



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

## **Product Specification**

|                           |                        |
|---------------------------|------------------------|
| <b>Product name</b>       | <b>HL163008</b>        |
| <b>Product Type</b>       | <b>10/100BASE</b>      |
| <b>System Application</b> | <b>PCMCIA Solution</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°C, operating temperature 0°C -70°C

- |                      |               |  |
|----------------------|---------------|--|
| 1. Turn Ratio        | 1CT :1CT ± 5% | Pin(1-2) : (16-15); Pin(7-8) : (10-9)    |
| 2. Inductance        | 350uH Min.    | Pin(16-15) & Pin(10-9) , @100KHz, 100mV, |
| 3. Insertion Loss    | -1.0 dB Max.  | @1-100MHz                                |
| 4. Return loss       | -16 dB Min.   | @1-30MHz                                 |
|                      | -13.5 dB Min. | @40MHz                                   |
|                      | -11.5 dB Min. | @50MHz                                   |
|                      | -10 dB Min.   | @60-80MHz                                |
| 5. Cross talk        | -40 dB Min.   | @1-60MHz                                 |
|                      | -38 dB Min.   | @60-100MHz                               |
| 6. Voltage isolation | 1500 vrms     |  |

Schematic:

Dimension: tolerance ± 0.25

