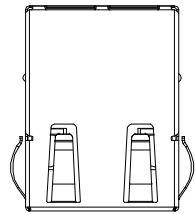


1 2 3 4 5 6 7 8 9

F

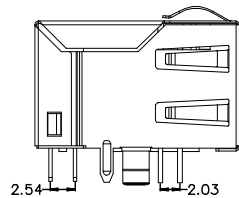


TOP VIEW

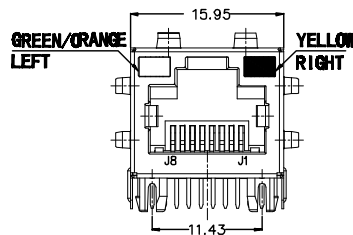
MATERIAL:
 HOUSING : PBT,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM

MECHANICAL:
 DURABILITY : 750 CYCLES MIN.
 MATING FORCE : 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.

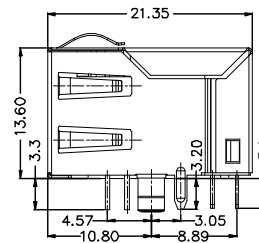
E



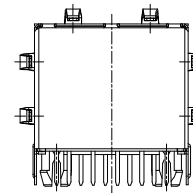
LEFT SIDE VIEW



FRONT VIEW



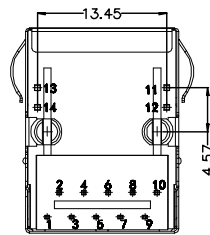
RIGHT SIDE VIEW



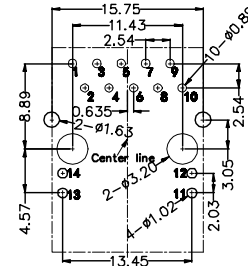
BACK VIEW

D

C



BOTTOM VIEW



RECOMMENDED PCB LAYOUT

B

Ordering Information

C THB201- 10 XX B 007 A X A X
 No.of pins 10 Standard Plating 53=Gold 6u"/Tin Color 1=Black Standard Packing B=Tray

A



REV. A UNIT. mm SCALE. 1:1

3RD.ANG PROJ. 3/3
 PAGE. 1/3

GENERAL TOLERANCE
 X. 5.0' X.?.35
 .X. 3.0' .X?.30
 .XX. 2.0' .XX?.25
 .XXX. 1.0' .XXX?. 15

DESIGNED:
 CHECKED:
 APPROVED:

DATE:
 DATE:
 DATE:

DWG. NO. CTHB201-CB007
 PART NO. CTHB201-10XXB007AXX

TITLE. RJ45 TAB-UP 1*1 1000BASE

1 2 3 4 5 6 7 8 9

1 2 3 4 5 6 7 8 9

F

E

D

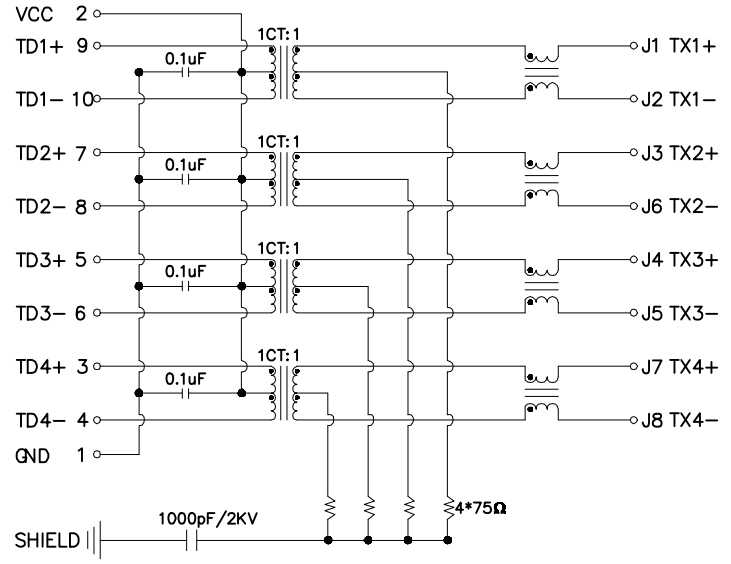
C

B

A

PCB SIDE TO PHY

CABLE SIDE

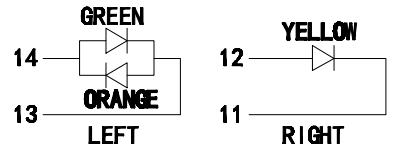


Electrical:

1. Turn ratio: 9~10: J1~J2=1CT:1CT(±2%).
7~8: J3~J6=1CT:1CT(±2%).
5~6: J4~J5=1CT:1CT(±2%).
3~4: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min.at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
5. Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



Greenconn
 Website: www.greenconn.com
 E-mail: sales@greenconn.com

3RD.ANG PROJ.	GENERAL TOLERANCE	
	X. 5.0'	X.?.35
	.X 3.0'	.X?.30
	.XX 2.0'	.XX?.25
REV. A	UNIT. mm	SCALE. 1:1
PAGE. 2/3	.XXX 1.0' .XXX?. 15	

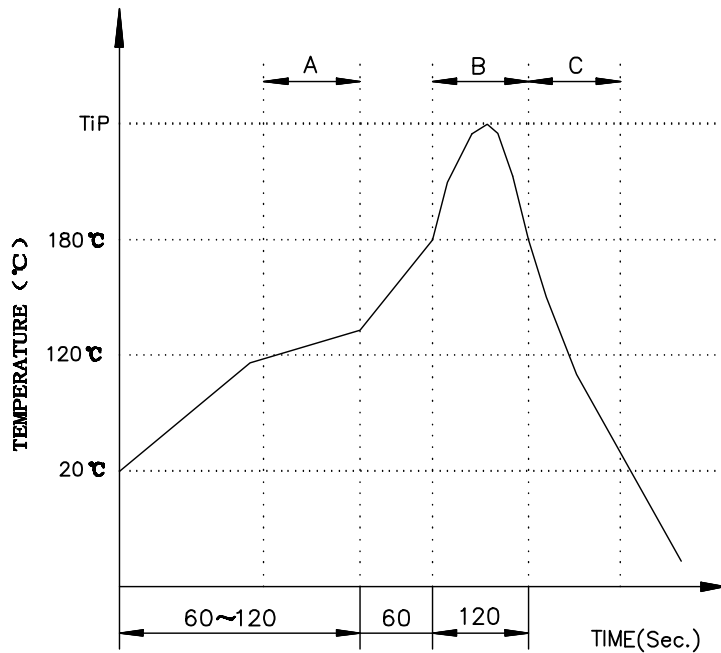
DESIGNED:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:

DWG. NO. CTHB201-CB007
PART NO. CTHB201-10XXB007AXAX

TITLE.
RJ45 TAB-UP 1*1
1000BASE

1 2 3 4 5 6 7 8 9

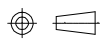
PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
 Tip temperature: $260 \pm 5^{\circ}\text{C}$.
 Tip temperature time: 5Sec Max.
 Tip melting point of Sn96.5/Ag3/Cu0.5: 217°C .

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.



3RD.ANG PROJ.

 PAGE. 3/3

GENERAL TOLERANCE	
X. 5.0'	X.?.35
.X 3.0'	.X?.30
.XX 2.0'	.XX?.25
.XXX 1.0'	.XXX?. 15

DESIGNED:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:

DWG. NO. CTHB201-CB007
PART NO. CTHB201-10XXB007AXAX

TITLE. RJ45 TAB-UP 1*1 1000BASE
