



VDSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

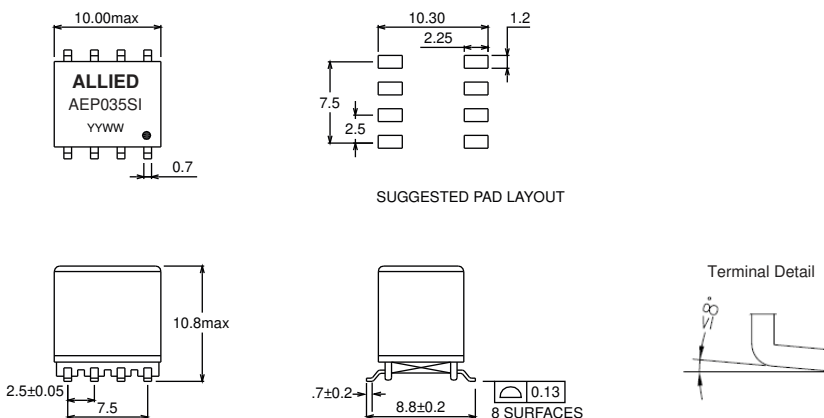
- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

Electrical Specifications @25°C

Part Number	Turns Ratio @10KHz,0.1V	Inductance @10KHz,0.1V	Leakage Inductance @100KHz,0.1V	C _{ww} @100KHz,0.1V	DCR @10KHz,0.1V		THD @100KHz,1.7V Across(1-4) 100 Ohm Input, 6.25 Ohm load @ (5-8),(2-3,6-7 short)	Hi-Pot (1 Sec / 1mA) (1-8) (Short 2-3,6-7)
					1-4 (short 2-3)	8-5 (short 6-7)		
AEP035SI	1-4:8-5 (short 2-3,6-7)	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)	8-5 (short 6-7)	-78dB max	1875VAC/60Hz
	4:1 ± 2%	109uH ± 10%	2.0uH max	70pF max	325mΩ ± 15%	35mΩ ± 25%		

All specifications subject to change without notice.

MECHANICAL



Units:mm

Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

