

The product using material and processing must conform to the "WI-PZ-001"HSF technical standard control requirements

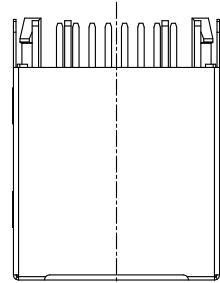
RoHS

MATERIAL:
 HOUSING: PBT,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

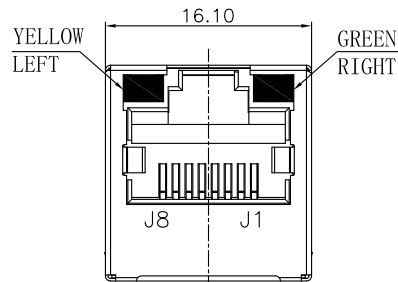
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
 6U" GOLD PLATING ON CONTACT AREA.

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

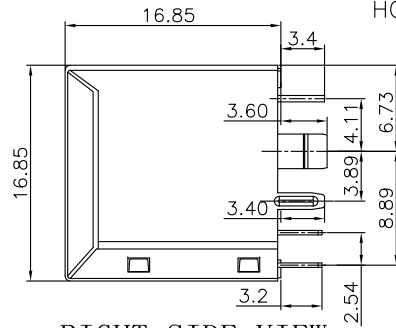
SALT:
 THE LED LAMP PIN HAS NO CORROSION FOR 8 HOURS, AND THE REMAINING PARTS HAVE NO CORROSION OR DISCOLORATION FOR 48 HOURS.



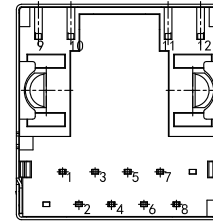
TOP VIEW



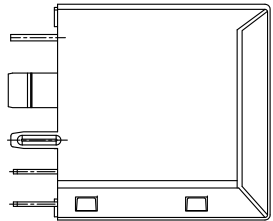
FRONT VIEW



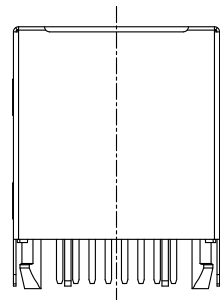
RIGHT SIDE VIEW



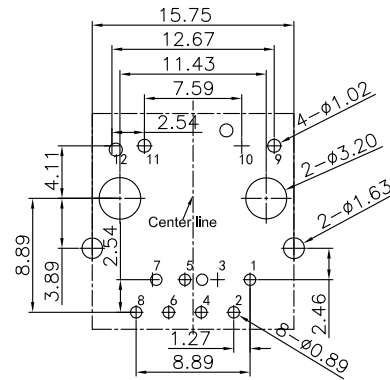
BACK VIEW



LEFT SIDE VIEW



BOTTOM VIEW



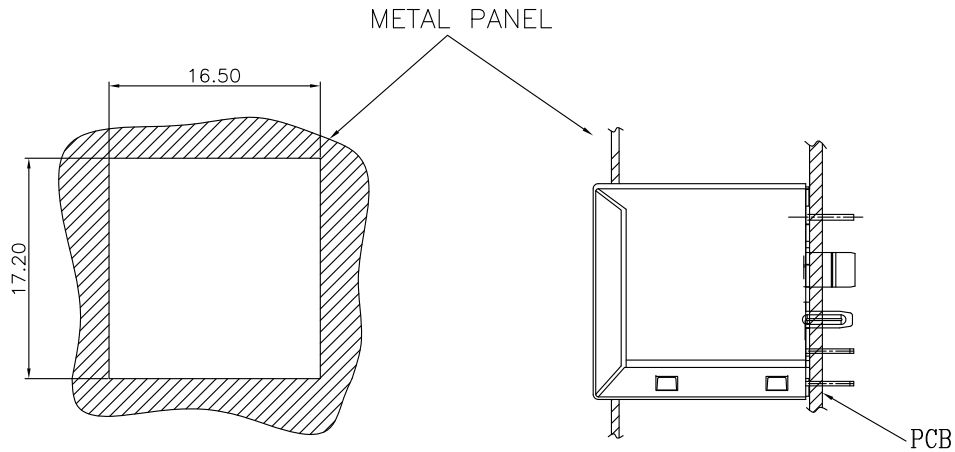
RECOMMENDED PCB LAYOUT
 VIEWED FROM COMPONENT SIDE

