

ADSL LINE TRANSFORMER

For Globespan CO Chipsets



- Matched to Globespan G24 ADSL+ Chipset with Elantec Line Drivers
- Designed to comply with EN60950 basic insulation requirements for working voltages up to 250 Vrms
- Compact SMD footprint

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

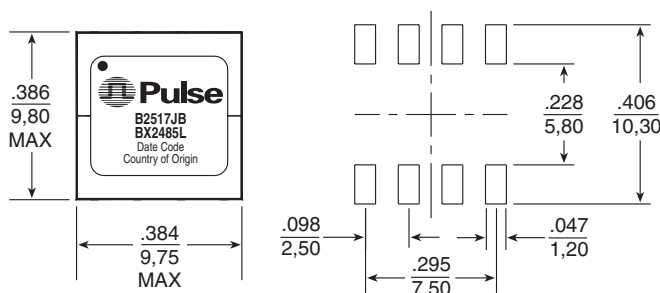
Part Number	Turns Ratio Ratio (Line:Chip)	OCL Primary ($\mu\text{H} \pm 7\%$)	Leakage Inductance ($\mu\text{H} \text{ MAX}$)	Interwinding Capacitance (pF MAX)	Isolation Voltage (Vrms)	THD @ 25kHz, 5Vrms (dB MIN)
B2517JB	0.95 : 1	750	7.5 - 10.5	20	1500	-80
BX2485L	0.90 : 1	1000	7.0 - 10.5	15	1500	-78

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. B2517JBT).

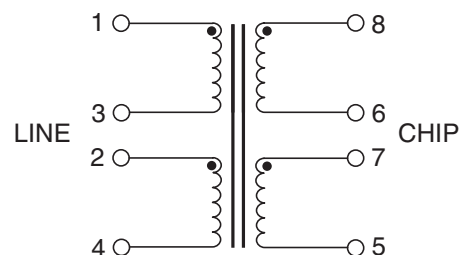
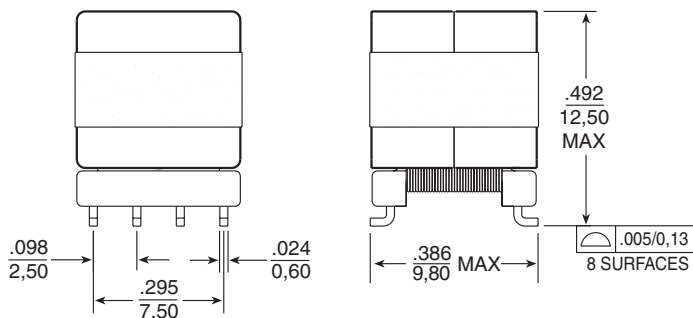
Mechanical

Schematic

B2517JB/BX2485L



SUGGESTED PAD LAYOUT



Weight3.2 grams
Tape & Reel175/reel
Tray90/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

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