



VDSL LINE TRANSFORMER SURFACE MOUNT MAGNETICS

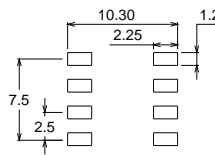
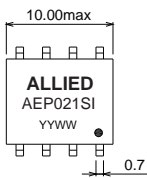
- EN60950 Basic Insulation compliant 250Vrms
- SMD compact foot print design
- Industrial operating temp: -40°C to +85°C

Electrical Specifications @25°C

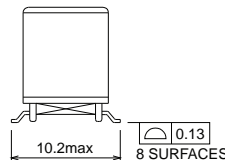
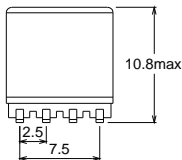
| Part Number | Turns Ratio (30KHz,1V) | OCL (10KHz,0.1V) | LL (100KHz,0.1V) | DCR | | THD | LB | Hi-Pot VAC (1mA/60s) |
|-------------|-------------------------|------------------|--------------------------|-----------------|-----------------|-------------|---------------|----------------------|
| | | | | 1-4 (short 2-3) | 8-5 (short 6-7) | | | |
| AEP021SI | 1-4:8-5 (short 2-3,6-7) | 1-4 (short 2-3) | 1-4 (short 2-3, 5-6-7-8) | 1-4 (short 2-3) | 8-5 (short 6-7) | 50KHz,5Vrms | 20kKHz~1.1MHz | |
| | 1:0.75±2% | 470uH±10% | 1.0uH max | 1.45Ω ±20% | 1.1Ω ±15% | -65dB max | 45dB 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