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO: WLR4F0-1213A2159	DWG.NO: ENDE05	 WanLian Technology Co., Ltd	
AO	NEW RELEASE	19.05.27		LINEAR	ANGLES	APPROVED	Wang_jr	19.05.27				
			UNIT:mm	0.00±0.25	X'±3°	DESIGNER	Ou_jian	19.05.27	TITLE: 180° TAB-UP 1X1 10/100BASE	REV: A0		SHEET: 1/4
			SIZE: A4	0.000±0.10	X'X' ±2°	DRAWN	LanXuan_Hou	19.05.27				

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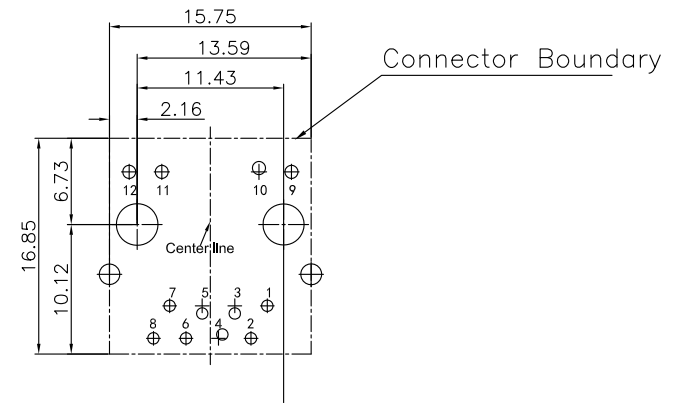
RoHS

Suggested Panel Opening:





UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):

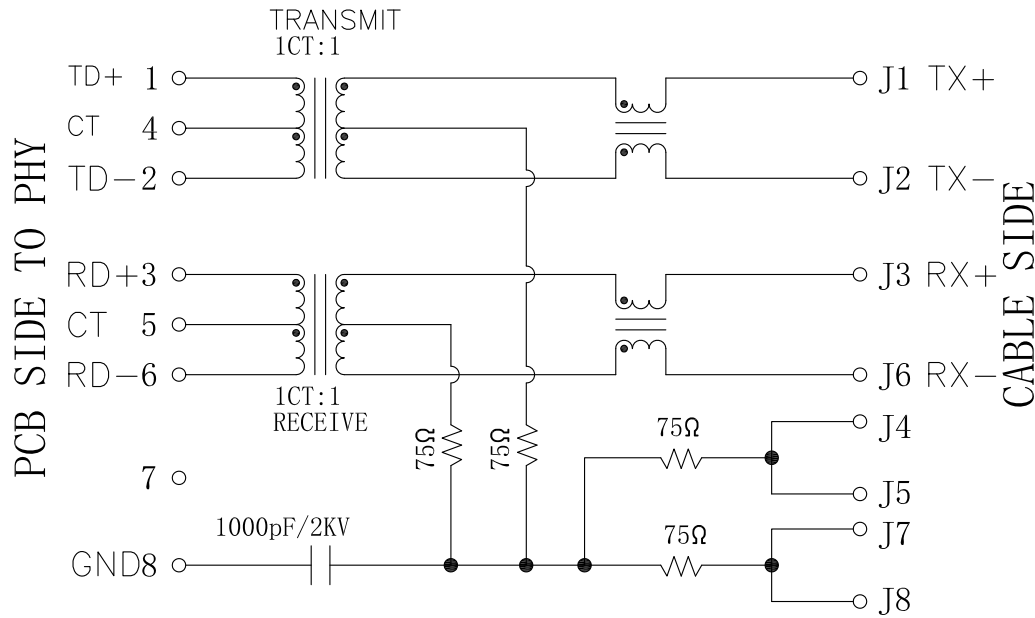


UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE:	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Technology Co., Ltd
A0	NEW RELEASE	19.05.27		LINEAR	ANGLES	1:1	Wang_jr	19.05.27	WLR4F0-1213A2159	ENDE05	
			0.0 \pm 0.35	X*REF \pm 6°		Ou_jian	19.05.27				
			UNIT:mm	X \pm 3°				TITLE:			
			SIZE: A4	X*X' \pm 2°		DRAWN	LanXuan_Hou	19.05.27	180° TAB-UP 1X1 10/100BASE		REV: A0 SHEET: 2/4

