



**JIAXUN**

佳迅智能科技

**JG95354JF642M**

**RJ45连接器规格书**

佳迅（惠州）智能科技有限公司

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JIAXUN INTELLIGENT TECHNOLOGY LIMITED

# Mechanical



REV.

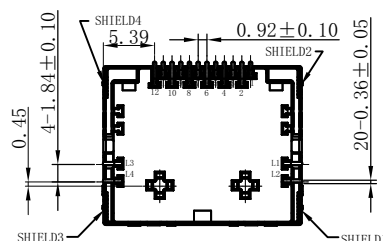
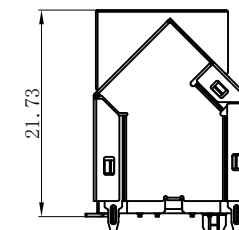
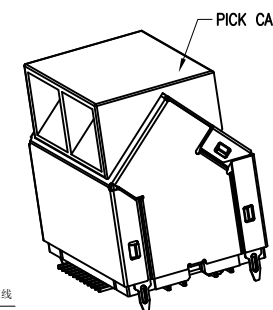
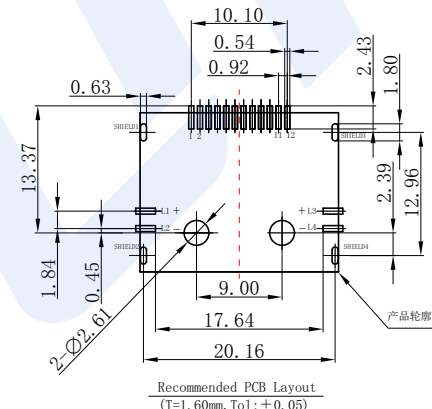
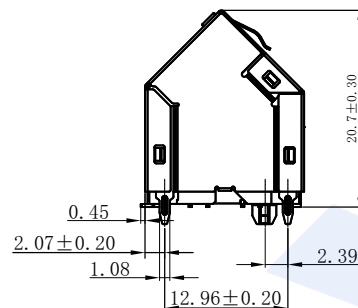
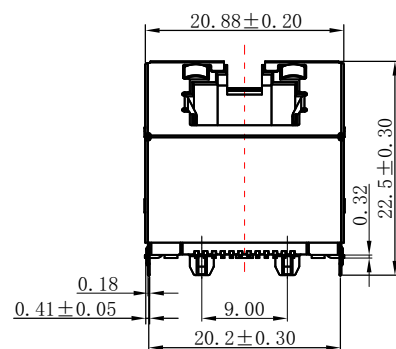
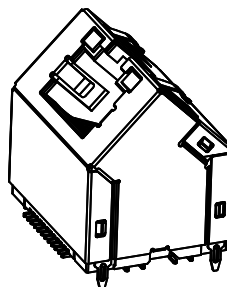
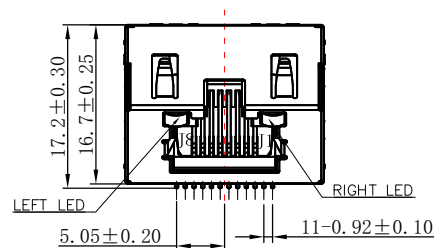
DESCRIPTION

DATE

APPD

A

2016-04-22



## NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3bt specification
3. Connector Materials:

Housing Material: Thermoplastic PBT+30%G.F UL94V-0 Black.

Contact Material: Phosphor Bronze C5210R-EH Thickness=0.35mm

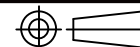
Pins: Brass C2680R-H Thickness=0.35mm

Shield: Copper alloy Brass H65Y Thickness=0.2mm

Contact plating: Gold 6 micro-inches min. In contact area.

