



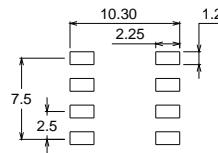
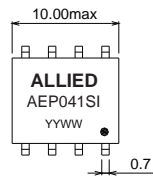
# ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

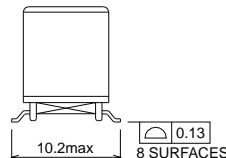
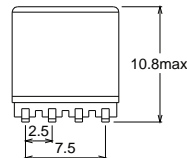
Electrical Specifications @25°C					
Part Number	Turns Ratio (10KHz,0.1V)		OCL (10KHz,0.1V with 0.03A DC)	LL (100KHz,0.1V)	C <sub>ww</sub> (100KHz,0.1V)
AEP041SI	1-4:8-5 (short 2-3,6-7)	1-4:-5 (short 2-3)	1-4 (short 2-3)	1-4 (short 2-3, 5-6-7-8)	1-8 (short 2-3,6-7)
	1:0.769±2%	1:0.385±2%	1.444mH±10%	10uH max	70pF max
	Continue				
	DCR			THD	Hi-Pot VAC
	1-4 (short 2-3)	8-5 (short 6-7)		30KHz,2Vrms	(1mA/60s)
2.05Ω ± 10%		1.35Ω ± 10%		-80dB max	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

