POTS FILTERS

For DSL Applications

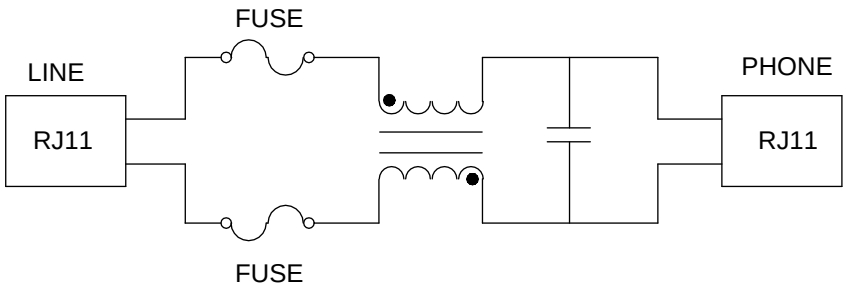
- *Filter design is compliant with all ADSL,RADSL, SDSL and VDSL coding standards*
- *Operating temperature range of -40° to 85°*
- *Packages design includes RJ-11 connectors for easy installation*
- *Meets UL, CSA and TUV safety standard*
- *UL 1950 compliant*
- *Meets FCC Part 68 Rules*

Electrical specifications at 25°C

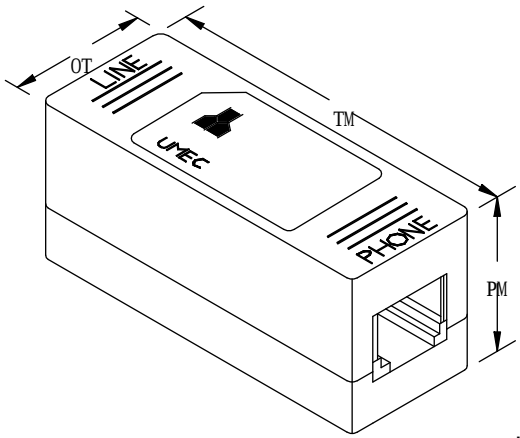
Part No.	Inductance (mH±5%)	Configuration	Cutoff frequency -3dB	Attenuation (dB)		Insertion Loss 200Hz to 4kHz (dB)	Pass Band Ripple 200Hz to 4kHz (dB)	D.C.R. Each Line (ohms max.)	Return Loss At1kHz 600ohms ref. (dB)
				20kHz	40kHz				
UT20140	1.0	With Fuse	13.5kHz	6.5	15.0	0.5	±0.5	1.2	23
UT20141	4.0	With Fuse	12kHz	9.0	20.0	0.5	±0.5	4.0	27
UT20142	4.0	W/O Fuse	12kHz	9.0	20.0	0.5	±0.5	4.0	27

Note : Inductance test condition : 1KHz 100mVrms and with DC bias 100mA
The Fuse is 250V/700mA

Circuits:



Dimensions :



UNIT: mm

Connector/Function	Style	Tip	Ring
LINE	RJ11	Pin 3	Pin 4
PHONE	RJ11	Pin 3	Pin 4

UNIVERSAL MICROELECTRONICS CO.,LTD. *3,27TH RD.,TAICHUNG INDUSTRIAL PARK,*
TEL:886-4-3590096 FAX:886-4-3590129 *TAICHUNG,TAIWAN,R.O.C*