



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.

Part number ¹	TTTRF2000L_	TTTRF4000L_
Lines	1	2
Minimum inductance: (each winding @ 130 kHz)	35 μ H	35 μ H
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 **termination** and **packaging** codes:

TTTRF4000LC

Termination: **L** = RoHS compliant tin-silver-copper over silver-platinum-glass frit.
Special order, added cost: **S** = non-RoHS tin-lead (63/37)

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. Ambient temperature range -40°C to +85°C.

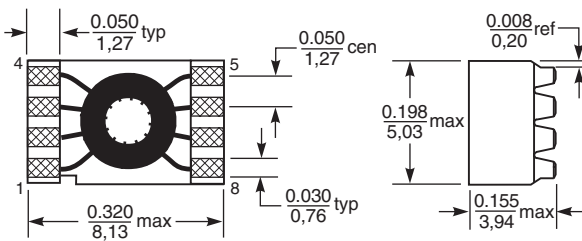
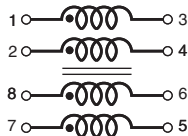
3. Electrical specifications at 25°C.

Refer to Doc 362 "Soldering Surface Mount Components" before soldering.

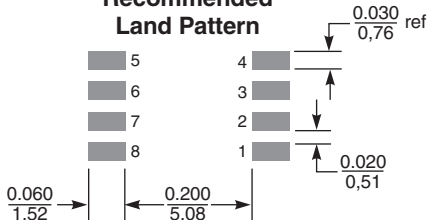
TTTRF2000



TTTRF4000



Recommended Land Pattern

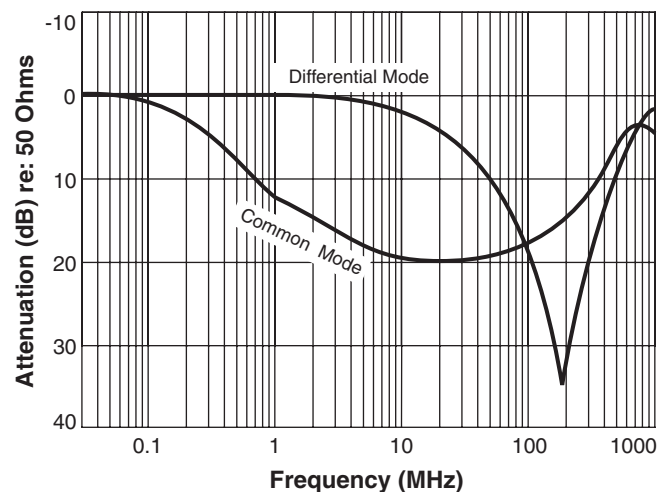


Weight: 0.27 – 0.29 g

Packaging 500/7" reel; 2200/13" reel Plastic tape: 16 mm wide, 0.3 mm thick, 8 mm pocket spacing, 3.8 mm pocket depth

PCB washing Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf.

Typical Response*



*Measured on Agilent/HP 8753D network analyzer.

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