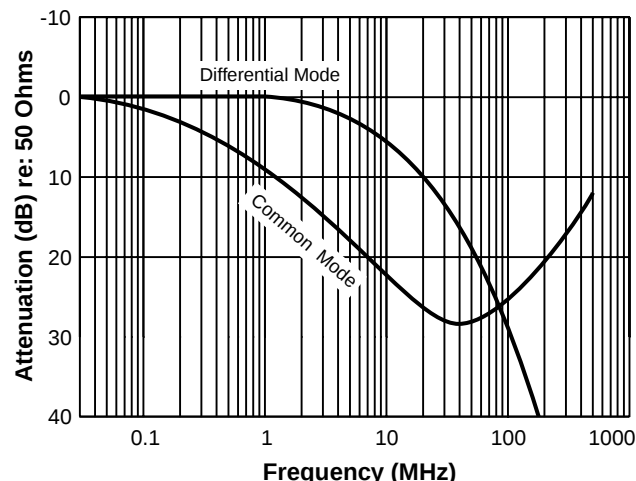


These economical filters are designed to help telecommunications equipment engineers meet FCC and CCITT requirements. Available in 1 or 2 line (2 or 4 wire) versions, Coilcraft tip and ring filters provide >15 dB attenuation of common mode noise over the 3 Hz to 300 MHz frequency range.

Part number:	TRF 2000 (1-line) TRF 4000 (2-line)
Minimum inductance:	20 μ H
Rated current:	500 mA
DC resistance:	0.065 Ohms max
Dielectric strength:	1500 Vrms min (1,2-3,4)

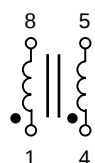
1. Operating temperature range -40°C to $+85^{\circ}\text{C}$.
2. Electrical specifications at 25°C .

Typical Response*

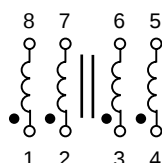


*measured on HP 8753D network analyzer

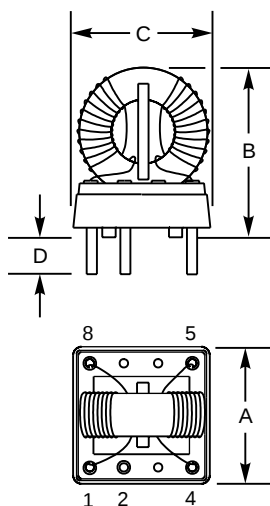
TRF 2000



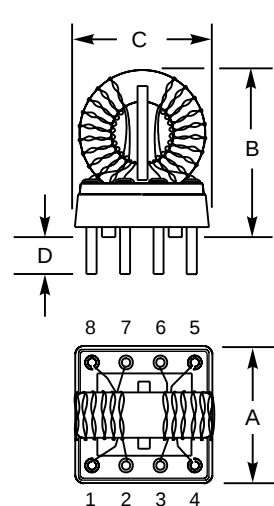
TRF 4000



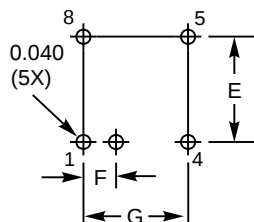
TRF2000



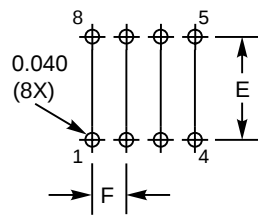
TRF 4000



Hole pattern



Hole pattern



A max	B max	C max	D	E	F	G
0.425	0.550	0.475	0.115	0.300	0.100	0.300
10,80	13,97	12,07	2,92	7,62	2,54	7,62

Coilcraft®

Specifications subject to change without notice. Document 152 Revised 11/26/02

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