



A.C.E. 泰華達股份有限公司
ArchiCore Electronics CO., LTD



Product Specification

Product name	GL4P1008
Product Type	72 pins Magnetic Module
System Application	100/1000Base Quad Port
Author	Timmy Wu
Approved By	Sundi Lin

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Archicore Electronics CO., LTD

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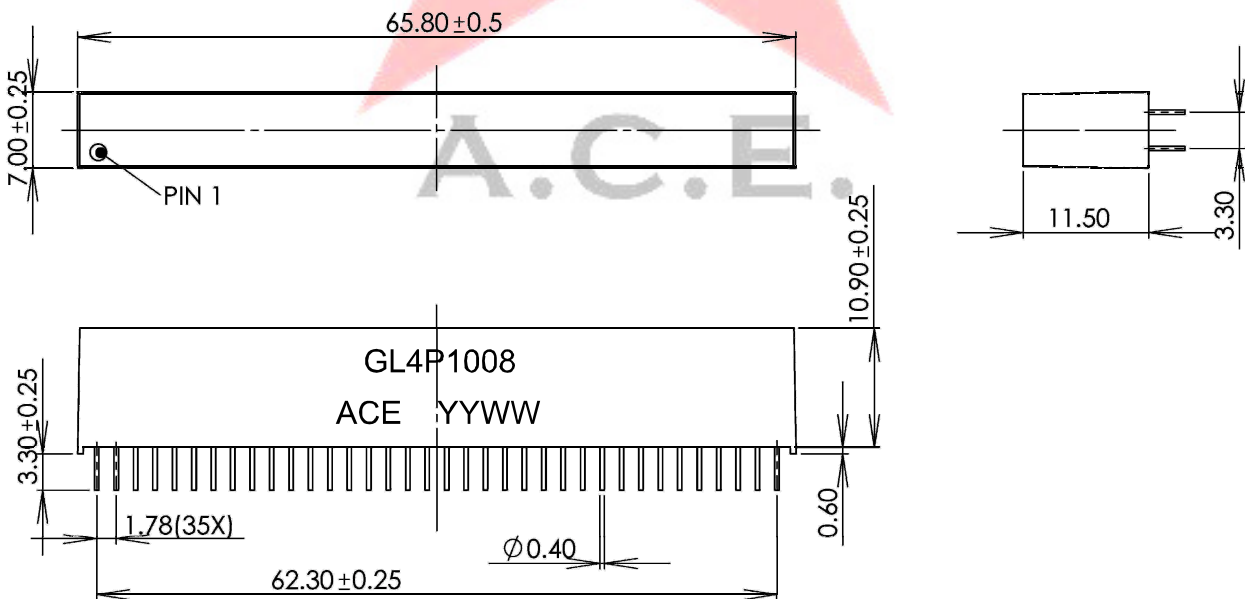
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Specifications :@ 25⁰C, operating temperature 0⁰C -70⁰C

- | | | |
|-------------------------|---------------|---------------|
| 1. Turn Ratio | 1CT :1CT ± 5% | TX , RX |
| 2. Inductance(with 8mA) | 350uH Min. | @100KHz,100mV |
| 3. DCR | 1.2ohm Max. | |
| 4. Interwinding Cap. | 130pF Max. | |
| 5. Insertion Loss | -1.0 dB Max. | @1-100MHz |
| 6. Return loss | -18 dB Min. | @1-30MHz |
| | -14.4 dB Min. | @40MHz |
| | -13.1 dB Min. | @50MHz |
| | -12 dB Min. | @60-80MHz |
| | -10 dB Min. | @100MHz |
| 7. Cross talk | -40 dB Min. | @30MHz |
| | -35 dB Min. | @60MHz |
| | -30 dB Min. | @100MHz |
| 8. Different CMR | -40 dB Min. | @30MHz |
| | -35 dB Min. | @60MHz |
| | -30 dB Min. | @100MHz |
| 9. Voltage isolation | 1500 vrms | |

