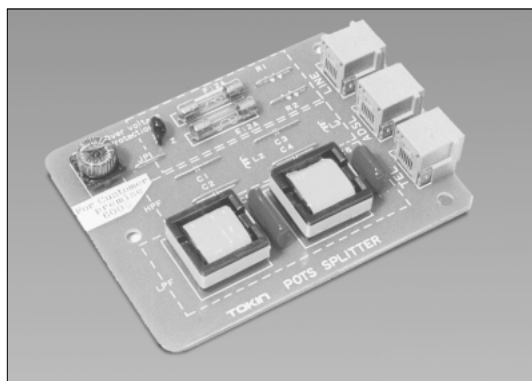
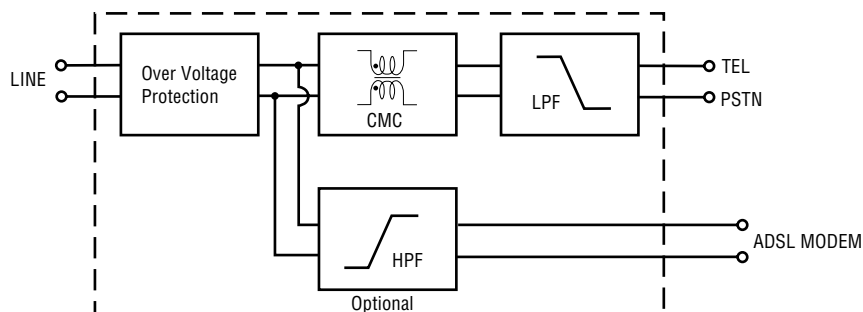


POTS Splitter



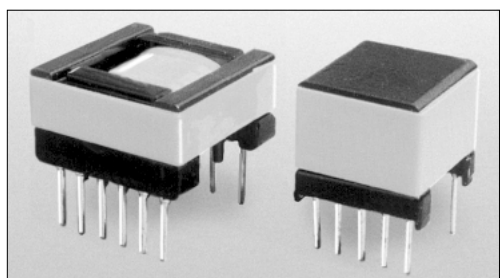
Block Diagram



Features

- Voice band low pass filter (6kHz cut off frequency)
- Optional ADSL signal band high pass filter (28kHz cut off frequency)
- Common mode choke coil
- Over voltage protection
- Suitable for either CAP or DMT applications
- 600 ohm impedance for residential applications
- 900 ohm impedance for institutional/PBX applications
- Designed to meet ANSI-TIE1.4 requirements
- Packaging: Supplied with plastic outer case for residential use
Card for splitter concentrator at central office
- Inductors are available for your on-board application

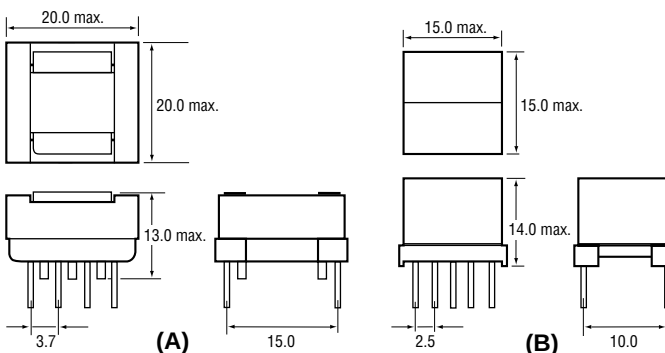
Line Transformers for ADSL Modems



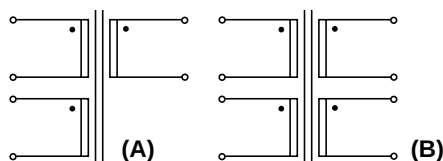
Features

- Variations available to match most major chip sets
- Meets IEC-950, 250V supplementary insulation requirements

Shape and Dimensions (mm)



Circuit Diagram



Specifications

Parameter	DSL13-1	DSL13-2	DSL13-3	DSL17-1	DSL17-2
Nominal Turns Ratio					
Primary : Secondary	1 : 1	2 : 1	1 : 1	1 : 1	1 : 0.714
Open Circuit Inductance					
Primary @ 0.5Vac 10kHz	5.0mH	3.0mH	34.0mH	0.42mH	0.50mH
DC Resistance					
Primary (maximum)	1.9Ω	3.0Ω	2.0Ω	1.2Ω	2.2Ω
Secondary (maximum)	2.3Ω	1.2Ω	2.7Ω	1.1Ω	1.3Ω
Leakage Inductance					
Primary (Tie Secondary)	8μH	16μH	24μH	7.5μH	8.5μH
Dielectric Rating (1 min)	1500 Vax 1 min.	1500 Vax 1 min.	1500 Vax 1 min.	1500 Vax 1 min.	1500 Vax 1 min.
Dimensions	(B)	(B)	(B)	(A)	(A)
Winding Structure	(B)	(A)	(A)	(B)	(B)