

# ADSL TRANSFORMER



- Design exceeds standards for ANSI and ETSI
- Excellent THD performance
- Maximum height: .500" (12,70 mm)
- Isolation voltage: up to 2000 Vrms
- Matched to Alcatel Microelectronics MTK-20131 ADSL Chipset
- UL1950 approved to supplementary insulation requirements

## Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

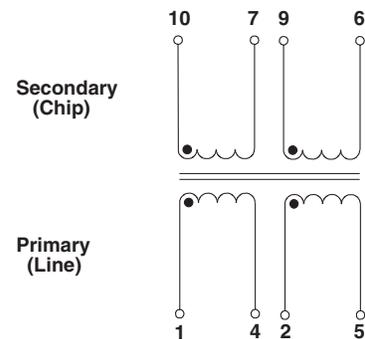
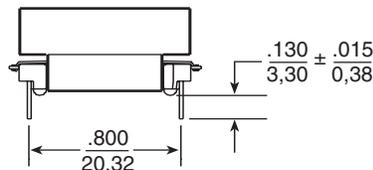
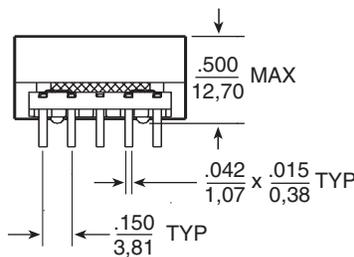
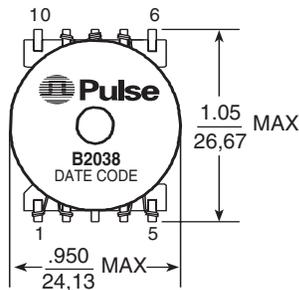
Part Number	Turns Ratio Chip-Line (±2%)	OCL Primary (1-5) w/2-4 shorted (μH ±5%)	Leakage Inductance (μH MAX)	Insertion Loss (MAX)	DC Resistance @ (1-4),(2-5) (Ω MAX)	DC Resistance @ (10-7),(9-6) (Ω MAX)	Isolation Voltage (Vrms)	THD (MAX)	Application	Mounting
<b>B2038</b>	1:1:1:1	440	15	3 dB @ 40 KHz-2 MHz	0.16	1.20	2000	-70 dB @ 40 KHz	CPE	THT

NOTE: CPE (Customer Premise Equipment)

## Mechanical

## Schematic

### B2038



Weight ..... 14.0 grams  
Tray ..... .45/tray

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified,  
all tolerances are  $\pm \frac{.010}{0,25}$

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**B930.A (10/03)**

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