







# VDSL/VDSL2 Transformer

EP Platform SMD



-  VDSL/VDSL2 Transformer
-  Compatible with Broadcom BCM6511/26 Class A/B Line Driver
-  EN60950 Functional Isolation Compliant - 250Vrms
-  Designed to meet ITU K.20 enhanced level testing requirements
-  RoHS-6 Compliant SMD Product
-  Available on Tape and Reel

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

Part Number	OCL Line (1-4) with (2-3) shorted 10kHz, 100mVrms (uH±10%)	Turns Ratio (1-4): (8-5) with (2-3, 6-7) shorted 100kHz, 100mVrms ±2%	Leakage Inductance (1-4) with others shorted 100kHz, 100mVrms (uH, Max)	Cww Line to Chip 100kHz, 100mVrms (pF Max)	THD @ 30kHz 3.0Vrms (dB Min)	
BX4246LNL	430	1.11:1	0.8	40	-62.0	
* BX4246LNLT	DCR (1-4) with (2-3) shorted (OHMS Max)	DCR (8-5) with (6-7) shorted (OHMS Max)	LB 12MHz (dB Max)	LB 17MHz (dB Max)	LB 30MHz (dB, Max)	Isolation Voltage Pri:Sec (Vac, 60Sec)
	0.9	0.8	-44	-42	-30	1500

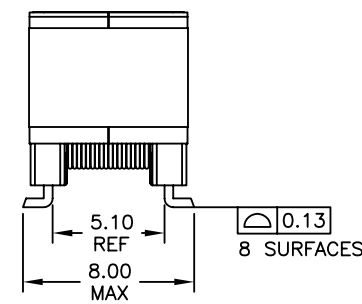
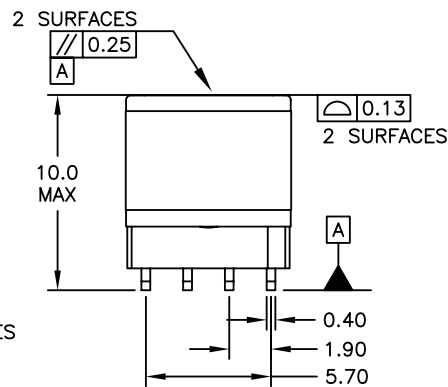
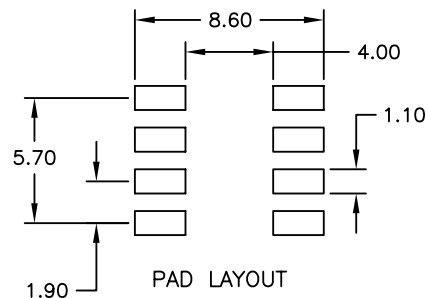
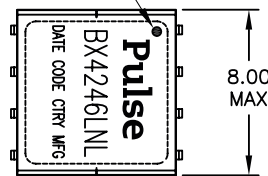
### Notes:

\* Use this part number to order product to be shipped on Tape & Reel

## Mechanical

**BX4246LNL, BX4246LNLT**

PIN 1 IDENTIFICATION

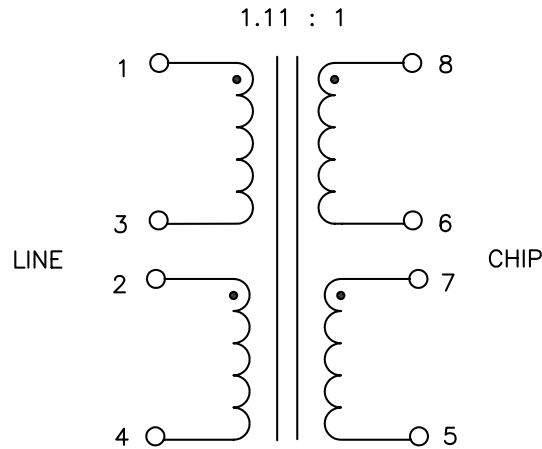


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## Schematic

BX4246LNL, BX4246LNL1



Weight .....1.5 grams

Tape & Reel .....300/reel

Tray .....100/tray

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

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

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