



# ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

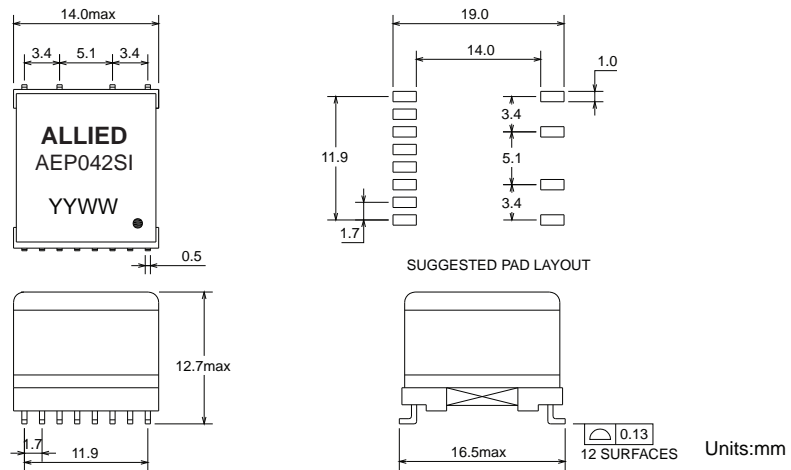
- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

## Electrical Specifications @25°C

Part Number	Turns Ratio (10KHz,0.1V)		OCL (10KHz,0.1V)	Cww (100KHz,0.1V)			
	AEP042SI	16-9:1-4 (short 11-14,2-3)	16-9:5-8 (short 11-14,6-7)	16-9 (short 11-14)	1-16 (short 2-3,11-14)	5-16 (short 6-7,11-14)	1-8 (short 2-3,6-7)
1:1 ±2%		4.28:1 ±2%	400uH ± 10%	37.5pF ± 12pF	14.5pF ± 4pF	22pF ± 7pF	
Continue							
DCR			LL (100KHz,0.1V)		THD (30KHz,2Vrms)	LB (35KHz~650KHz)	
16-9 (short 11-14)		1-4 (short 2-3)	5-8 (short 6-7)	16-9 (short 11-14,1-2-3-4)	16-9 (short 11-14,5-6-7-8)		Hi-Pot VAC (1mA/2s)
1.1Ω ± 15%	1.1Ω ± 15%	0.57Ω ± 15%	3.5uH ± 1uH	10uH ± 3uH	-80dB max	55dB min	
						1875	

All specifications subject to change without notice.

## MECHANICAL



Unless otherwise specified all tolerances are: ±0.25 in mm

## SCHEMATICS

