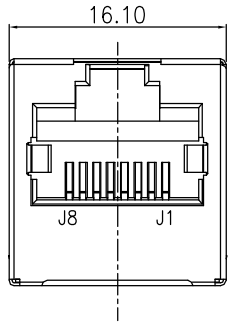
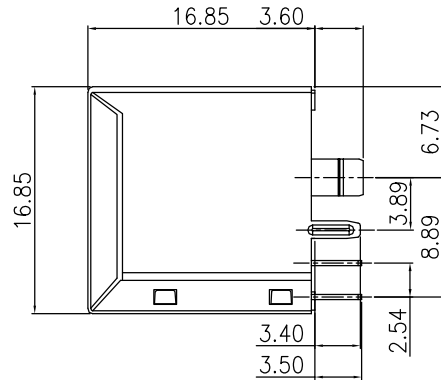


The product using material and processing must conform to the "WL-PZ-001"HSF technical standard control requirements

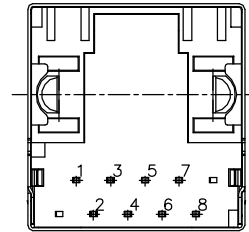
RoHS



FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP UL94V-0 BLACK
- 1-2.TERMINALS BRACKET: LCP UL94V-0 BLACK.
- 1-3.SHIELD: C2680 T=0.20MM
- 1-4.TERMINAL: C5210,T=0.35MM

2.PLATING SPECIFICATION:

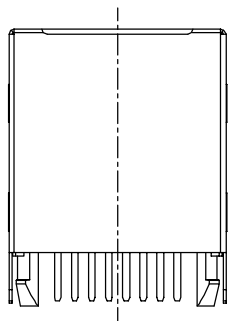
- 2-1.TERMINAL:
AU PLATING ON CONTACT AREA.
- 2-2. SHIELD:
Ni PLATING ON ALL AREA.

3.MECHANICAL PERFORMANCE:

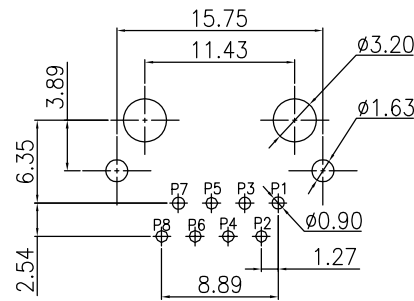
- 3-1.MATING FORCE: 23N MAX.
- 3-2.DURABILITY: 750 CYCLES MIN.

4.ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -40°C~+85°C.



BOTTOM VIEW



PCBLAYOUT
TOL:±0.05

WLR4F0-08 1 X X X 010


PLATING:

- 1-G/F
- 2-Au 3u"
- 3-Au 6u"
- 5-Au 15u"
- 6-Au 30u"

HOUSING:

