



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



Product Specification

Product name	GL4P1014
Product Type	72 pins Magnetic Module
System Application	100/1000Base Quad Port
Author	Alvin Liou
Approved By	Sundi Lin



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Archicore Electronics CO., LTD

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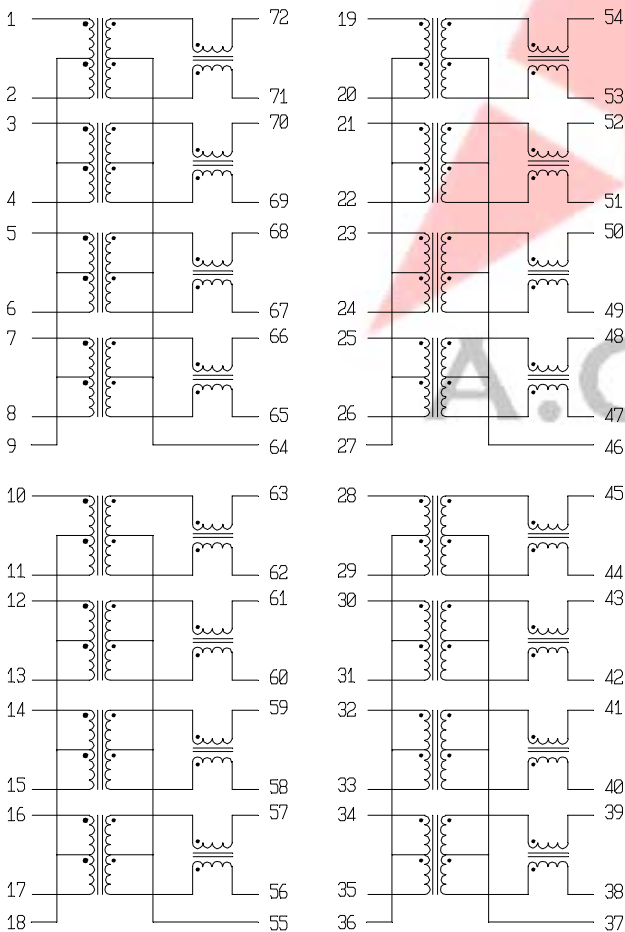


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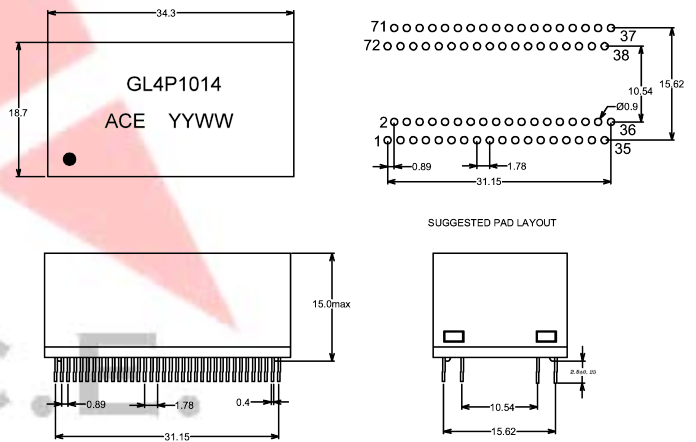
Specifications :@ 25°C, operating temperature 0°C -70°C

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

Schematic:



Dimension: unit: mm



Unless otherwise specified all tolerances are: ± 0.25 in mm

NOTE: YYWW – Date code



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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Alvin	Sundi	New release	2010/1/10

