

ADSL

POTS Splitter LP Filter

L6083

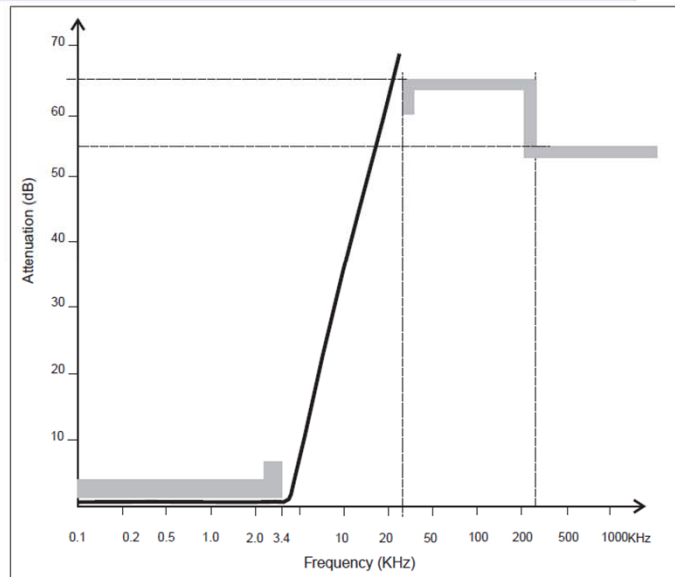
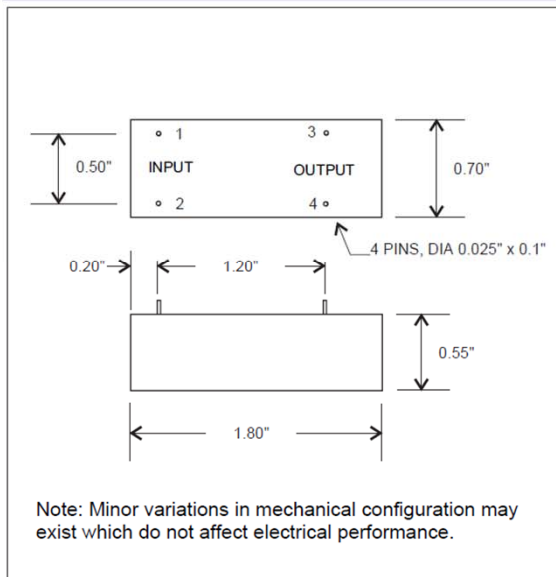
The L6083 is a Low Pass filter designed to be used as a POTS Splitter in the ADSL link.

L6083 meets the requirements of ANSI T1.413 and the T1/E1.4 8E14025R2 document.

Features:

- Small Size
- Low Cost.
- 100mA DC

MECHANICAL



ELECTRICAL

6083

Line Impedance,	600 ohms	voice band
	100 Ω	ADSL Band
DCR, Tip to Ring (Loop DCR)	19.5 Ω	nom.
Insertion Loss	< 0.3 dB	@ 1000Hz
Attenuation	300 - 3400 Hz < 1.0 dB	Test circuits as per T1/E1.4 8E14025R2
	30 - 300 KHz > 65 dB	
	300 - 1104 KHz > 55 dB	
Return loss	300 - 3400 Hz > 25 dB	
Group delay	300 - 3400 Hz < 30 us	
Longitudinal balance	300 - 3400 Hz > 60 dB	

