




ADSL Line Transformer

For Analog Devices Chipset



-  Matched to Analog Devices Eagle II CPE chipset for ADSL Annex A
-  Designed to comply with EN60950 supplementary insulation requirements for working voltages up to 250 Vrms
-  Compact footprint for high density board layout

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

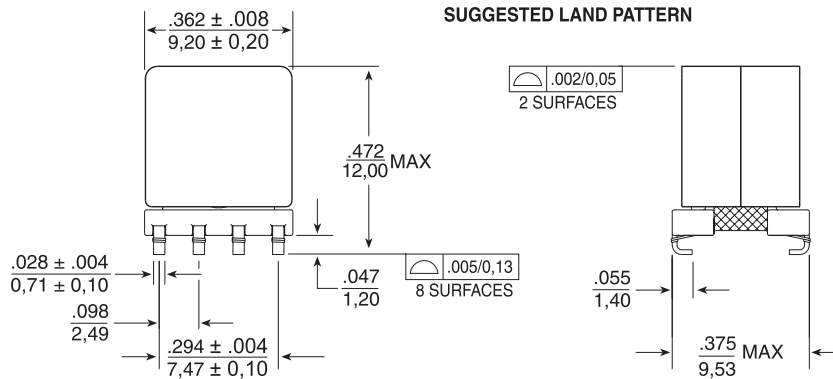
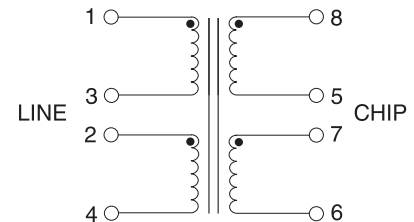
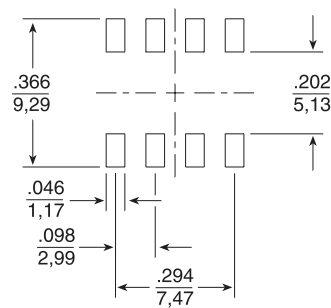
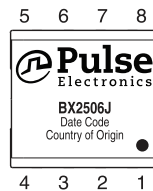
Part Number	ADI Spec Number	Turns Ratio Ratio (Line:Chip)	OCV Primary (mH ±10%)	Leakage Inductance (µH MAX)	Isolation Voltage (Vrms)	DCR Primary (1-4 w/2-3 s/c) (Ω MAX)	DCR Secondary (8-6 (with 2-3s/c)) (Ω MAX)	THD @ 40kHz 2Vrms (dB MIN)
BX2506J	D6762-05	2.29 : 1	1.2	6.0	1500	3.0	1.0	-80

Notes: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (BX2506JT)

Mechanical

Schematic

BX2506J



Weight3.8 grams
Tape & Reel175/reel
Tray105/tray
Dimensions: $\frac{\text{Inches}}{\text{mm}}$

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

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