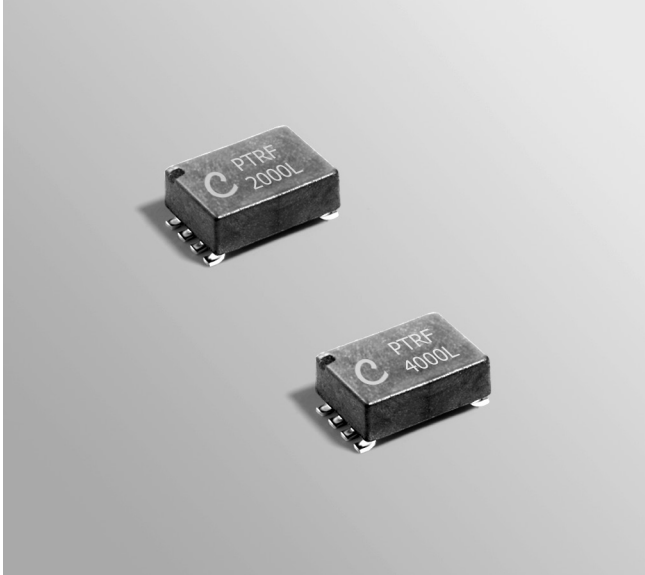




Surface Mount Tip and Ring Filters



Part number ¹	PTRF2000L_	PTRF4000L_
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 **packaging** code:

PTRF4000LC

- 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. Electrical specifications at 25°C.

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

Core material Ferrite

Terminations RoHS tin-silver-copper over tin over nickel over phos bronze

Weight 214 – 216 mg

Ambient temperature -40°C to +85°C

Storage temperature Component: -40°C to +85°C.

Tape and reel packaging: -40°C to +80°C

Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

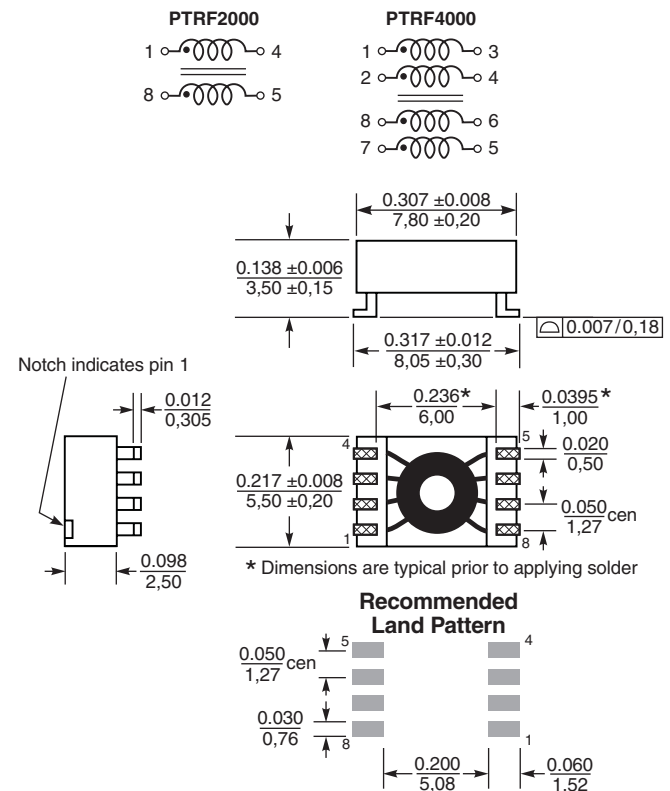
Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

Packaging 500/7" reel; 2000/13" reel Plastic tape: 16 mm wide, 0.35 mm thick, 8 mm pocket spacing, 4.4 mm pocket depth

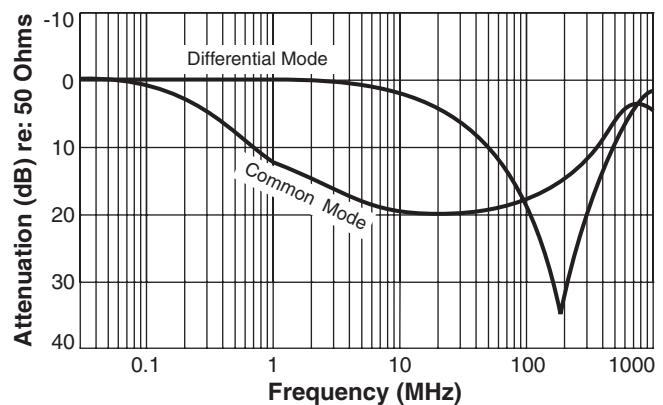
PCB washing Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf

These surface mount tip and ring filters provide substantial reduction of noise throughout an extended frequency range. Their economical design makes them attractive for a wide variety of applications.

Free evaluation samples are available by contacting Coilcraft or ordering them on-line at www.coilcraft.com.



Typical Response**



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

Coilcraft

www.coilcraft.com

US +1-847-639-6400 sales@coilcraft.com

UK +44-1236-730595 sales@coilcraft-europe.com

Taiwan +886-2-2264 3646 sales@coilcraft.com.tw

China +86-21-6218 8074 sales@coilcraft.com.cn

Singapore + 65-6484 8412 sales@coilcraft.com.sg

Document 492 Revised 11/10/05

© Coilcraft Inc. 2013

This product may not be used in medical or high risk applications without prior Coilcraft approval. Specification subject to change without notice. Please check web site for latest information.