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[1]	TTTRF2000L_	TTTRF4000L_
Lines	1	2
Minimum inductance: (each winding @130 kHz)	35 µH	35 µH
Rated current:	500 mA	500 mA
DCR each winding:	0.075 Ω max	0.135 Ω max
Dielectric strength:	1500 Vrms (1–8)	1500 Vrms (1,2–7,8)

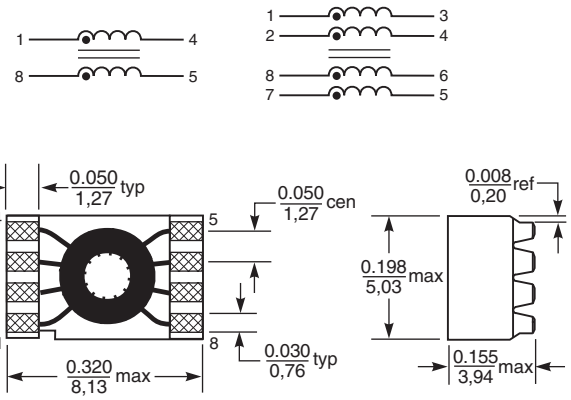
1. When ordering, please specify **packaging** code:

TTTRF4000L C

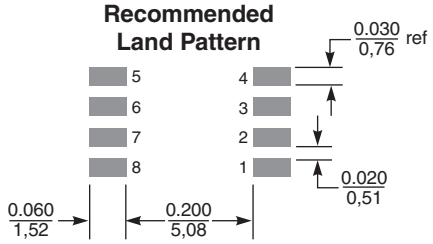
Packaging: C = 7″ machine ready reel. EIA-481 embossed plastic tape, 500 parts per full reel.
B = Less than full reel. In tape, but not machine ready. To have a leader and trailer added ($25 charge), use code letter C instead.
D = 13″ machine ready reel. EIA-481 embossed plastic tape. Factory order only, not stocked, 2200 parts per full reel.

2. Operating temperature range –40°C to +85°C.
3. Electrical specifications at 25°C.

TTTRF2000 **TTTRF4000**

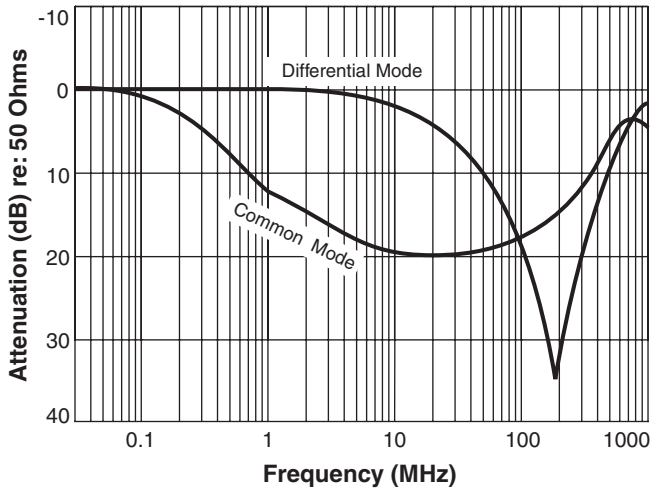


Recommended Land Pattern



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.

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