



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



Product Specification

Product name	HL2P1005
Product Type	Transformer PTH Type
System Application	10/100 BASE Module
Author	Sundi Lin
Approved By	Alvin Liou



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Archicore Electronics CO., LTD

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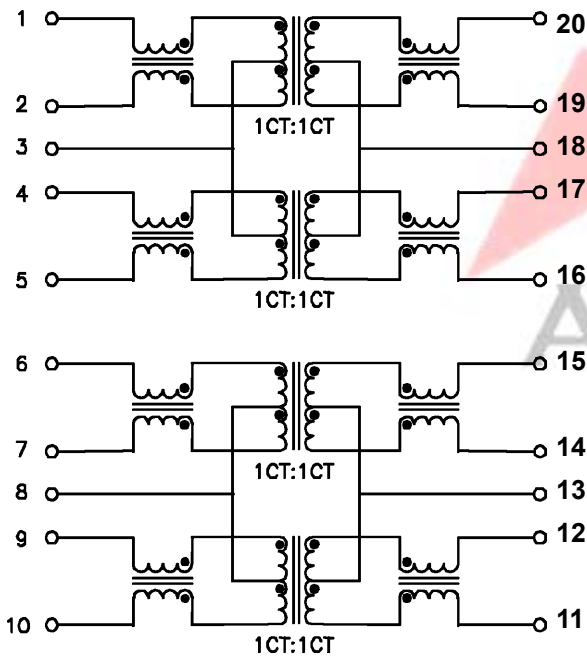


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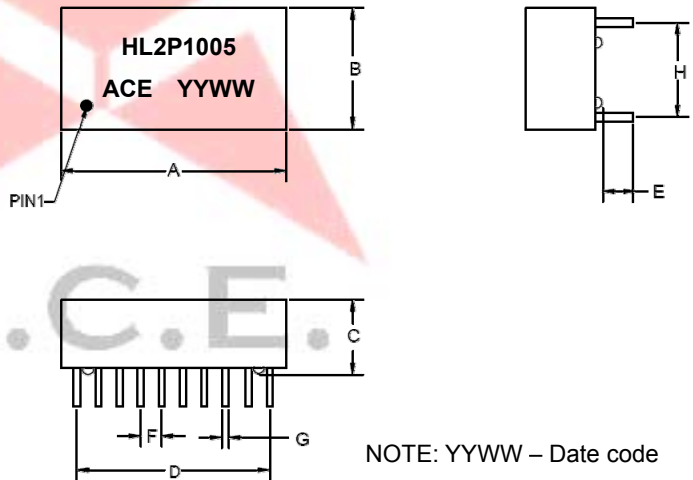
Specifications :@ 25⁰C, operating temperature 0⁰C -70⁰C

- | | | |
|-------------------------|--|---|
| 1. Turn Ratio | 1CT :1CT ± 5% | Pin(1-2) : (20-19); Pin(4-5) : (17-16) |
| 2. Inductance(with 8mA) | 350uH Min. | Pin(1-2) ; Pin(5-4) , @100KHz,100mV, |
| 3. Insertion Loss | -1.0 dB Max. | @1-100MHz |
| 4. Return loss | -16 dB Min.
-13.5 dB Min.
-11.5 dB Min.
-10 dB Min. | @1-30MHz
@40MHz
@50MHz
@60-80MHz |
| 5. Cross talk | -40 dB Min.
-38 dB Min. | @1-60MHz
@60-100MHz |
| 6. Voltage isolation | 1500 vrms | |

Schematic:



Dimension: +/-0.25mm



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	25.10	25.70	0.988	1.012
B	9.68	10.28	0.381	0.405
C	5.75	6.75	0.226	0.2657
D	22.61	23.11	0.89	0.909
E	2.25	2.75	0.0885	0.1082
F	2.39	2.69	0.094	0.106
G	0.45	0.55	0.0177	0.0216
H	7.37	7.87	0.290	0.400



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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Timmy	Sundi	New release	2010/09/08
1	Sundi	Alvin	Modified Dimension	2011/01/04

