



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



Product Specification

Product name	GL4P1011
Product Type	100/1000BASE-T Quad Magnetic Module
System Application	72 pins Magnetic Module
Author	Sundi Lin
Approved By	Alvin Liou

A.C.E.

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Archicore Electronics CO., LTD

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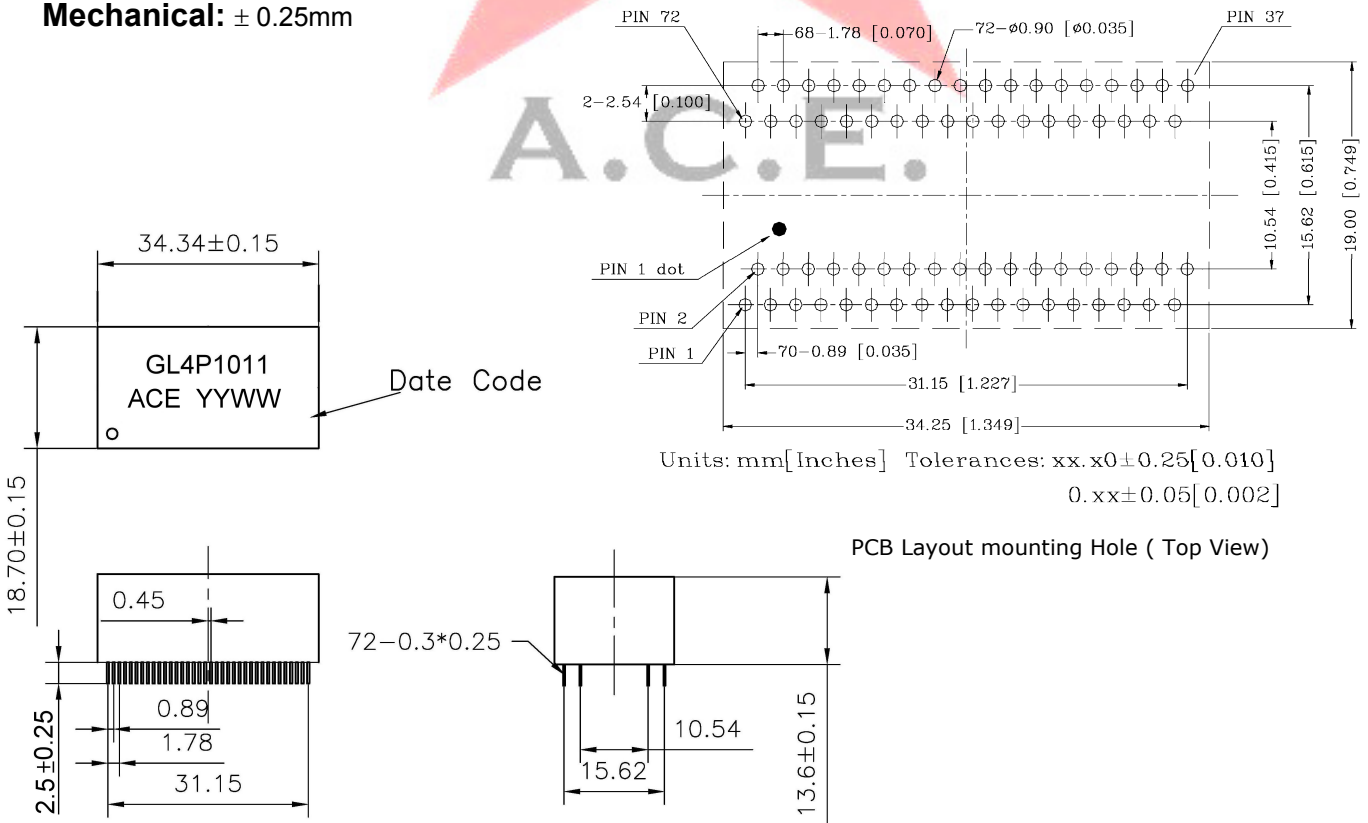
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Specifications :@ 25°C, operating temperature 0°C -70°C

1. Inductance(note1)	350uH Min.	@100KHz,100mV
2.Turn Ratio	1CT :1CT ± 5%	
3. Insertion Loss	-1.0 dB Max.	@1-100MHz
4. Return loss	-18 dB Min.	@1-40MHz
	-12 dB Min.	@40-80MHz
	-10 dB Min.	@80-100MHz
5. Cross talk	-43.5 dB Min.	@30MHz
	-37.5 dB Min.	@60MHz
	-33 dB Min.	@100MHz
6.CMRR	-40 dB Min.	@30MHz
	-35 dB Min.	@60MHz
	-30 dB Min.	@100MHz
7. Voltage isolation	1500 vrms	

Note 1 : measured at 8mAdc over operating temperature 0°C -70°C
Note 2: Above specification only for one port.

