



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



Product Specification

Product name	HL163001
Product Type	SMD Transformer Module Type
System Application	10/100BASE
Author	Sundi Lin
Approved By	Alvin Liou

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Archicore Electronics CO., LTD

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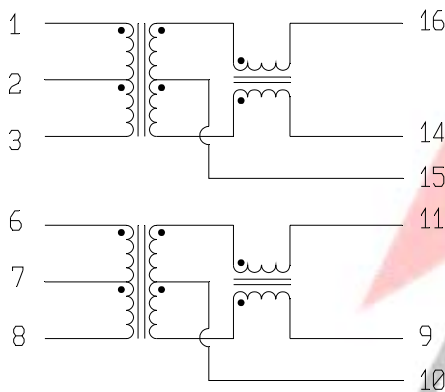


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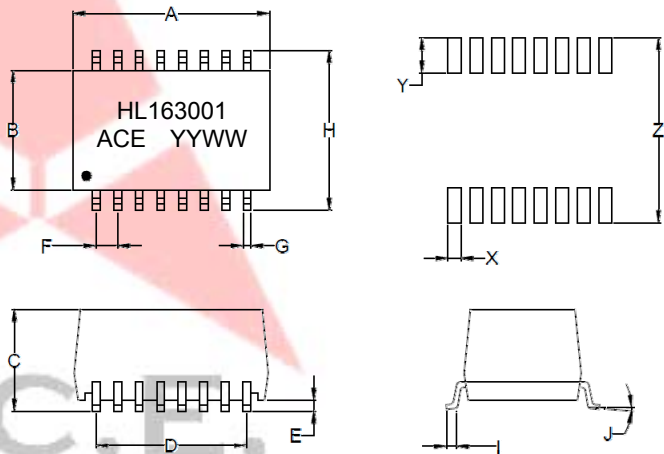
Specifications :@ 25°C, operating temperature 0°C -70°C

- | | | |
|-------------------------|---------------|---------------|
| 1. Turn Ratio | 1CT :1CT ± 5% | |
| 2. Inductance(with 8mA) | 350uH Min. | @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:



Note: YYWW 生產 date code

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	12.10	13.10	0.476	0.516
B	6.50	7.50	0.256	0.295
C	4.75	5.84	0.187	0.230
D	8.64	9.14	0.240	0.360
E	0.15	0.45	0.006	0.018
F	1.02	1.52	0.040	0.060
G	0.35	0.6	0.0138	0.0236
H	9.10	9.70	0.358	0.382
J	0°	8°	0°	8°
I	0.45	0.95	0.018	0.037
X	0.51	1.01	0.0200	0.0397
Y	1.78	2.28	0.0700	0.0898
Z	10.42	10.92	0.410	0.430



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Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Sundi	Feilong	New release	2009/5/8
1	Sundi	Alvin	Modify Specifications	2011/2/17

