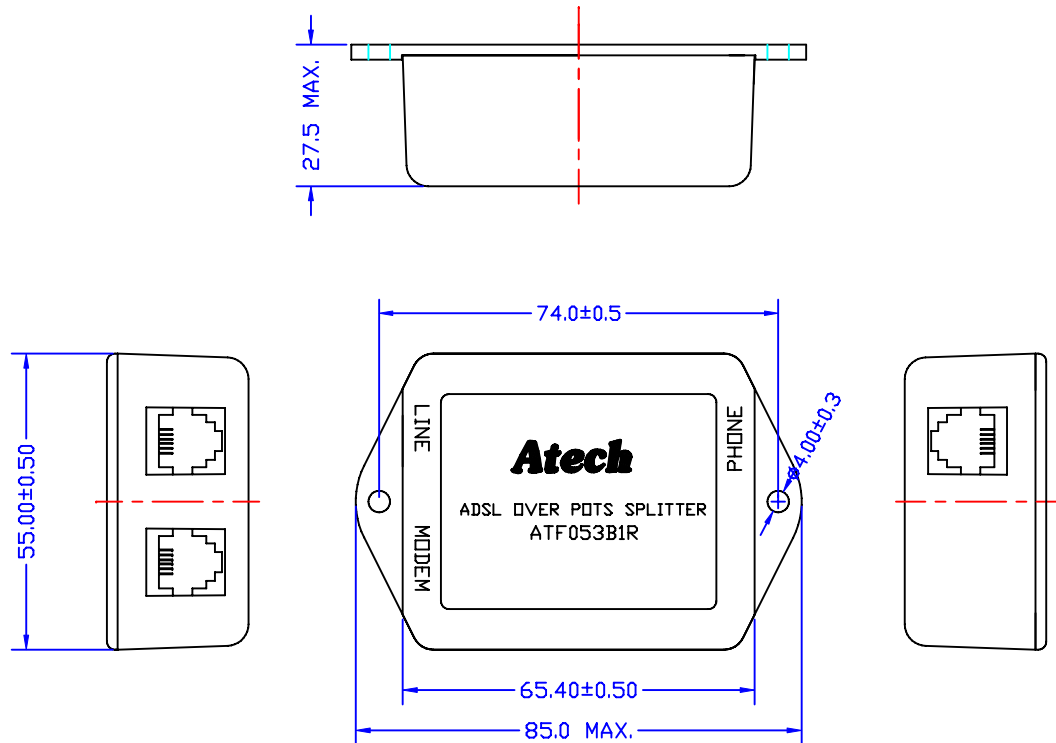


ELECTRICAL CHARACTERISTICS :

- FOR COMPLEX IMPEDANCE : $Z_R = 270 \text{ OHM} + (750 \text{ OHM} // 150\text{nF})$
 $Z_{SL} = 82 \text{ OHM} + (600 \text{ OHM} // 68\text{nF})$
 $Z_{ONHI} = 68 \text{ OHM} + (10\text{K OHM} // 2.2 \text{ nF})$
- DCR EACH LINE : 25 OHM MAX.
- INSERTION LOSS (@1KHz , LOAD 600 OHM / Z_R) : 1dB MAX.
- INSERTION LOSS DISTORTION (@200Hz-4KHz , LOAD 600 OHM / Z_R) : $\pm 1\text{dB}$
- RETURN LOSS : REF Z_R LINE TO PHONE (@300Hz-3.4KHz) = 14dB MIN.
(@500Hz-2KHz) = 18dB MIN.
PHONE TO LINE (@300Hz-3.4KHz) = 14dB MIN.
(@500Hz-2KHz) = 18dB MIN.
- UNBALANCE ABOUT EARTH : POTS TO LINE
(@200Hz-600Hz) = 40dB MIN.
(@600Hz-3.4KHz) = 46dB MIN.
(@3.4KHz-4KHz) = 40 dB MIN.
- DSL BADN ON-HOOK ISOLATION (@32KHz-350KHz) = 34 dB MIN.
(@350KHz-2.2MHZ) = 51 dB MIN.
- DSL BADN OFF-HOOK ISOLATION (@32KHz-138KHz) = 45dB MIN.
(@138KHz-2.2MHz) = 55dB MIN.
- RoHS Compliant

						Atech® Atech Technology Co., Ltd. TEL:0212794-6667 FAX:0212794-8004	TITLE ADSL OVER POTS SPLITTER	
B	ISOLATION 51dB MIN.	12/15/2006	PAIR	MICHAEL	EUGENE		DWG. NO.	
A	MARKING ATF053B1R	07/24/2006	PAIR	MICHAEL	EUGENE	ATF053B1R		
	RELEASE	06/08/2006	PAIR	MICHAEL	EUGENE	UNITS:	SAFETY	SHEET OF
NO:	DESCRIPTION	DATE	BY	CHK	APPD	M/M		
REVISIONS						DATE	P/N:	DRAW
						06/08/06	CSA06000QA	<i>Pair</i>