PREMO ELECTRONIC (WUXI) CO LTD

SPECIFICATION

Part Number	X-W0109-014
Description	BeiJing Hollysys
Customer Part Number /Description	Transformer RM8/BACC BOARD

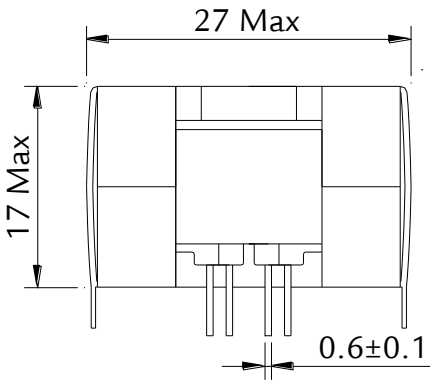
CUSTOMER APPROVAL(CUSTOMER SIGN)

APPROVAL/DATE	CHECK/DATE	MADE/DATE

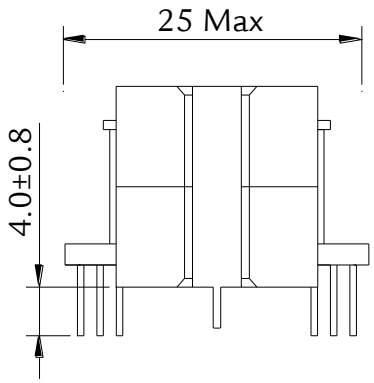
SUPPLIER APPROVAL

APPROVAL/DATE	CHECK/DATE	MADE/DATE
Wang 2010/11/1	Shenjunfeng 2010/11/1	Frank 2010/11/1

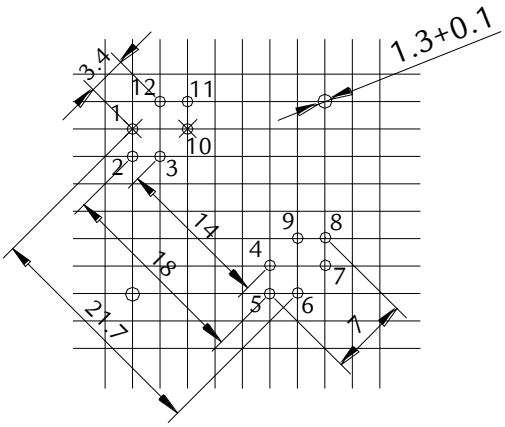
1. Dimensions



Front View

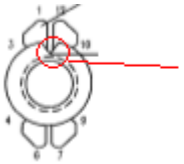


Lateral View



Recommended PCB layout
View in Mounting Direction

Notes:

- Pin Grid: ±0.3mm;
- White dot marked for pin 1;
- Remove Pin1 and pin10.
- 

RoHS 2002/95/EC

2. Materials

2.1-Ferrite core materials

Format: RM8
Material: R3K from DMEGC

2.2-Coil former

Description: RM8/12P

2.3-Clip

Format: RM8

2.4- Wire

Description: ENAME CU WIRE 0.40/2/UEW155/UL

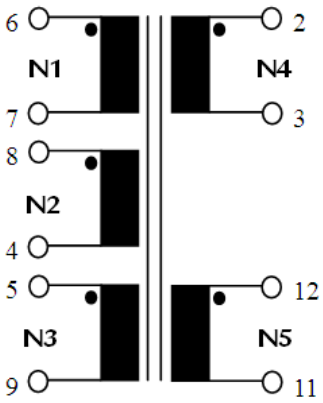
2.5- Insulation tape

Description: POLY.TAPE/CT280/W=9.5mm/YEL

2.6- Tube

Description: TEFLON TUBE

3. Electrical diagram



WINDINGS			
Wind.	Pins	No. of turns	Wire diameter
N1	6-7	16	0.4
N2	8-4	12	0.4
N3	5-9	18	0.4
N4	2-3	12	0.4
N5	12-11	18	0.4

4. Electrical parameters

4.1- Inductance

L(N1) = 1.1mH+30% -20%
(Measured at 10kHz/10mV)

4.2- Turn Ratio

N1:N2:N3:N4:N5 = 16:12:18:12:18

4.3- Resisitance

R(N1) = 70-90mΩ

4.4- Dielectric strength

0.5kVac/1mA/60" between N1 and N2;
1.5kVac/1mA/60" between N3,N4 and N5;

4.5-Capacitance

Cp(N5-other)=30pF max

(Measured with N1 and N2 shorted, at 10KHz,300mVac，RT=20 °C)

5. Marking

The transformer is marked on the top of the core as follows:

PREMO XX/YY X-W0109-014

XX: Week
YY: Year

6. Packaging

Packaging with carton board & EPE

7. Edition control

Edition	Changed by	Date	Change description
1st	Frank	01/11/10	Preliminary edition