



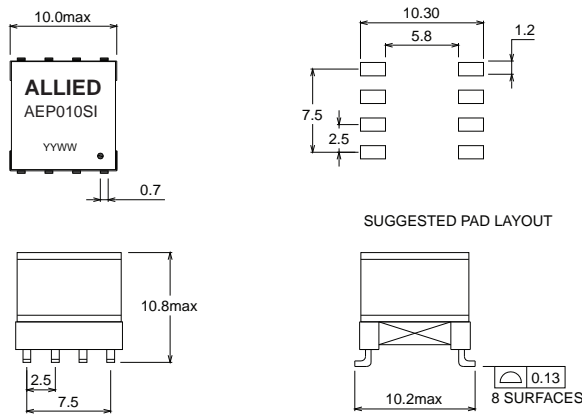
VDSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

- 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)		Cww (100KHz,0.1V)
AEP010SI	1-4:8-6 (short 2-3,5-7)		1-4 (short 2-3)		8-6 (short 1-2-3-4, 5-7)		1-8 (short 2-3,5-7)
	2:1 ±2%		420uH ±10%		1.0uH max		25pF max
	Continue						
	DCR		LB			THD	Hi-Pot VAC (1mA/60s)
	1-4(short 2-3)	8-6(short 5-7)	12MHz	17MHz	30MHz	30KHz,2.7Vrms	
0.9Ω max	0.5Ω max	-44 dB min	-42 dB min	-30 dB min	-74dB max	1500	

All specifications subject to change without notice.

MECHANICAL



Units:mm
Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

