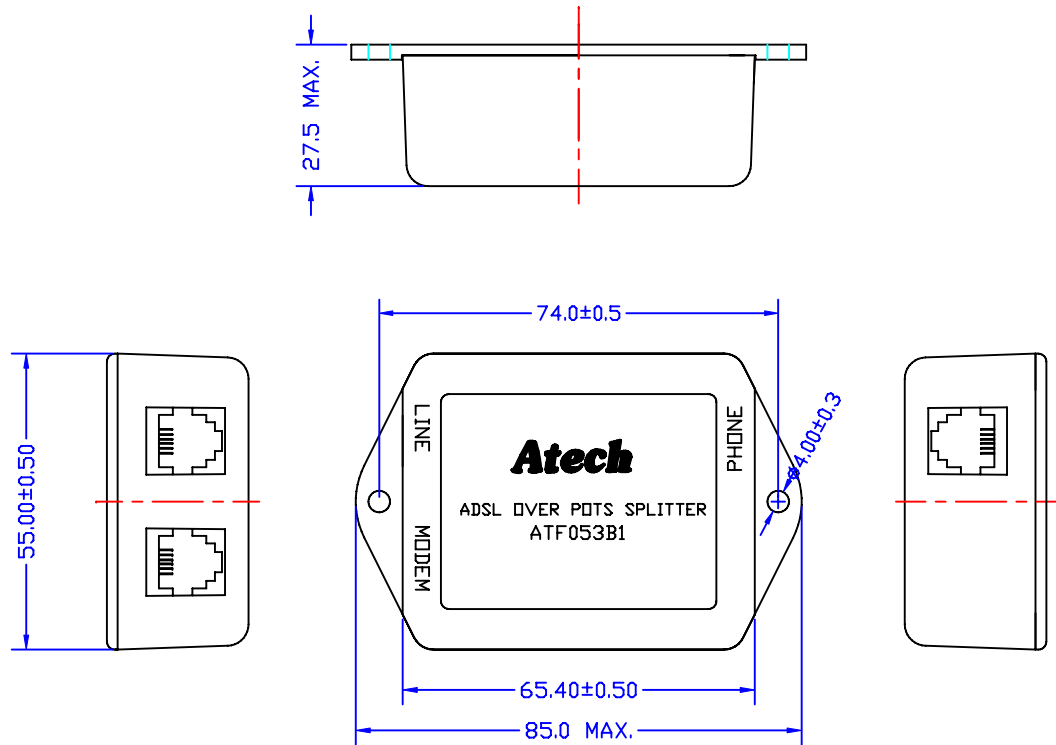


ELECTRICAL CHARACTERISTICS :

- 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) = 14 dB MIN.
(@500Hz-2 KHz) = 18dB MIN.
PHONE TO LINE (@300Hz-3.4KHz) = 14 dB MIN.
(@500Hz-2 KHz) = 18 dB 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-2.2 MHz) = 55 dB MIN.
- DSL BADN OFF-HOOK ISOLATION (@32KHz-138KHz) = 45dB MIN.
(@138KHz-2.2 MHz) = 55dB MIN.

F	ISOLATION 51dB MIN.	12/15/2006	PAIR	MICHAEL	EUGENE	Atech® Atech Technology Co. Ltd. TEL:0212794-6667 FAX:0212794-8004	TITLE	ADSL OVER POTS SPLITTER
E	ON-HOOK ISOLATION 34dB MIN.	07/26/2006	PAIR	MICHAEL	EUGENE		DWG. NO.	ATF053B1
D	CAP	06/14/2006	PAIR	MICHAEL	EUGENE		UNITS:	
	RELEASE	05/25/2005	BART	MICHAEL	SUEDY		M/M	
NO	DESCRIPTION	DATE	BY	CHK	APPD	DATE	SHEET OF	DRAW
REVISIONS						05/25/05		Pair