



HIGH FREQUENCY WIRE WOUND TRANSFORMER

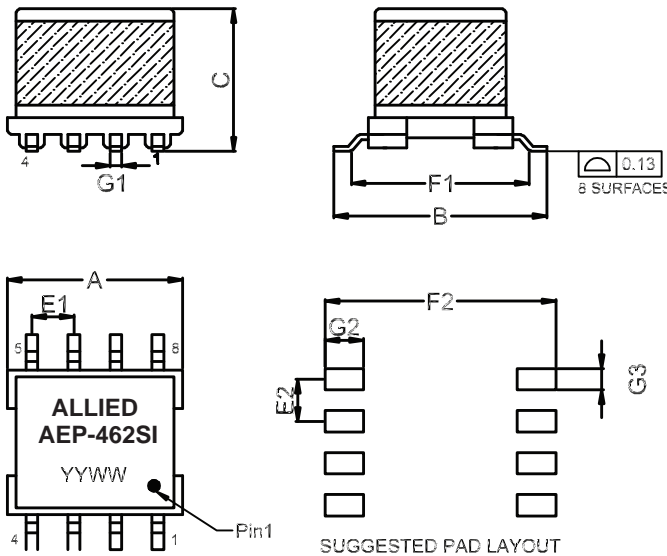
- IEC60950 Compatible
- Surface Mount Device Providing Compact Footprint
- Operating temperature: -40°C to +85°C



| Electrical Specifications @25°C | | | | | | | |
|---------------------------------|---------------------------|-------------------|----------------------------------|------------|------------|-----------------------|--------------------------|
| Part Number | Turns Ratio (100kHz,0.1V) | OCL (100kHz,0.1V) | Leakage Inductance (100kHz,0.1V) | DCR @20°C | | | Hi-Pot (3mA/1S) |
| | (3-4):(5,6-7,8):(2-1) | 3-4 | 3-4 (1+2,5+6+7+8 shorted) | 3-4 | 2-1 | 5-7 (5+6,7+8 shorted) | Pri to Sec Aux to Sec |
| AEP-462SI | 3:1±3% | 30uH±10% | 1.0uH max | 0.06Ω ±15% | 0.105Ω±15% | 12.5mΩ ±15% | 1875VAC |

All specifications subject to change without notice.

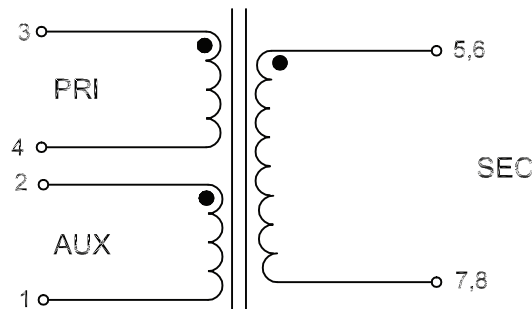
MECHANICAL



| DIM | MILLIMETERS (Units:mm) |
|-----|------------------------|
| A | 11.0MAX |
| B | 13.35MAX |
| C | 9.2MAX |
| E1 | 2.5±0.3 |
| F1 | 10.6TYP |
| G1 | 0.7±0.15 |
| E2 | 2.5TYP |
| F2 | 13.74TYP |
| G2 | 2.30TYP |
| G3 | 1.27TYP |

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

SCHEMATICS



★ START POINT