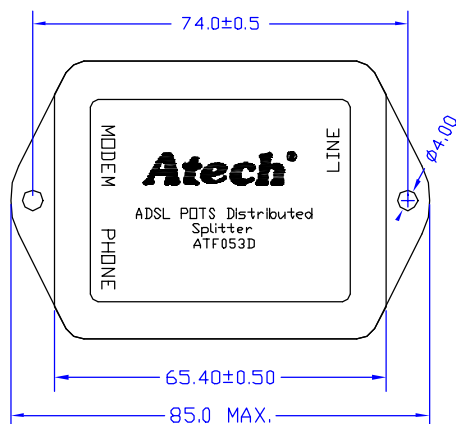
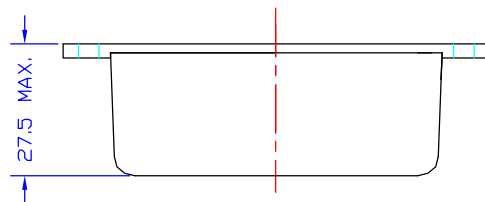
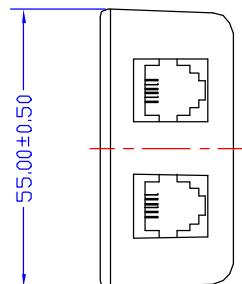


ELECTRICAL CHARACTERISTICS :

- FOR COMPLEX IMPEDANCE :
 $Z_R = 270 \Omega + (750 \Omega // 150nF)$
 $Z_{SL} = 82 \Omega + (600 \Omega // 68nF)$
 $Z_{RHF} = 120 \Omega + (150 \Omega // 47nF) + (750 \Omega // 150nF)$
- EQUIVALENT DCR : 100 Ω MAX. (20mA~80mA)
- INSERTION LOSS (@1KHz , 0.63Vrms , LOAD 600 Ω / Z_R) :
 20mA~80mA 1dB MAX.
- INSERTION LOSS DISTORTION (@200Hz~4KHz, LOAD 600 Ω /Z_R) : $\pm 1dB$
- RETURN LOSS : (20mA~80mA)
 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.
- ATTENUATION : (20mA~80mA)
 (@32KHz~1.1MHz , LOAD 600 Ω / Z_R) = 55dB MIN.
- LINE IMPEDANCE : 1K Ω MIN. (20mA~80mA)
 (@32KHz~1.1MHz , LOAD Z_{RHF})
- ISOLATION (@200VDC) : T-R = 25M Ω MIN.
- LOOP CURRENT : 20mA - 80mA

						Atech® Atech Technology Co., Ltd. TEL: 02-2794-6667 FAX: 02-2794-8004		TITLE ADSL POTS Distributed Splitter	
								DWG. NO. ATF053D	
	RELEASE	08/29/2005	BART	MICHAEL	SUEDY	UNITS: M/M		SAFETY	
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE 08/29/05			
REVISIONS						08/29/05		SHEET OF	
								DRAW <i>Pair</i>	