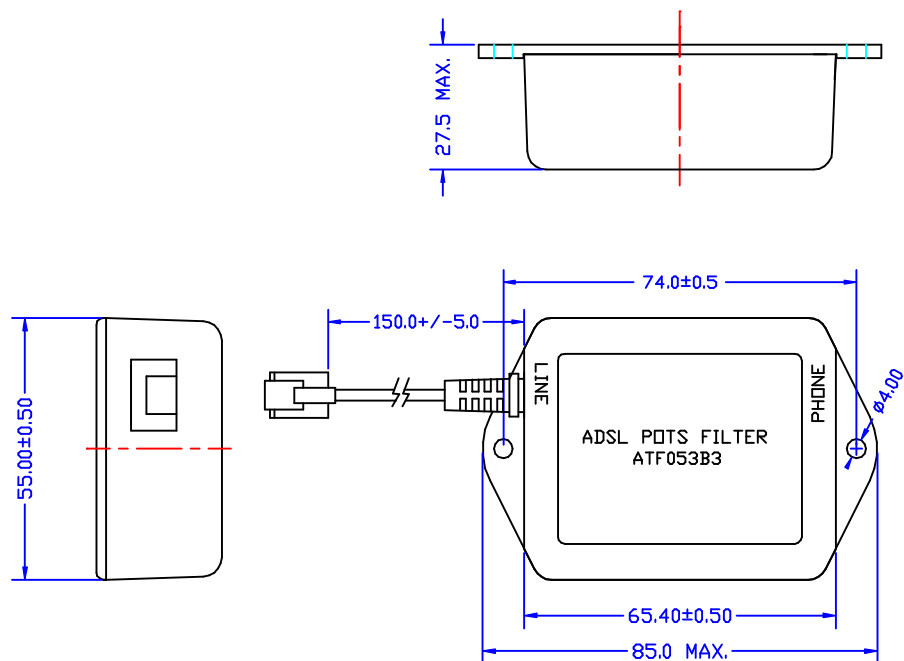
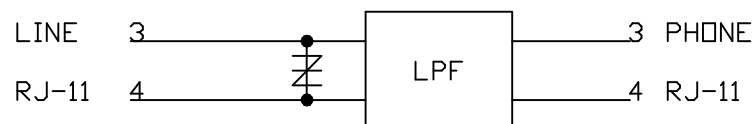


ELECTRICAL CHARACTERISTICS : (MEET TELKOM SP-2164 Issue 2.0)

1. FOR COMPLEX IMPEDANCE : $Z_R = 270 \text{ OHM} + (750 \text{ OHM} // 150\text{nF})$
 $Z_{SL} = 82 \text{ OHM} + (600 \text{ OHM} // 68\text{nF})$
2. DCR EACH LINE : 25 OHM MAX.
3. INSERTION LOSS (@1KHz , -4dBV , LOAD 600 OHM / Z_R) : 1dB MAX.
4. INSERTION LOSS DISTORTION (@200Hz-4KHz , LOAD 600 OHM / Z_R) : $\pm 1\text{dB}$
5. 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.
6. ATTENUATION : (@32KHz-100KHz , LOAD 600 OHM / Z_R) = 25dB MIN.
 (@100KHz-1.1MHz , LOAD 600 OHM / Z_R) = 45dB MIN.
7. ISOLATION (@200Vdc) : T-R = 25M OHM MIN.
8. LOOP CURRENT : 15mA - 125mA



						Atech® Atech Technology Co., Ltd. TEL:022794-6667 FAX:022794-8004	TITLE ADSL POTS FILTER (TELKOM)	
							DWG. NO.	ATF053B3
	RELEASE	03/01/2005	BART	SEN	SUEDY	UNITS: M/M	SAFETY	
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	SHEET OF	
REVISIONS						03/01/05	DRAW <i>Pair</i>	