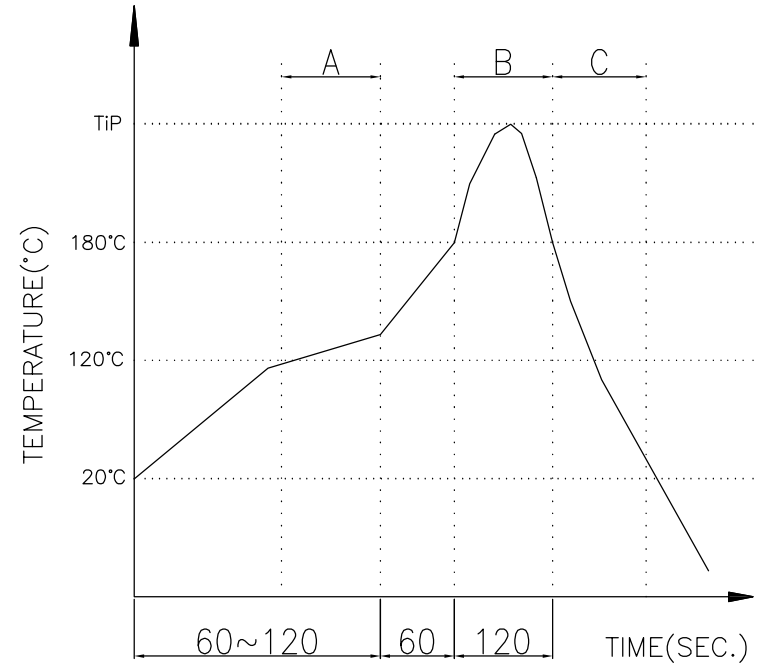
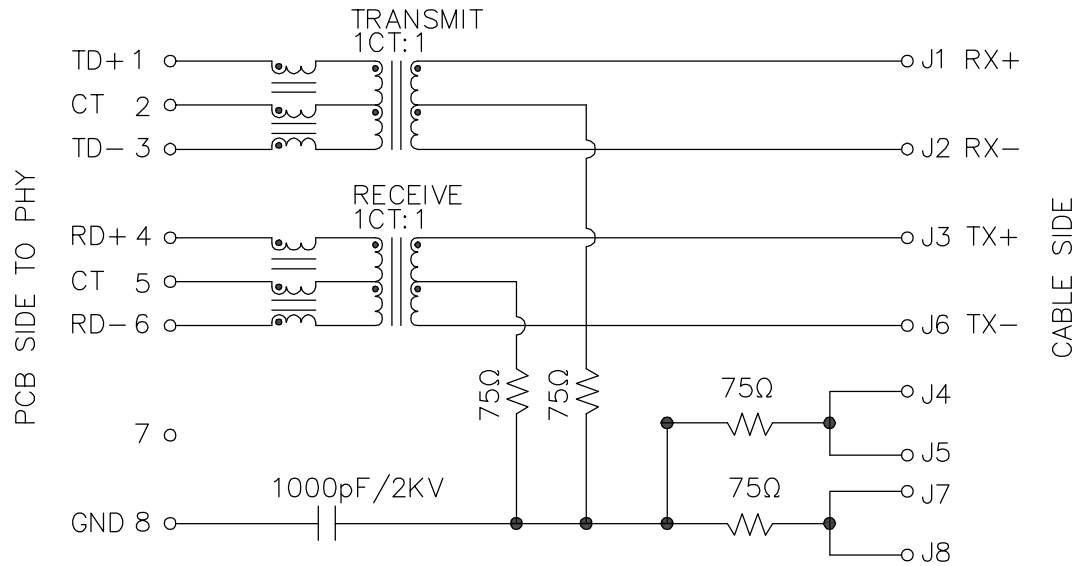
- 1-PBT
- 2-LCP
- 3-PA9T
- 4-PA46

COLOUR:
A-BLACK
E-YELLOW

REV.	REVISION RECORD	DATE	UNIT:mm	GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Teconology Co., Ltd
A0	NEW RELEASE	21.01.13		SIZE: A4	LINEAR	ANGLES	APPROVED	Wang_jr	21.01.13	WLR4F0-081XXX010	
				0.00±0.35	X°REF±6°	DESIGNER	Wang_jr	21.01.13	TITLE: RJ45 8P8C DIP 带变压器 100兆		REV: A0
				0.00±0.25	X°±3°	DRAWN	Wang_jr	21.01.13			
				0.00±0.10	X°X' ±2°						

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

RoHS



Electrical:

1. Turn ratio: 1~3: J1~J2=1CT:1CT(±2%).
4~6: J3~J6=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz;
-12dB Min 30~60MHz;
-10dB Min 60~80MHz.
5. Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 1500V AC & 2250V DC
6S 1mA PRI TO SEC

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.

REV.	REVISION RECORD	DATE	UNIT: mm	GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Teconology Co., Ltd
A0	NEW RELEASE	21.01.13		SIZE: A4	LINEAR	ANGLES	APPROVED	Wang_jr	21.01.13	WLR4FO-081XXX010	
			0.00±0.25	0.0±0.35	X°REF±6°	DESIGNER	Wang_jr	21.01.13	TITLE: RJ45 8P8C DIP 带变压器 100兆		REV: A0
			0.000±0.10	0.00±0.10	X°X' ±2°	DRAWN	Wang_jr	21.01.13			SHEET: 2/2