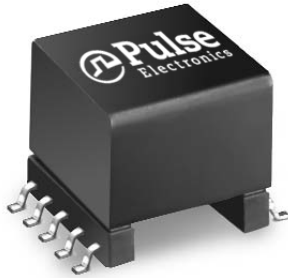


# VDSL Transformers

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

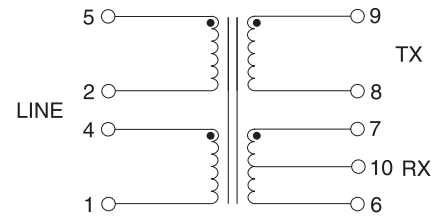
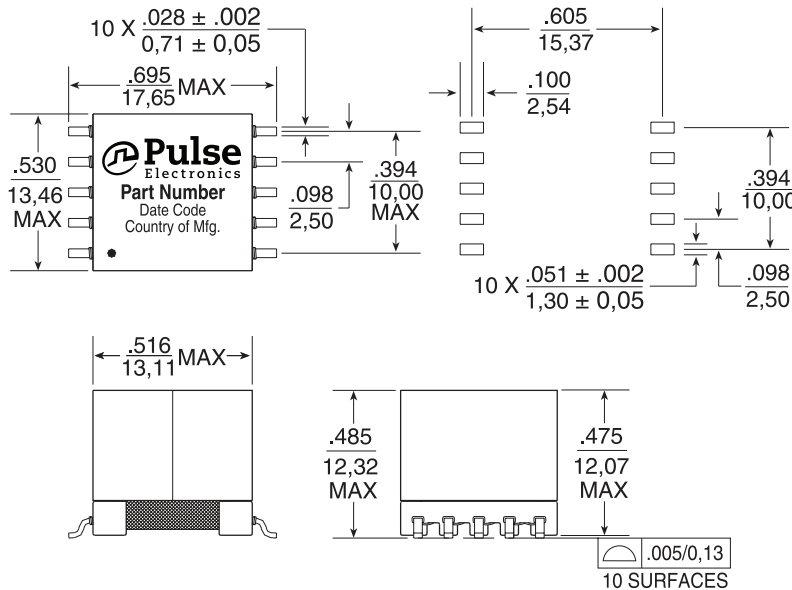
RoHS-5 Compliant Part No.	RoHS-6 Compliant Part No.	Turns Ratio		OCL Line @ 25°C (mH MIN)	Leakage Inductance (Line:TX) (µH MAX)	Interwinding Capacitance (Line:TX) (pF MAX)	Isolation Voltage (Vrms)	DCR (Ω MAX)			Return Loss (120kHz-12MHz) (dB MIN)
		TX: Line	RX: Line					Line (1-5)	Tx (8-9)	Rx (6-7)	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



**Weight** .....6.2 grams  
**Tape & Reel** .....150/reel  
**Tray** .....60/tray

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

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

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