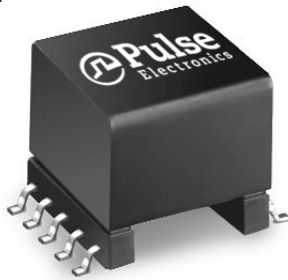


VDSL Transformers

For Use With Metalink Chipsets



- ☑ Matched to Metalink MTV9141 (**B4064**) and MTV9142 (**BX4081W**) “Livia” VDSL chipsets
- ☑ Excellent return loss
- ☑ Designed to comply with IEC950 supplementary insulation for 250Vrms working voltage

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

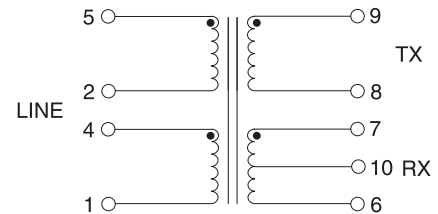
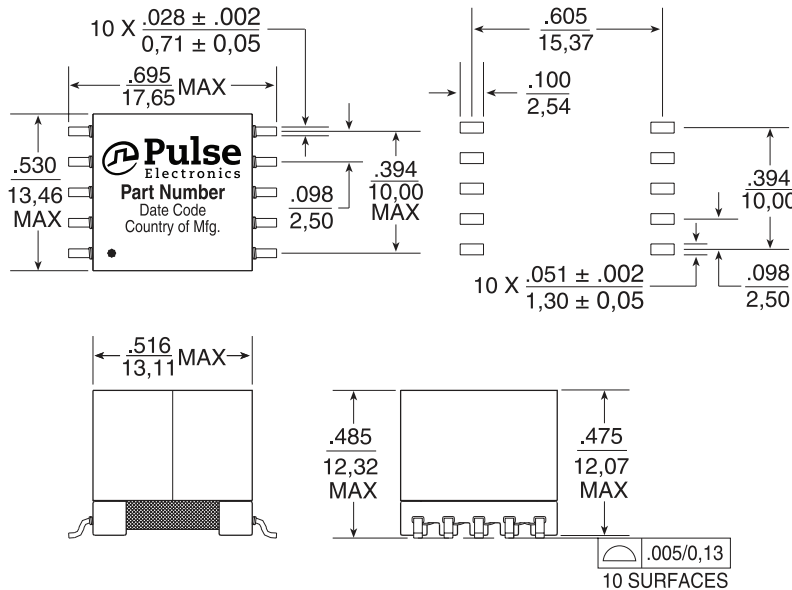
| RoHS-5 Compliant Part No. | RoHS-6 Compliant Part No. | Turns Ratio | | OCL Line @ 25°C (mH MIN) | Leakage Inductance (Line:TX) (µH MAX) | Interwinding Capacitance (Line:TX) (pF MAX) | Isolation Voltage (Vrms) | DCR (Ω MAX) | | | Return Loss (120kHz-12MHz) (dB MIN) |
|---------------------------|---------------------------|-------------|----------|--------------------------|---------------------------------------|---|--------------------------|-------------|----------|----------|-------------------------------------|
| | | TX: Line | RX: Line | | | | | Line (1-5) | Tx (8-9) | Rx (6-7) | |
| B4064 | B4064NL | 1:3.6 | 2:3.6 | 1.134 | 1.2 | 15 | 1500 | 1.00 | 0.80 | 0.40 | 12 |
| BX4081W | - | 1:3.0 | 2:3.6 | 0.280 | 1.5 | 15 | 1500 | 0.30 | 0.20 | 0.35 | 10 |

Notes: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix “T” to the part number (i.e. B4064T and B4064NLT).

Mechanical

Schematic

B4064 / B4064NL / BX4081W



Weight6.2 grams
Tape & Reel150/reel
Tray60/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

For More Information

Pulse Worldwide Headquarters

12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.

Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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. © Copyright, 2012. Pulse Electronics, Inc. All rights reserved.