



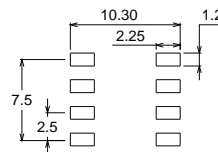
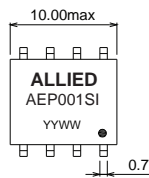
# ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

- Matched to Broadcom BCM6410 & BCM6420 Chipsets
- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

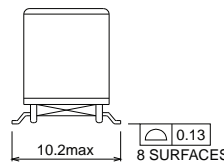
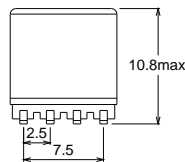
Electrical Specifications @25°C									
Part Number	Turns Ratio (10KHz,0.1V)	OCL (10KHz,0.1V)	LL (100KHz,0.1V)	C <sub>ww</sub> (100KHz,0.1V)	DCR		THD (30KHz,3.16Vrms)	LB (2.2MHz)	Hi-Pot VAC (0.5mA/60s)
AEP001SI	1-4:8-6 (short 2-3,5-7)	1-4 (short 2-3)	1-4 (short 2-3, 5-6-7-8)	1-8 (short 2-3,5-7)	1-4 (short 2-3)	8-6 (short 5-7)			
	1.2:1 ±2%	430uH ±6%	4uH max	35pF max	1.3Ω max	1.0Ω max	-78dB max	55dB min	1500

All specifications subject to change without notice.

## MECHANICAL



SUGGESTED PAD LAYOUT



Units:mm

Unless otherwise specified all tolerances are: ±0.25 in mm

## SCHEMATICS

