



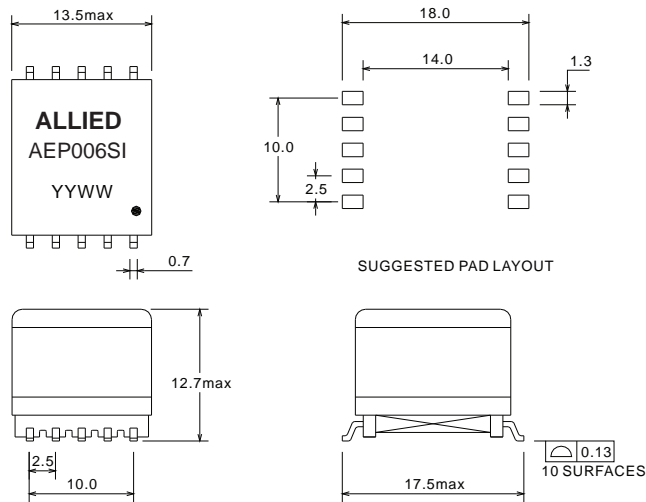
# ADSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

- 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) |           | LL (100KHz,0.1V)         | C <sub>ww</sub> (100KHz,0.1V) |                     |  |
| AEP006SI                        | 1-5:10-6(short 2-4,9-7)  |           | 1-5(short 2-4)   |           | 1-5( short 2-4,6-7-9-10) | 1-10( short 2-4, 9-7)         |                     |  |
|                                 | 2:1±2%                   |           | 409.5uH±10%      |           | 8uH max                  | 30pF max                      |                     |  |
|                                 | Continue                 |           |                  |           |                          |                               |                     |  |
|                                 | DCR                      |           |                  |           | THD                      | LB                            | Hi-Pot VAC (1mA/2S) |  |
|                                 | 1-4                      | 2-5       | 10-7             | 9-6       | 30KHz,4.5V               | 30KHz-650KHz                  |                     |  |
| 0.6Ω max                        | 0.6Ω max                 | 0.36Ω max | 0.36Ω max        | -80dB max | 50dB min                 | 1875                          |                     |  |

All specifications subject to change without notice.

## MECHANICAL



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

## SCHEMATICS

