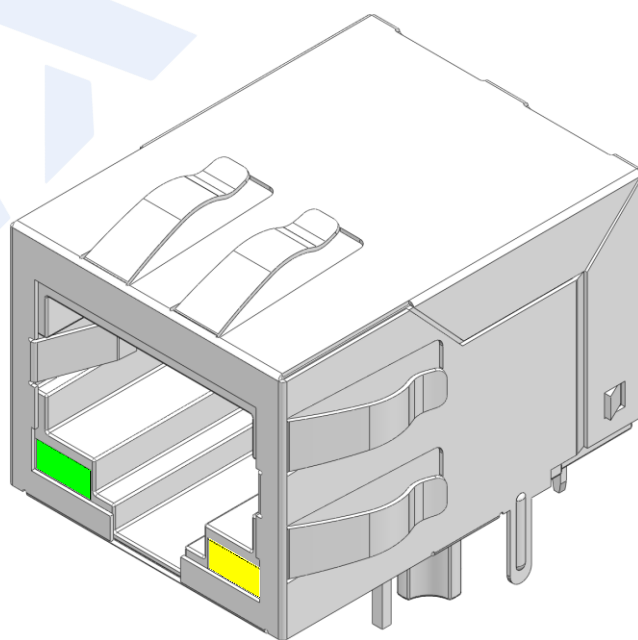


JiAXUN

佳迅智能科技

JX00294AB610M

RJ45连接器规格书



佳迅(惠州)智能科技有限公司

地址:惠州市仲恺高新区陈江街道金湖南路54号

电话:0752-2099791

网址:<https://ada.jiaxunzg.cn>

JiAXUN INTELLIGENT TECHNOLOGY LIMITED

产品外观 PRODUCT APPEARANCE

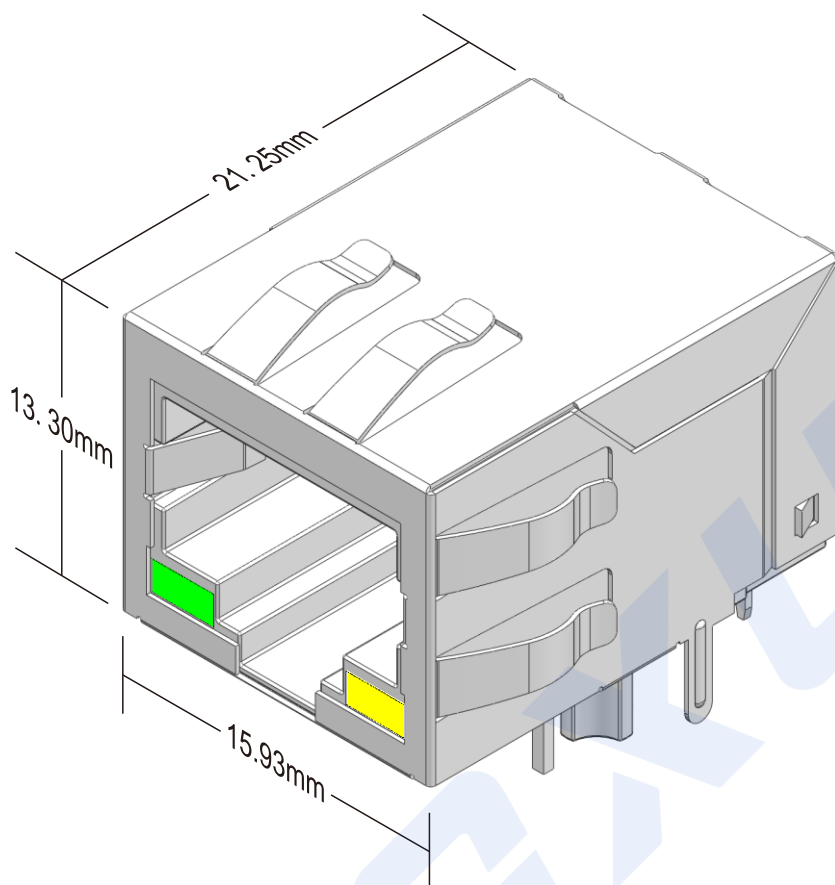


产品型号

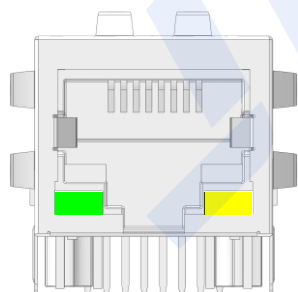
JX00294AB610M

产品系列

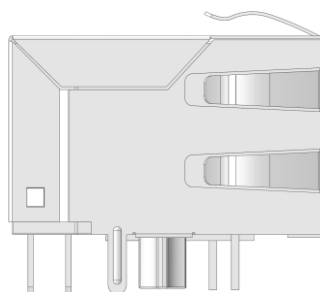
RJ45连接器



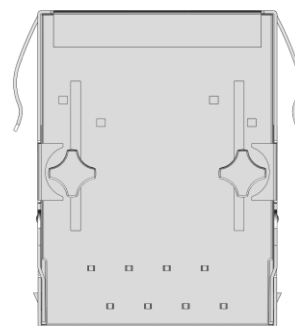
正等轴测视图
Isometric view



正视图
Front view



左视图
Left view



俯视图
Bottom view

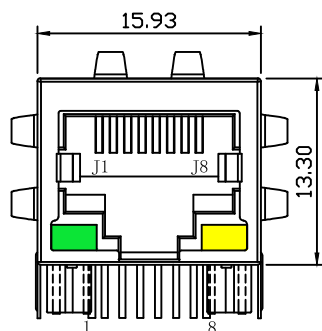
JiAXUN
佳迅智能科技

佳迅(惠州)智能科技有限公司
电话:0752-2099791
地址:惠州市仲恺高新区陈江街道金湖南路54号

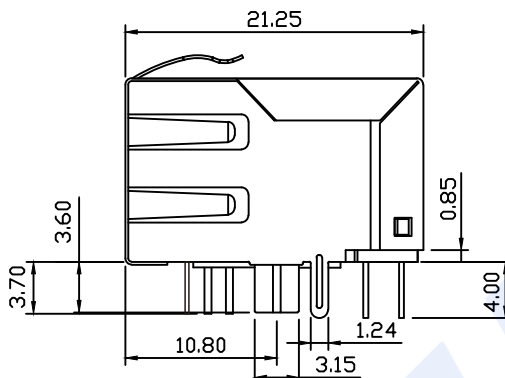
更多规格请访问佳迅官方网站
<https://ada.jiaxunzg.cn>
(右侧二维码扫描即刻进入)



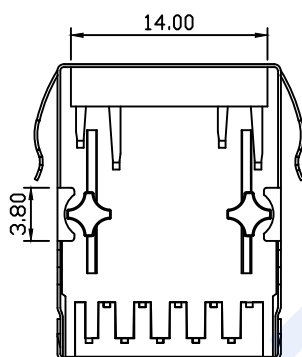
