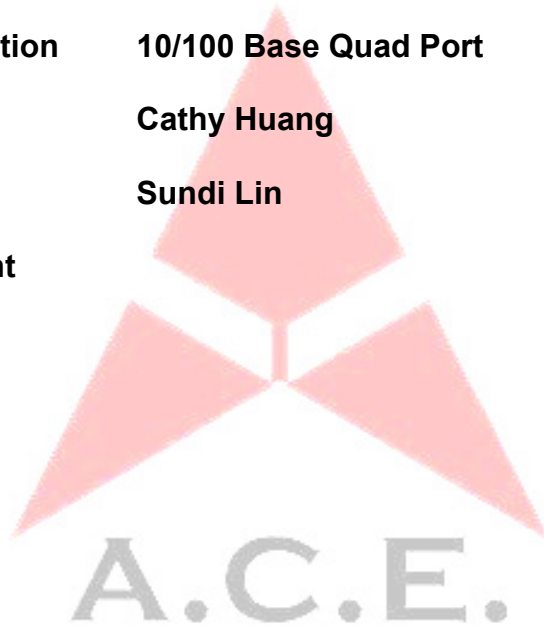




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ArchiCore Electronics CO., LTD

Product Specification

Product name	HL4P1001
Product Type	36 pins Magnetic Module DIP Type
System Application	10/100 Base Quad Port
Author	Cathy Huang
Approved By	Sundi Lin
RoHS Compliant	



泰華達股份有限公司

Archicore Electronics CO., LTD

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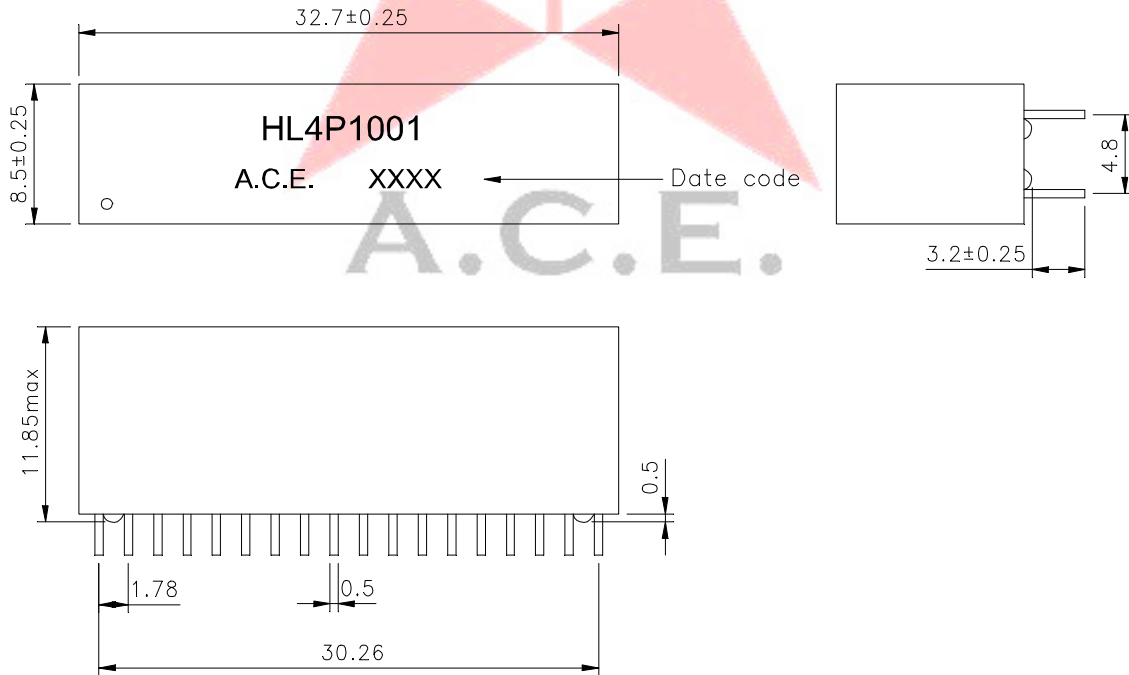


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Specifications :@ 25⁰C, operating temperature 0⁰C -70⁰C

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
5. Cross talk	-40 dB Min.	@30MHz
	-35 dB Min.	@60MHz
	-30 dB Min.	@100MHz
6. Different CMR	-40 dB Min.	@30MHz
	-35 dB Min.	@60MHz
	-30 dB Min.	@100MHz
7. Voltage isolation	1500 vrms	

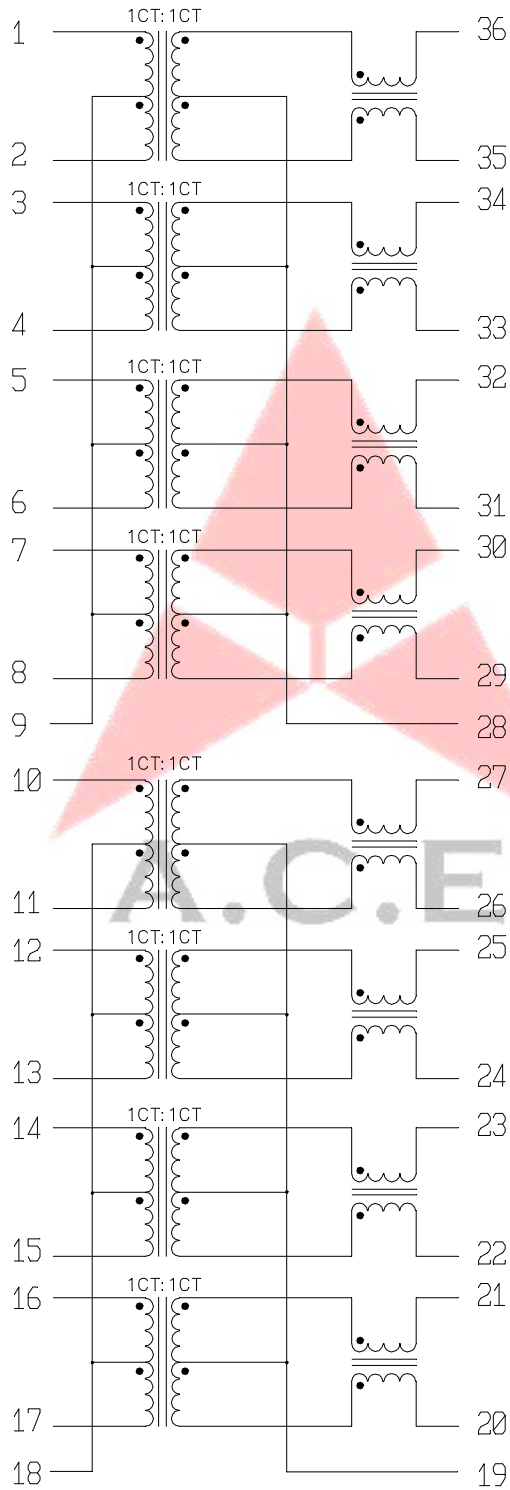
Dimension: unit: mm





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Schematic:





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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Cathy	Sundi	New release	29/03/2010

