



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



Product Specification

Product name	HL1P1010
Product Type	PTH Type Transformer Module
System Application	10/100BASE
Author	Alvin Liou
Approved By	Sundi Lin

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Archicore Electronics CO., LTD

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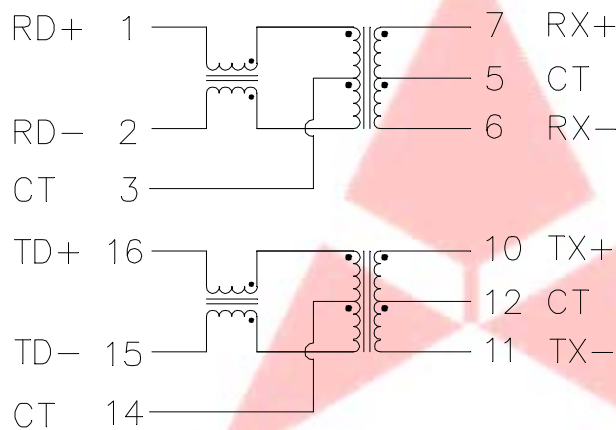


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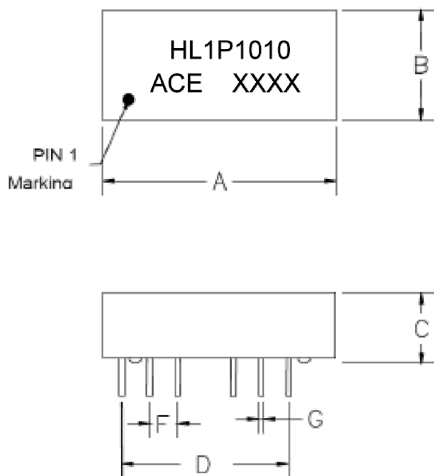
Specifications :@ 25°C, operating temperature 0°C -70°C

1. Turn Ratio	1CT :1CT ± 5%	TX ; RX
2. Inductance	350uH Min.	@100KHz , 100mV with 8mA DC Bias
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: +/-0.25 mm



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DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	20.7	21.7	0.81	0.85
B	9.3	10.3	0.37	0.41
C	5.75	6.75	0.23	0.27
D	14.99	15.49	0.59	0.61
E	3.00	3.60	0.118	0.142
F	2.29	2.79	0.09	0.11
G	0.4	0.6	0.016	0.024
H	7.37	7.87	0.29	0.31



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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Alvin	Sundi	New release	2011/01/05

