



# ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

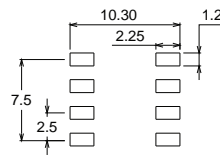
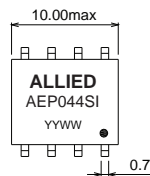
- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

## Electrical Specifications @25°C

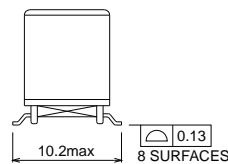
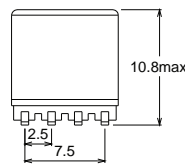
| Part Number | Turns Ratio<br>(10KHz,0.1V) | OCL<br>(10KHz,0.1V) | LL<br>(100KHz,0.1V)         | C <sub>ww</sub><br>(100KHz,0.1V) | DCR                |                    | THD<br>10KHz,1.7Vrms | Hi-Pot<br>VAC<br>(0.5mA/1s) |
|-------------|-----------------------------|---------------------|-----------------------------|----------------------------------|--------------------|--------------------|----------------------|-----------------------------|
|             |                             |                     |                             |                                  | 1-4<br>(short 2-3) | 8-5<br>(short 6-7) |                      |                             |
| AEP044SI    | 1-4:8-6<br>(short 2-3,5-7)  | 1-4<br>(short 2-3)  | 1-4<br>(short 2-3, 5-6-7-8) | 1-8<br>(short 2-3,6-7)           | 1-4<br>(short 2-3) | 8-5<br>(short 6-7) | -78dB max            | 2600                        |
|             | 2:1 ± 2%                    | 800uH ± 10%         | 2.5uH max                   | 50pF max                         | 3Ω max             | 2Ω max             |                      |                             |

All specifications subject to change without notice.

## MECHANICAL



SUGGESTED PAD LAYOUT



Units:mm

Unless otherwise specified all tolerances are: ±0.25 in mm

## SCHEMATICS