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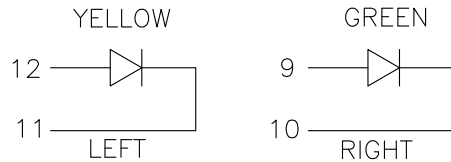


Electrical:

- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
6~7: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz;
-12dB Min 30~60MHz;
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 1500V AC & 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

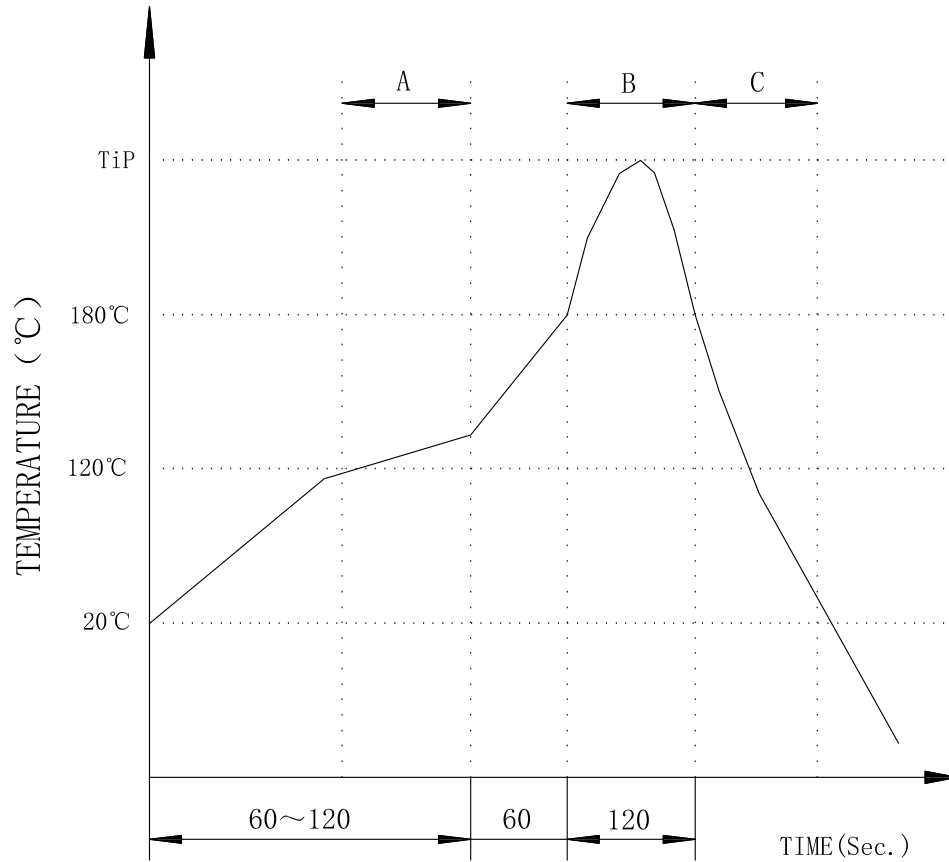


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A0	NEW RELEASE	19.05.27		LINEAR	ANGLES	1:1	Wang_jr	19.05.27	WLR4F0-1213A2159	ENDE05	
			UNIT:mm	X°±3'	DESIGNER	Ou_jian	19.05.27	TITLE:		REV: A0	SHEET: 3/4
			SIZE: A4	X'X' ±2'	DRAWN	LanXuan_Hou	19.05.27	180° TAB-UP 1X1 10/100BASE			

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PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
 Tip temperature:260±5°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.

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			UNIT:mm	0.00±0.25	X°±3°	DESIGNER	Ou_jian	19.05.27	TITLE:		REV: A0 SHEET: 4/4
			SIZE: A4	0.000±0.10	X'X' ±2°	DRAWN	LanXuan_Hou	19.05.27	180° TAB-UP 1X1 10/100BASE		