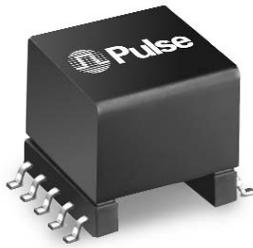


# ADSL LINE TRANSFORMER

## For Use with STMicro's Dynamite Chipset



- Matched to STMicro's Dynamite MTK-20140, MTK-20150, MTK-20450, MTC-20160 and MTC-20170 CO/CPE chipsets
- Designed to meet IEC950 supplementary insulation requirements for working voltages up to 250 Vrms
- Industry standard surface mount footprint

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

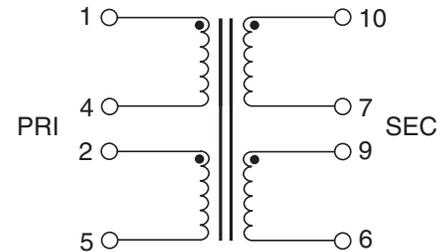
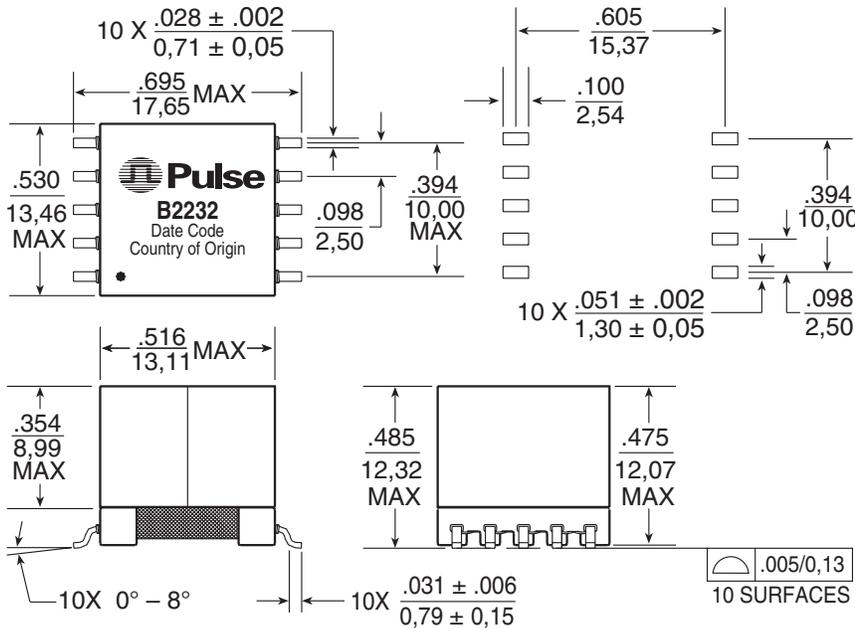
Part Number	Turns Ratio (Line:Chip)	OCL Primary ( $\mu\text{H} \pm 6\%$ )	Leakage Inductance ( $\mu\text{H} \text{ MAX}$ )	DCR Primary (1-4 & 2-5) ( $\Omega \text{ MAX}$ )	DCR Secondary (10-7 & 9-6) ( $\Omega \text{ MAX}$ )	Isolation Voltage (Vrms)	THD @ 30kHz, 1.58 Vp-p (dB MIN)
B2232	2 : 1	409.5	6.5	0.6	0.2	1500	-78

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

### Mechanical

### Schematic

#### B2232



Weight .....6.2 grams  
 Tape and Reel .....150/reel  
 Tray .....60/tray  
 Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0,25}$

### For More Information :

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