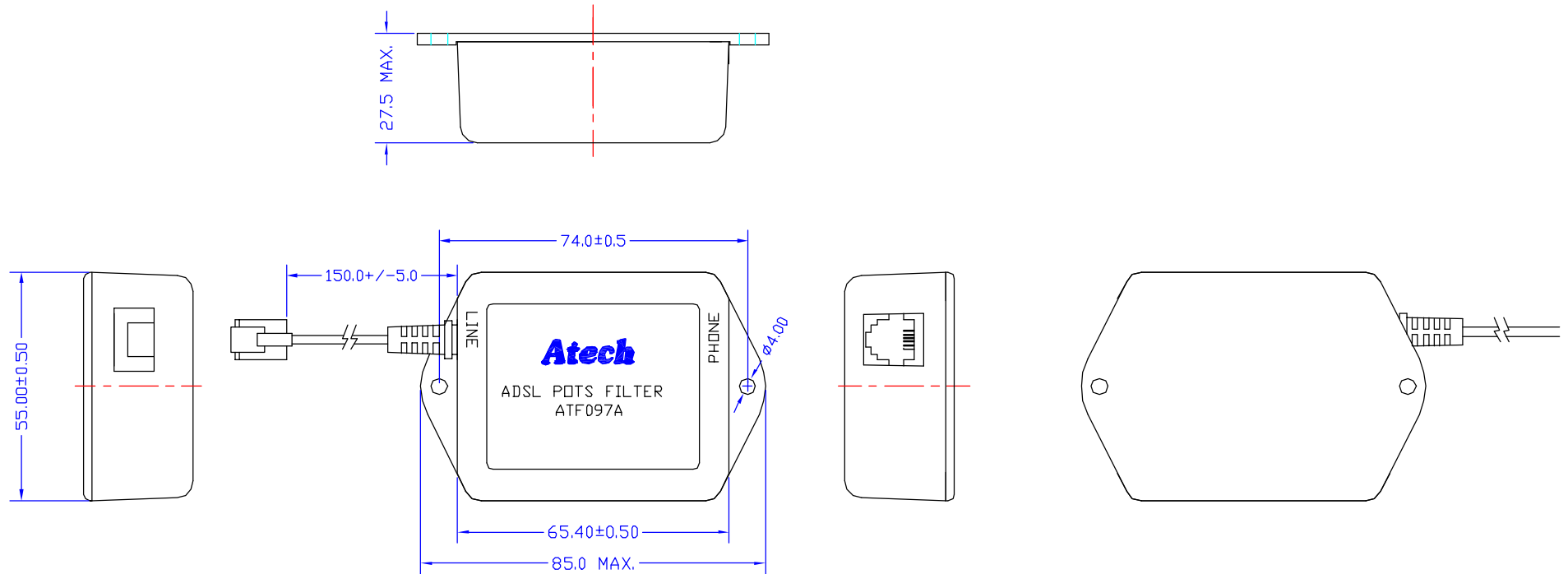
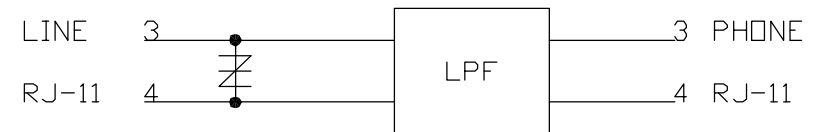




ELECTRICAL CHARACTERISTICS : (ETSI TS 101 952-1-1)

- 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) = 12dB MIN.
 (@3.4KHz-4KHz) = 8dB MIN.
 PHONE TO LINE (@300Hz-3.4KHz) = 12dB MIN.
 (@3.4KHz-4KHz) = 8dB MIN.
 REF Z_{SL} LINE TO PHONE (@300Hz-3.4KHz) = 12dB MIN.
 (@3.4KHz-4KHz) = 8dB MIN.
 PHONE TO LINE (@300Hz-3.4KHz) = 12dB MIN.
 (@3.4KHz-4KHz) = 8dB 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) = 34dB MIN.
 (@350KHz-3MHz) = 51dB MIN.
- DSL BADN OFF-HOOK ISOLATION (@32KHz-138KHz) = 45dB MIN.
 (@138KHz-3MHz) = 55dB MIN.



						Atech® Atech Technology Co., Ltd. TEL: (02) 2794-6667 FAX: (02) 2794-8004		TITLE ADSL POTS FILTER	
								DWG. NO. ATF097A	
	RELEASE	08/08/2005	BART	EUGENE	SUEDY	UNITS: M/M	SAFETY	SHEET 1 OF 1	
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE		DRAW Pair	
REVISIONS						08/08/05			