

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

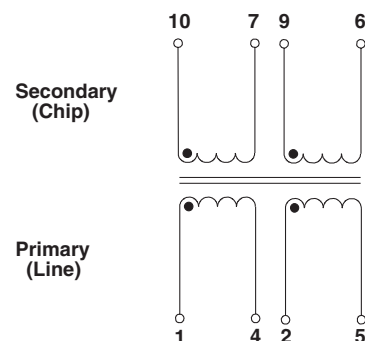
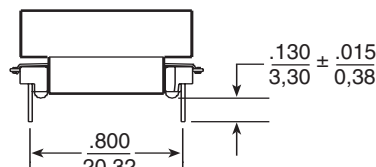
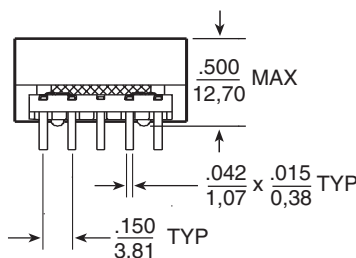
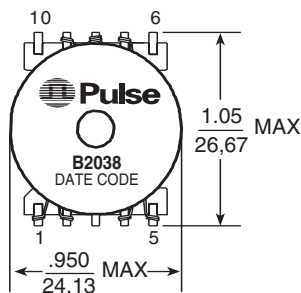
Part Number	Turns Ratio Chip-Line (±2%)	OCL Primary (1-5) w/2-4 shorted (μH ±5%)	Leakage Inductance (μH MAX)	Insertion Loss (MAX)	DC Resistance @ (1-4),(2-5) (Ω MAX)	DC Resistance @ (10-7),(9-6) (Ω MAX)	Isolation Voltage (Vrms)	THD (MAX)	Application	Mounting
B2038	1:1:1:1	440	15	3 dB @ 40 KHz-2 MHz	0.16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

NOTE: CPE (Customer Premise Equipment)

Mechanical

Schematic

B2038



Weight14.0 grams
Tray45/tray

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

For more Information :

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 6287 8998
FAX: 65 6280 0080

TAIWAN, R.O.C. (Northern Asia)

3F-4, No. 81, Sec. 1
HsinTai Wu Road
Hsi-Chih, Taipei Hsien
Taiwan, R.O.C.
Tel: 886 2 2698 0228
FAX: 886 2 2698 0948

HONG KONG (China/Hong Kong)

9/F, Phase 2, Tai Sang
Shatin Warehouse Centre
6 Wong Chuk Yeung Street
Fotan, Shatin, Hong Kong
TEL: 852 2788 6588
FAX: 852 2776 1055

DISTRIBUTOR

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

B2038