

**ADSL POTS LOW PASS FILTERS**  
**P/N: AD-3163C DATA SHEET**



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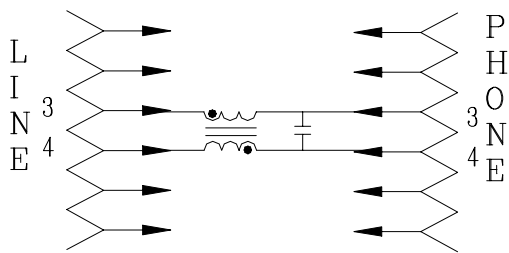
**Feature**

- Compact package, includes connectors for ease of installation.  
Design for G.lite Application.
- 100 mA DC Loop Current Capacity.
- Operating Temperature: -10°C to +60°C
- Storage Temperature: -25°C to +75°C.

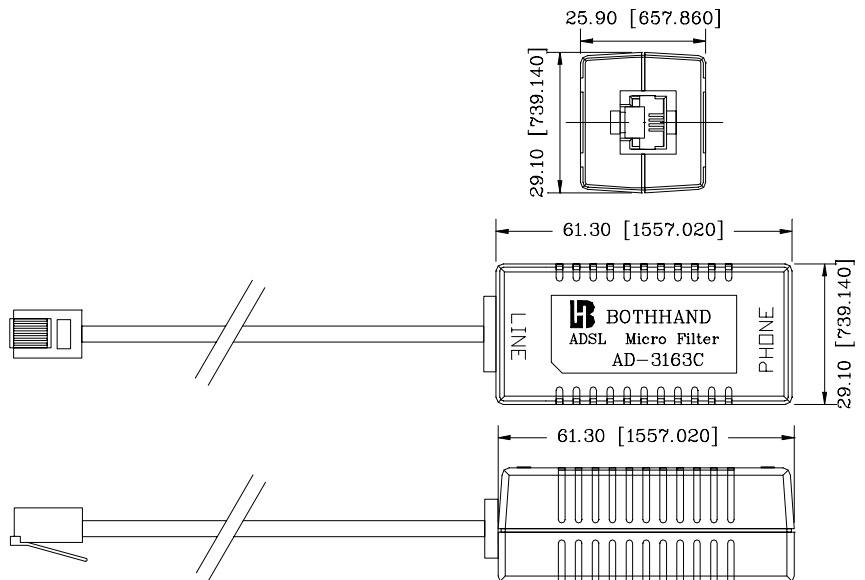
Electrical Specifications @ 25°C				
POTS Port Impedance	600Ω	Longitudinal Balance	@200Hz~3KHz	-53dB Min
Insertion Loss @1004Hz	-1dB Max	POTS Tip and Ring DC Voltage		0~105V
3dB Cutoff Frequency	10KHz Typ	DC Resistance each line		7.5Ω Max
Attenuation @25KHz	-25dB Min	Return Loss @ERL		-6dB Min
	@30KHz		@SRLH	-5dB Min
In Band Ripple	-1dB Max		@SRLH	-3dB Min

**Schematic**

**Mechanical**



Connector	Function	Style	Tip	Ring
J1	Line	RJ11 Plug	Pin3	Pin4
J2	Phone	RJ11 Jack	Pin3	Pin4



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]  
 0.xx±0.05[0.002]