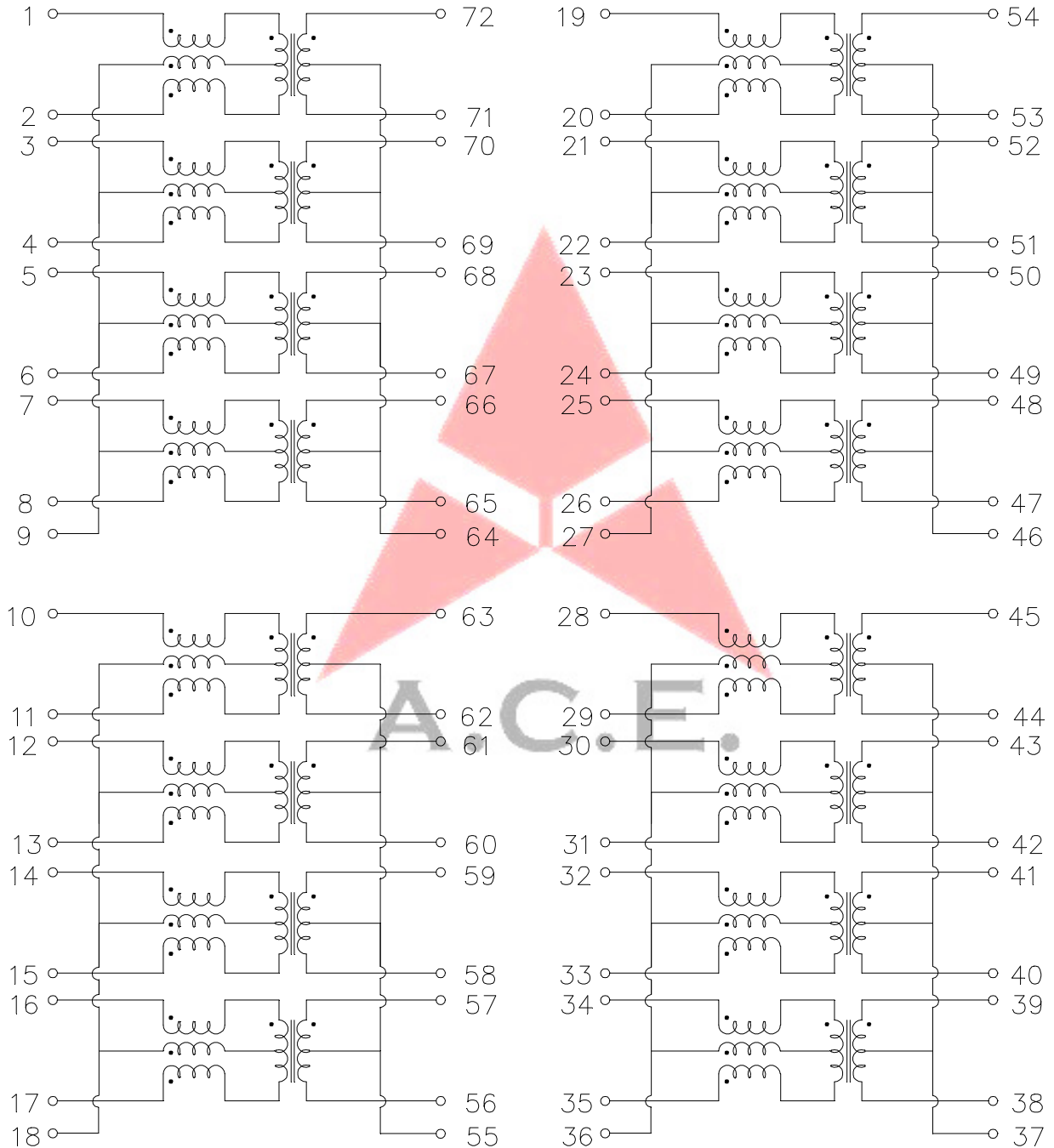
Mechanical: ± 0.25mm





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Schematic:





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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Sundi	Alvin	New release	8/11/2010
1	Sundi	Alvin	Modified Specifications Modified Mechanical	8/20/2010
2	Sundi	Alvin	Modified Mechanical	2011/2/17
3	Sundi	Alvin	Modified Schematic	2011/3/03

