



# Surface Mount Tip and Ring Filters



These surface mount tip and ring filters provide substantial reduction of noise throughout an extended frequency range. They're packaged in a flat-top ceramic header for reliable pick and place operations and optimal thermal characteristics.

Parts are manufactured with lead-free solder that make them compliant with RoHS standards.

Part number <sup>1</sup>	TTTRF2000L	TTTRF4000L
Lines	1	2
Minimum inductance: (each winding @ 130 kHz)	35 $\mu$ H	35 $\mu$ H
Rated current:	500 mA	500 mA
DCR each winding:	0.075 $\Omega$ max	0.135 $\Omega$ max
Dielectric strength:	1500 Vrms (1-8)	1500 Vrms (1,2-7,8)

1. When ordering, please specify **packaging** code:

**TTTRF4000LC**

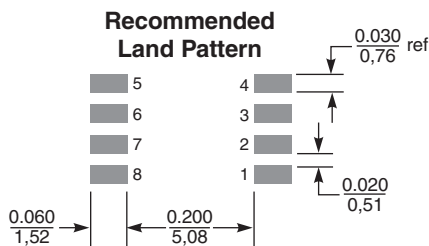
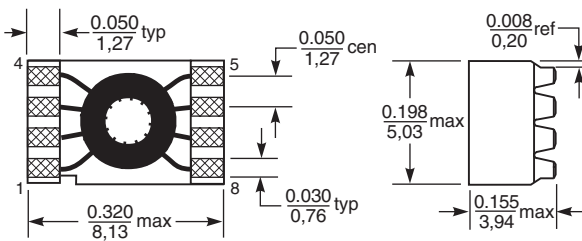
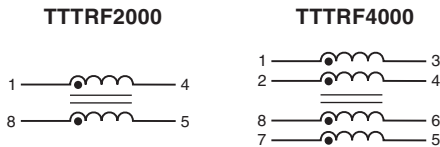
**Packaging: C** = 7" machine ready reel. EIA-481 embossed plastic tape, 500 parts per full reel.

**B** = Less than full reel. In tape, but not machine ready. To have a leader and trailer added (\$25 charge), use code letter C instead.

**D** = 13" machine ready reel. EIA-481 embossed plastic tape. Factory order only, not stocked, 2200 parts per full reel.

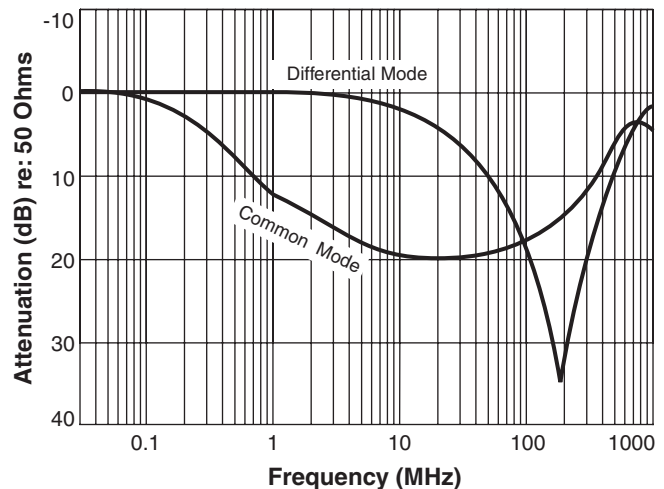
2. Operating temperature range -40°C to +85°C.

3. Electrical specifications at 25°C.



**Weight:** 0.27 - 0.29 g  
**Termination:** Tin-silver-copper over silver-platinum  
**Tape and reel:** 500/7" reel; 2200/13" reel 16 mm tape width  
 For packaging data see Tape and Reel Specifications section.

## Typical Response\*



\*Measured on Agilent/HP 8753D network analyzer.



Specifications subject to change without notice. Please check our website for latest information. Document 156 Revised 05/19/05

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