



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

## Product Specification

<b>Product name</b>	<b>GL249001</b>
<b>Product Type</b>	<b>PCMCIA Solutions</b>
<b>System Application</b>	<b>100/1000Base</b>
<b>Author</b>	<b>Cathy Huang</b>
<b>Approved By</b>	<b>Sundi Lin</b>
<b>RoHS Compliant</b>	

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**Specifications** :@ 25<sup>0</sup>C, operating temperature 0<sup>0</sup>C -70<sup>0</sup>C

- |                         |               |                 |
|-------------------------|---------------|-----------------|
| 1. Turn Ratio           | 1CT :1CT ± 3% |                 |
| 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 dB Min.   | @40MHz          |
|                         | -13 dB Min.   | @50MHz          |
|                         | -12 dB Min.   | @60-80MHz       |
|                         | -10 dB Min.   | @100MHz         |
| 5. Cross talk           | -40 dB Min.   | @1-60MHz        |
|                         | -38 dB Min.   | @60-100MHz      |
| 6. Voltage isolation    | 1500 vrms     |                 |

**Schematic:**

**Dimension:**