4. Wave solder tip temperature: 265°C Max, 5 Sec.

X.X ± 0.30



SCALE: 2/1

SHEET: 1/2

SIZE: A4

X.XX ± 0.25

UNIT: mm

PART NO: JG95354JF642M

X.XXX ± 0.05

DR: SEA

TITLE: RJ45 45° Connector With 100/1000Magnetic For PoE++ Application

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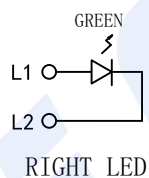
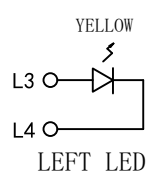
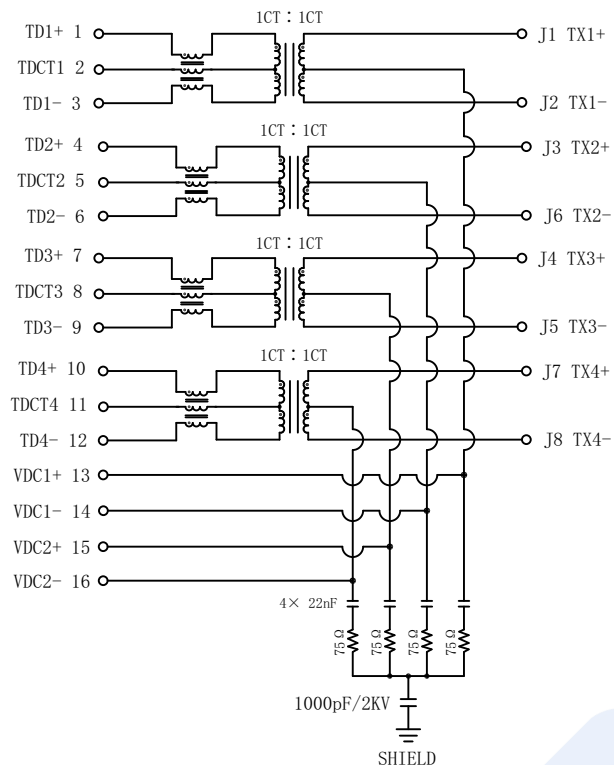
更多规格请访问佳迅官方网站

<https://www.jiaxunzg.cn>

(右侧二维码扫描即刻进入)



PC BOARD CONNECTIONS



| Emitting Color | $\lambda_p(\text{nm})$ | $V_F @ I_F = 20\text{mA}$ | $I_R @ V_R = 5V$     |
|----------------|------------------------|---------------------------|----------------------|
| GREEN          | 565                    | 1.8~2.6V                  | 10 $\mu\text{A}$ max |
| YELLOW         | 585                    | 1.8~2.6V                  | 10 $\mu\text{A}$ max |

RJ45 CONNECTOR

## Mechanical



| REV. | DESCRIPTION | DATE       | APPD |
|------|-------------|------------|------|
| A    |             | 2016-04-22 |      |

## Electrical Specifications @25°C

- Turns Ratio:  
Pri : Sec = 1CT : 1CT  $\pm 2\%$
- OCL: 350uH Min  
@100KHz, 0.1V, 8mADC Bias
- Insertion Loss(dB Max):  
1-100MHz:-1.0      100-125MHz:-1.2
- Return Loss(dB Min):  
1-30MHz:-18      30-50MHz:-16  
60MHz:-14      60-80MHz:-12  
80-100MHz:-10
- Crosstalk(dB Min):  
0.5-10MHz:-50      30MHz:-40  
50MHz:-35      100MHz:-30
- Common Mode Rejection(dB Min):  
1-100MHz:-30
- Balanced DC line current:  
1000mA Max @57VDC continuous.
- Hipot: 1500Vrms/1.0mA
- Operating Temperature: 0°C~70°C.

|                  |          |                                                                       |            |          |
|------------------|----------|-----------------------------------------------------------------------|------------|----------|
| X.X $\pm 0.30$   |          | SCALE: 2/1                                                            | SHEET: 2/2 | SIZE: A4 |
| X.XX $\pm 0.25$  | UNIT: mm | PART NO: JG95354JF642M                                                |            |          |
| X.XXX $\pm 0.05$ | DR: SEA  | TITLE: RJ45 45° Connector With 100/1000Magnetic For PoE++ Application |            |          |

