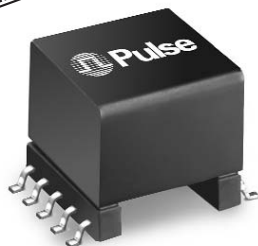


# ADSL LINE TRANSFORMER

## For Use with STMicro's Dynamite Chipset



- Matched to STMicro's Dynamite MTK-20140, MTK-20150, MTK-20450, MTB-20170, MTC20174 and MTC20166 CO/CPE chipsets.
- Designed to meet IEC950 supplementary insulation requirements for working voltages up to 250Vrms
- Industry standard surface mount footprint

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

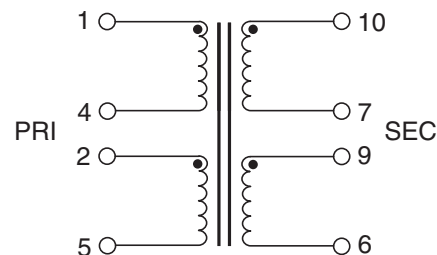
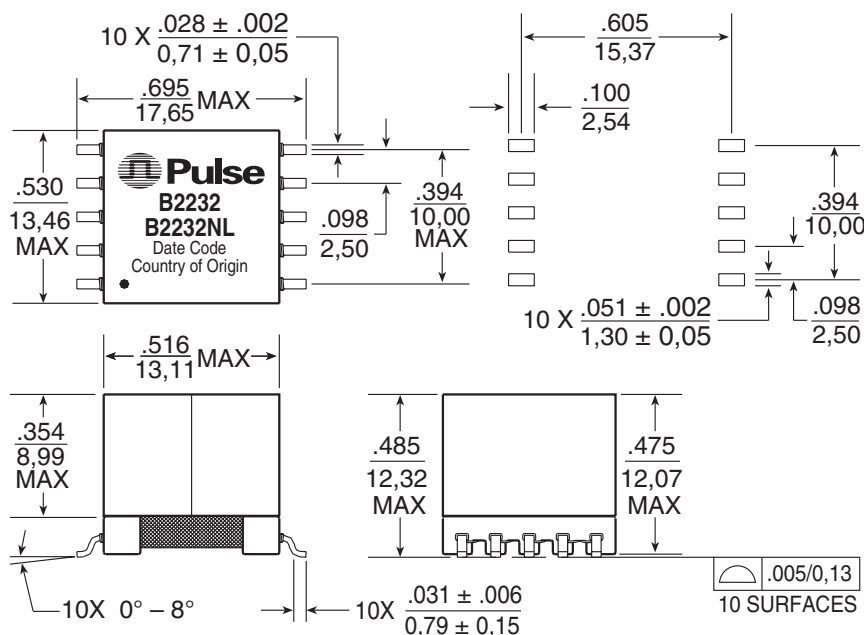
RoHS-5 Compliant Part No.	RoHS-6 Compliant Part No.	Turns Ratio Ratio (Line:Chip)	OCL Primary (µH ±6%)	Leakage Inductance (µH MAX)	DCR Primary (1-4 & 2-5) (Ω MAX)	DCR Secondary (10-7 & 9-6) (Ω MAX)	Isolation Voltage (Vrms)	THD @ 30kHz, 1.58 Vp-p (dB MIN)
B2232	B2232NL	2 : 1	409.5	6.5	0.66	0.20	1500	-78

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: B2232T and B2232NLT).

### Mechanical

### Schematic

#### B2232 / B2232NL



Weight . . . . .6.2 grams  
 Tape and Reel . . . . .150/reel  
 Tray . . . . .60/tray  
 Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{.25}$

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B820.C (6/06)

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