

ADSL/POTS

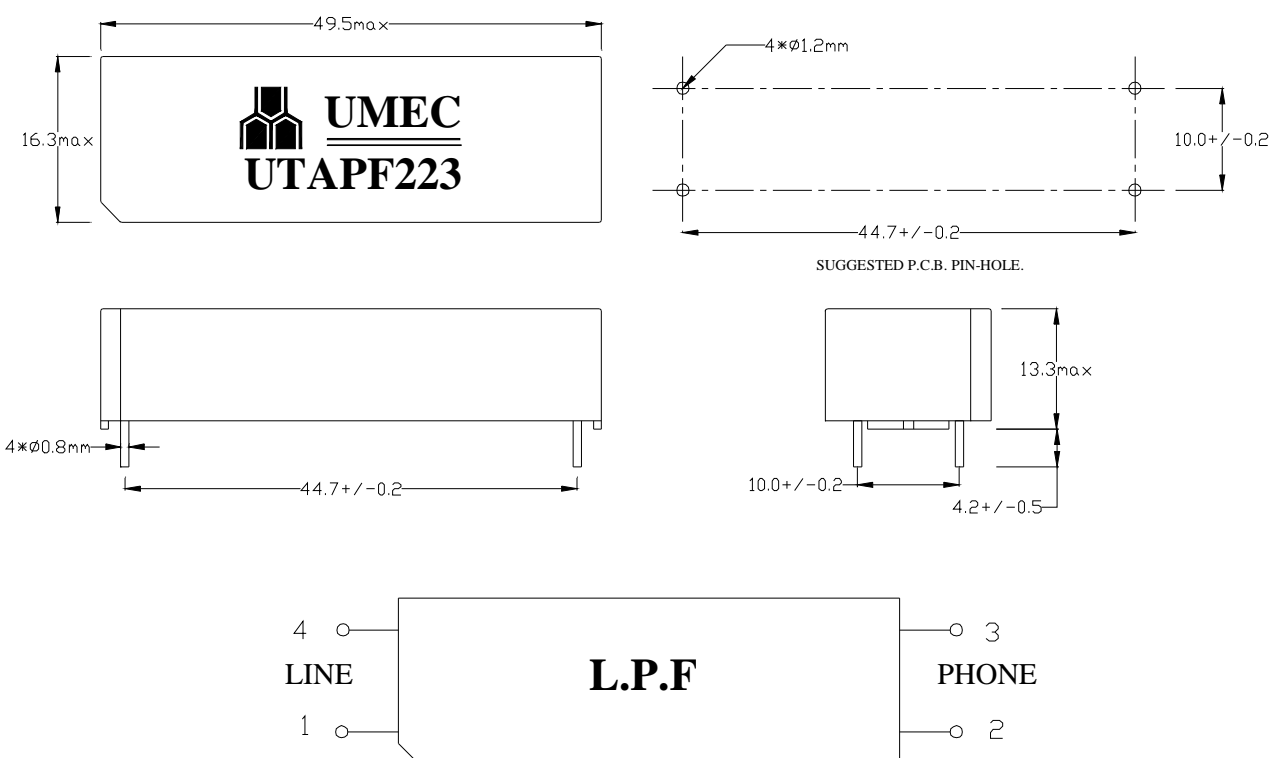
UM MODEL NO.:	SPECIFICATIONS	REV.	
UTAPF223	ADSL POTS CO SPLITTER	B0	2004/51

Electrical specification at 25°C:

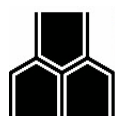
- 1.) Impedance (Z_R) : $220\Omega + (820\Omega // 115nF)$.
- 2.) Total D.C.R. : 50Ω max. , PIN(2-3),PIN(1-4)connected .
- 3.) Insertion Loss : $1.0dB$ max. ,at 1K Hz ,Line to Phone , Line with Z_{ADSL} .
- 4.) Pass Band Ripple : $\pm 1.0dB$ max. , 100Hz to 4000Hz , 1KHz 0dB ref,Line to Phone , Line with Z_{ADSL} .
- 5.) Attenuation : $55dB$ min. , 32KHz to 1.1MHz , Line to Phone , Line with Z_{ADSL} .
- 6.) Return Loss. : $12dB$ min. , 100Hz to 3400Hz , Line to Phone , Line with Z_{ADSL} , Phone with Z_R .
: $8dB$ min. , 3400Hz to 4000Hz , Line to Phone , Line with Z_{ADSL} , Phone with Z_R .
- 7.) Longitudinal Balance : $40dB$ min. , 100Hz to 600Hz , Line to Phone.
: $46dB$ min. , 600Hz to 3200Hz , Line to Phone.
: $40dB$ min. , 3200Hz to 4000Hz , Line to Phone.
- 8.) Group Delay : $250\mu Sec$ max. , 100Hz to 4000Hz .
- 9.) Line Side Impedance : $1.0K\Omega$ min. , 32KHz to 1.1MHz ,PIN(1-4) .
- 10.) Isolation resistance : $5.0M\Omega$ min. with $100V_{DC}$,PIN(1-2) to PIN(3-4) .

Note: Designed to meet ETSI specification TS101-952-1-1 & TR 101 728-V1.2.1.

Schematic diagram & Dimensions:



UNIT : mm



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E10-033-C