

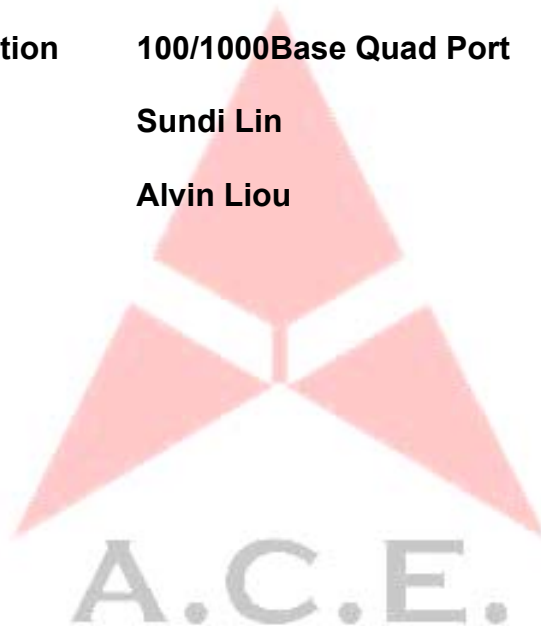


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ArchiCore Electronics CO., LTD



## Product Specification

<b>Product name</b>	<b>GL722001</b>
<b>Product Type</b>	<b>72 pins Magnetic Module</b>
<b>System Application</b>	<b>100/1000Base Quad Port</b>
<b>Author</b>	<b>Sundi Lin</b>
<b>Approved By</b>	<b>Alvin Liou</b>



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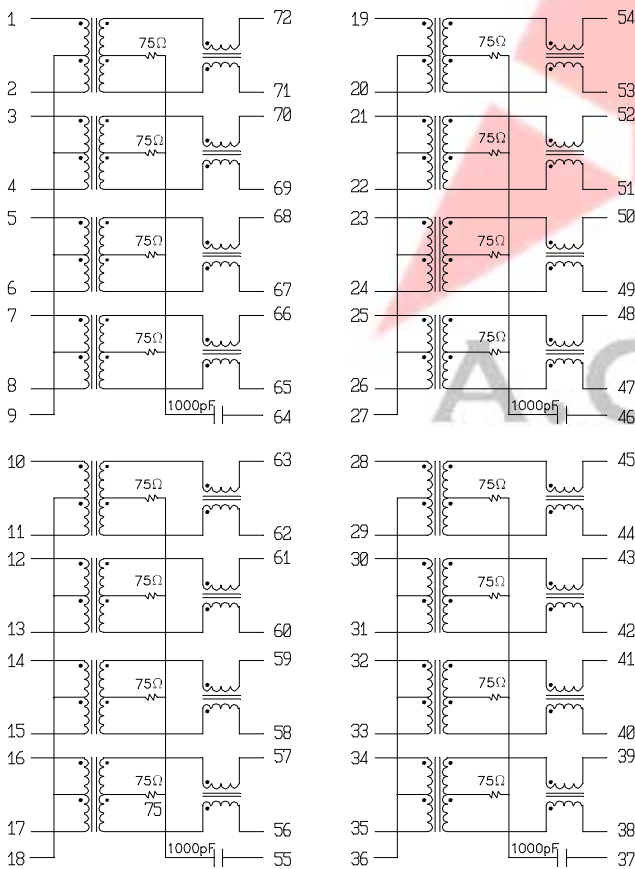


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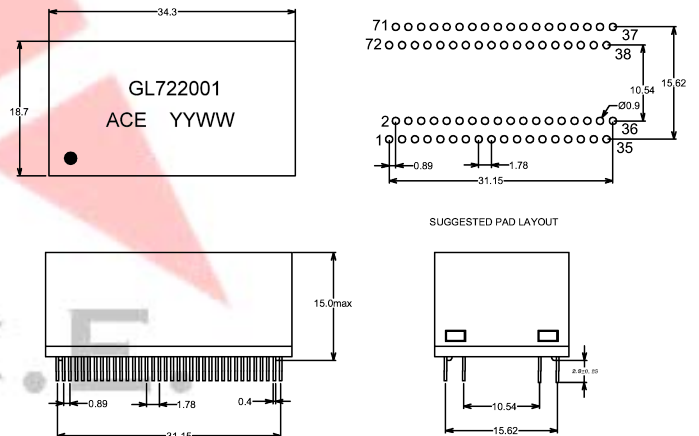
**Specifications** :@ 25°C, operating temperature 0°C -70°C

- |                         |               |                |
|-------------------------|---------------|----------------|
| 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.   | @1-30MHz       |
|                         | -14.4 dB Min. | @40MHz         |
|                         | -13.1 dB Min. | @50MHz         |
|                         | -12 dB Min.   | @60-80MHz      |
|                         | -10 dB Min.   | @100MHz        |
| 5. Cross talk           | -40 dB Min.   | @30MHz         |
|                         | -35 dB Min.   | @60MHz         |
|                         | -30 dB Min.   | @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	Sundi	Feilong	New release	2009/05/14
1	Sundi	Alvin	Modified Dimension	2011/1/10

