

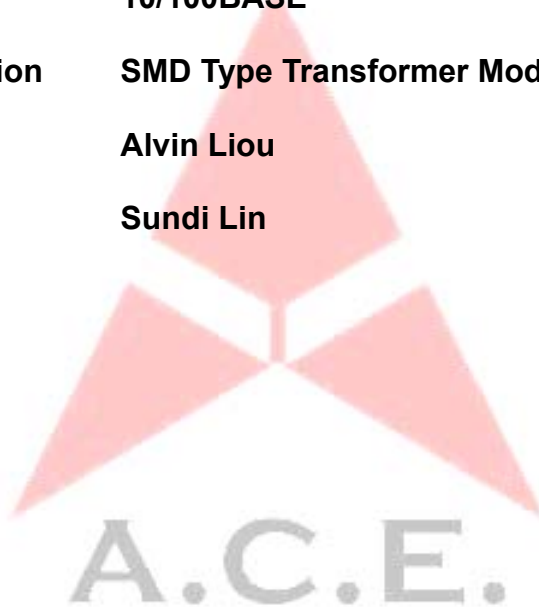


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ArchiCore Electronics CO., LTD



Product Specification

Product name	HL1P2006
Product Type	10/100BASE
System Application	SMD Type Transformer Module
Author	Alvin Liou
Approved By	Sundi Lin



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Feature:

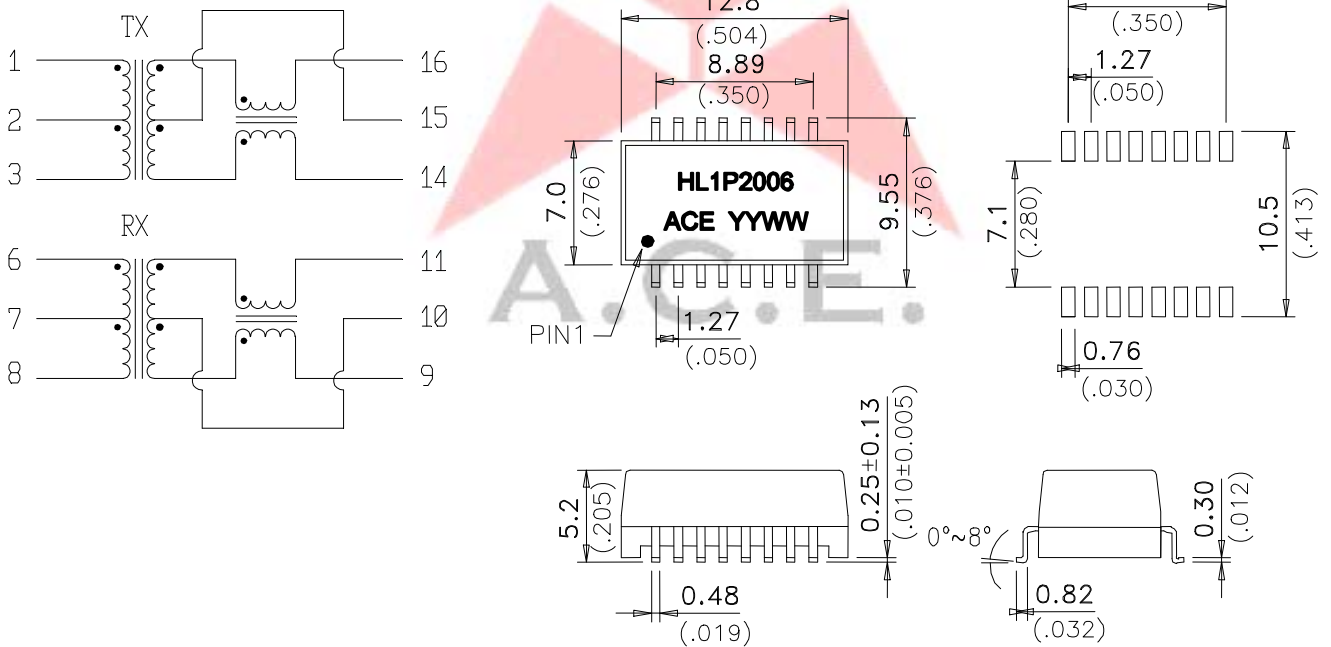
Design to meet IEEE 802.3af requirement.

Specifications :@ 25°C, operating temperature 0°C -70°C

- | | | |
|-------------------------|---------------|------------|
| 1. Turn Ratio | 1CT :1CT ± 5% | |
| 2. Inductance(with 8mA) | 350uH Min. | |
| 3. Insertion Loss | -1.0 dB Max. | @1-100MHz |
| 4. Return loss | -16 dB Min. | @1-30MHz |
| | -13.5 dB Min. | @40MHz |
| | -11.5 dB Min. | @50MHz |
| | -10 dB Min. | @60-80MHz |
| 5. Cross talk | -40 dB Min. | @1-60MHz |
| | -38 dB Min. | @60-100MHz |
| 6. Voltage isolation | 1500 vrms | |

Schematic:

Dimension: ±0.25mm



NOTE: YYWW-Date code



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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Alvin	Sundi	New release	2011/1/21
1	Alvin	Sundi	add width of body	2011/1/27