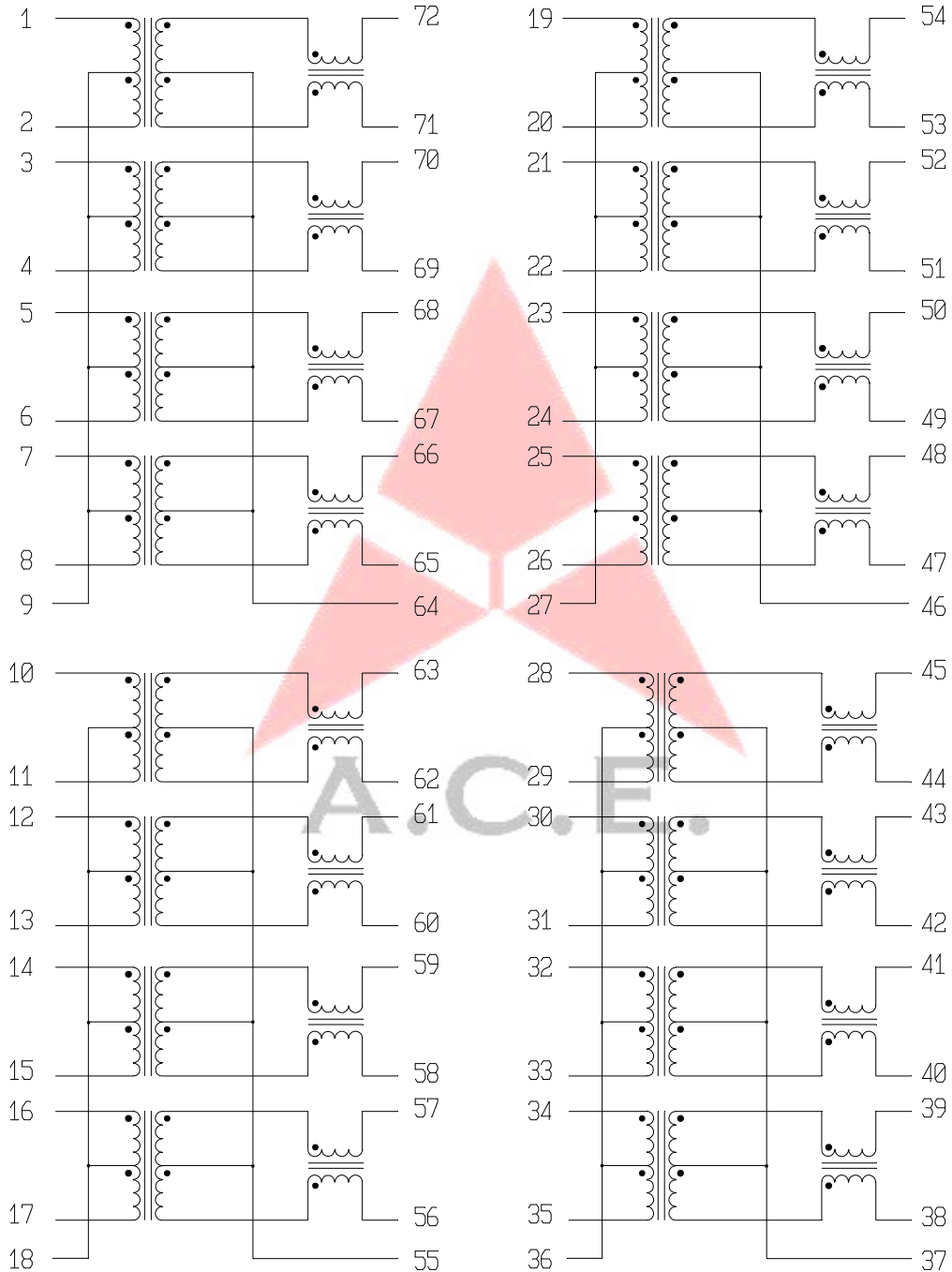
Dimension: unit: mm





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Schematic:





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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Cathy	Sundi	New release	10/07/2009
1	Cathy	Sundi	Modified dimension	03-12-2009
2	Cathy	Sundi	增加檔點標示，以清楚界定 PIN 長度	05-19-2010
3	Timmy	Sundi	Modified dimension	08-10-2010

