



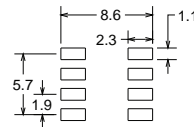
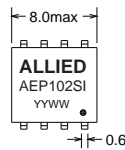
# VDSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

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

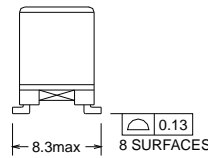
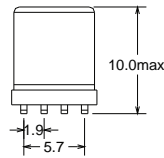
Electrical Specifications @25°C									
Part Number	Turns Ratio (10KHz,0.1V)	OCL (10KHz,0.1V)	LL (100KHz,0.1V)	C <sub>ww</sub> (100KHz,0.1V)	DCR		THD	LB	Hi-Pot VAC (1mA/60s)
AEP102SI	1-4:8-6 (short 2-3,5-7)	1-4 (short 2-3)	1-4 (short 2-3, 5-6-7-8)	1-8 (short 2-3,5-7)	1-4 (short 2-3)	8-6 (short 5-7)	(80KHz,3Vrms)	(2.2MHz)	
	1:1 ±2%	100uH ±6%	2uH max	30pF max	1.2Ω max	1.2Ω max	-80dB 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

