

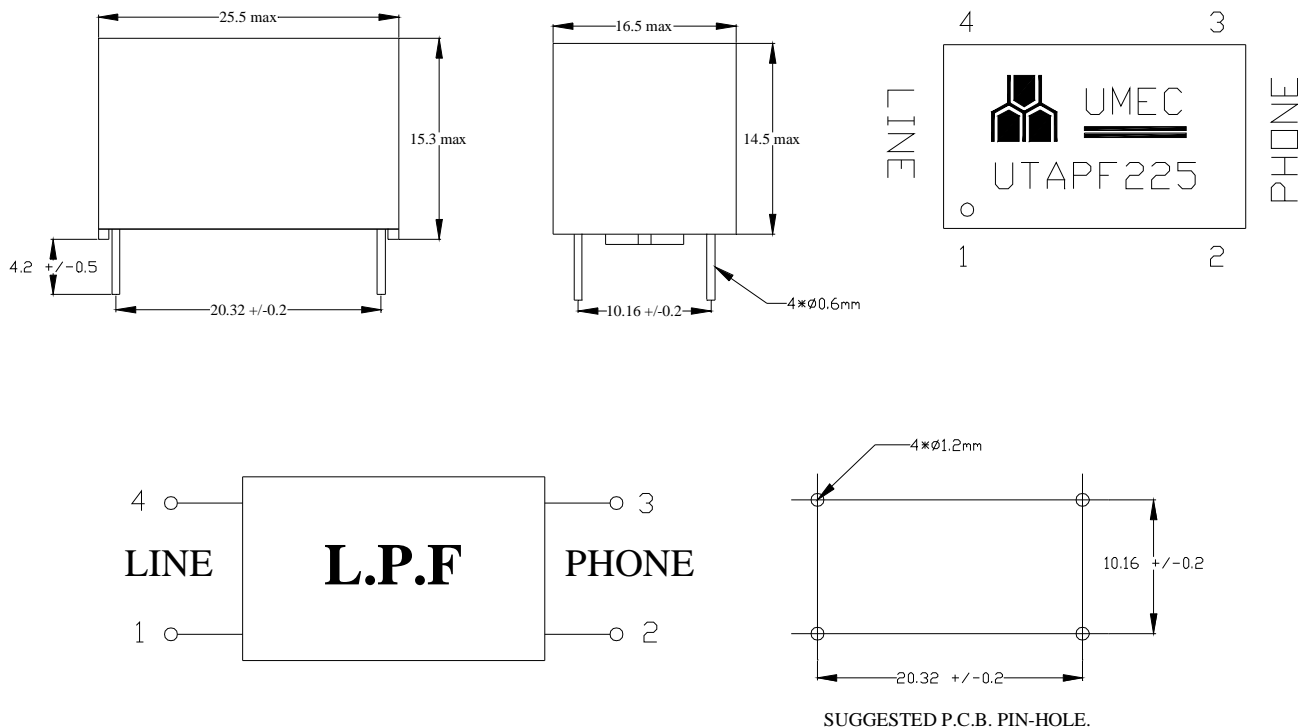
ADSL/POTS

UM MODEL NO.:	SPECIFICATIONS	REV.	
UTAPF225	ADSL POTS CO SPLITTER	A0	2004/48

Electrical specification at 25°C:

- 1.) Impedance : 900 Ω.
- 2.) D.C.R : 40Ωmax. , PIN(2-3), PIN(1-4) connected.
- 3.) Insertion Loss : 1.0dB max. , at 1000 Hz , Line to Phone , Line with Z_{ADSL} .
- 4.) Pass Band Ripple : ±1.0dB max. , 200Hz to 3400Hz , Line to Phone , Line with Z_{ADSL} .
: ±1.5dB max. , 3400Hz to 4000Hz , Line to Phone , Line with Z_{ADSL} .
- 5.) Return Loss : 14dB min. , 300Hz to 500Hz , Line to Phone , Phone with 900Ω .
: 18dB min. , 500Hz to 2000Hz , Line to Phone , Phone with 900Ω .
: 14dB min. , 2000Hz to 3400Hz , Line to Phone , Phone with 900Ω .
- 6.) Attenuation : 65dB min. , 25kHz to 300kHz , Line to Phone , Line with Z_{ADSL} .
: 55dB min. , 300kHz to 1104kHz , Line to Phone , Line with Z_{ADSL} .
- 7.) Longitudinal Balance : 58dB min. , 200Hz to 3400Hz , Line to Phone .
- 8.) Delay Distortion : 200μSec max. , 600Hz to 3.2kHz .
: 250μSec max. , 200Hz to 4.0kHz .
- 9.) Isolation Resistance : 10MΩmin with 100V_{DC} , PIN(1-2) to PIN(3-4) .

Schematic diagram & Dimensions:



UNIT : mm

Tolerances : ±0.2mm



UNIVERSAL MICROELECTRONICS CO.,LTD.
 TEL:886-4-23590096 FAX:886-4-23590129
<http://www.umec-web.com> E-mail:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
 TAICHUNG,TAIWAN,R.O.C

E10-032-C