



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



Product Specification

Product name	GL2P1001
Product Type	Dual ports PTH Transformer module
System Application	100/1000BASE-T
Author	Sundi Lin
Approved By	Alvin Liou



泰華達股份有限公司

Archicore Electronics CO., LTD

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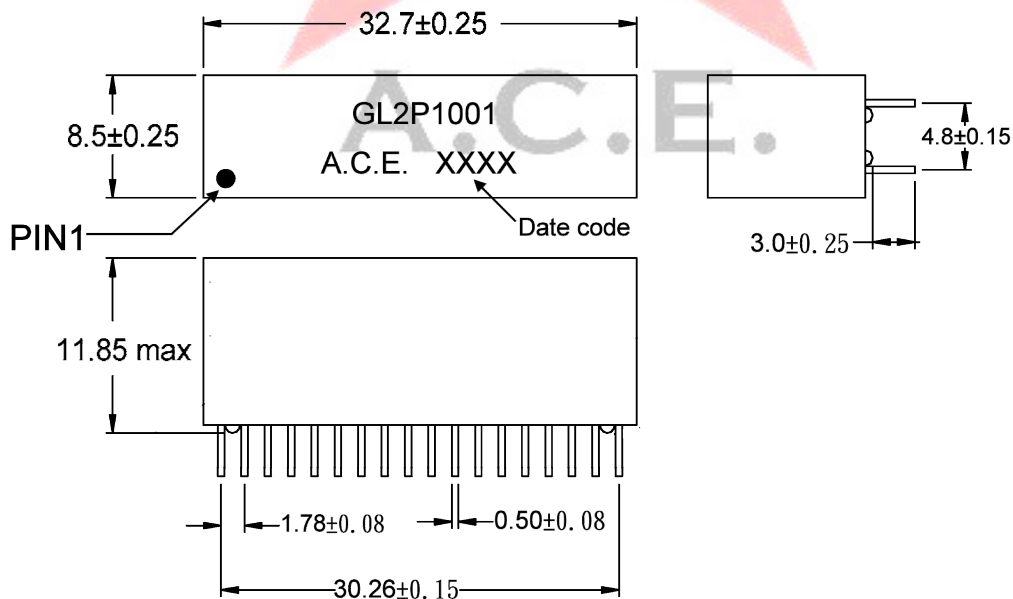


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Specifications :@ 25⁰C, operating temperature 0⁰C -70⁰C

1. Turn Ratio	1CT :1CT ± 5%	
2. Inductance(with 8mA)	350uH Min.	@100KHz,100mV
3. DCR	1.4ohm Max.	
4. Interwinding Cap.	100pF typ.	
5. Insertion Loss	-1.0 dB Max.	@1-100MHz
6. 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
7. Cross talk	-40 dB Min. -35 dB Min. -30 dB Min.	@30MHz @60MHz @100MHz
8. Different CMR	-40 dB Min. -35 dB Min. -30 dB Min.	@30MHz @60MHz @100MHz
9. Voltage isolation	1500 vrms	

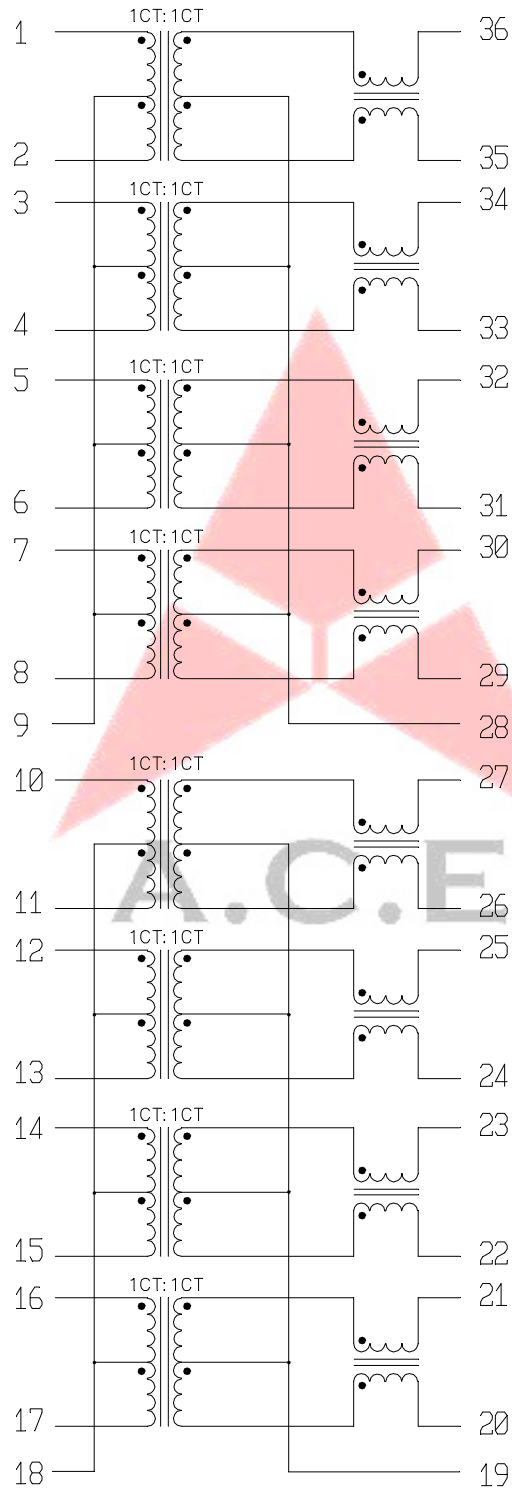
Dimension: unit: mm





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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	2010/8/3
1	Sundi	Alvin	Modified Dimension	2011/4/27