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2022-05-26	



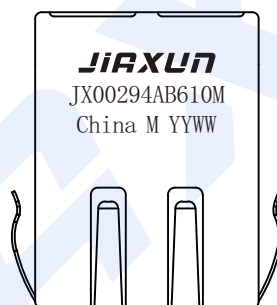
正侧视图
Front side view



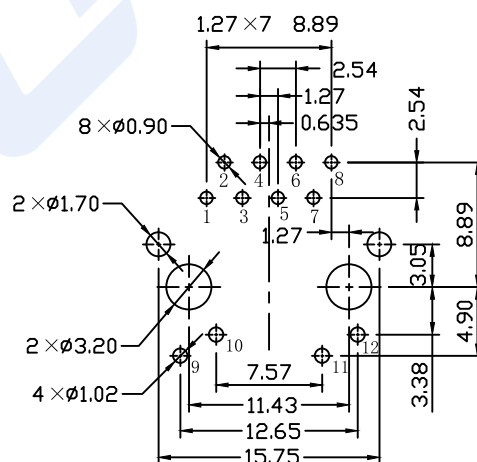
左侧视图
Left side view



俯视图
Bottom side view



俯视图
Top side view



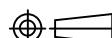
PCB布局建议(俯视图)
Suggested PC Board Layout(TOP View)

NOTES

1. Designed to support application, such as SOHO(ADSL modems), LAN-on-Motherboard(LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Connector Materials:
Housing: Thermoplastic PBT+30%G.F UL94V-0
Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
Pins: Brass C2680R-H Thickness=0.35mm
Shield: SUS 201-1/2H 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 ± 0.25 X.XX ± 0.20 X.XXX ± 0.05

ANGLES ± 1° APPD: CHKD:

DR: SEA UNIT: mm 

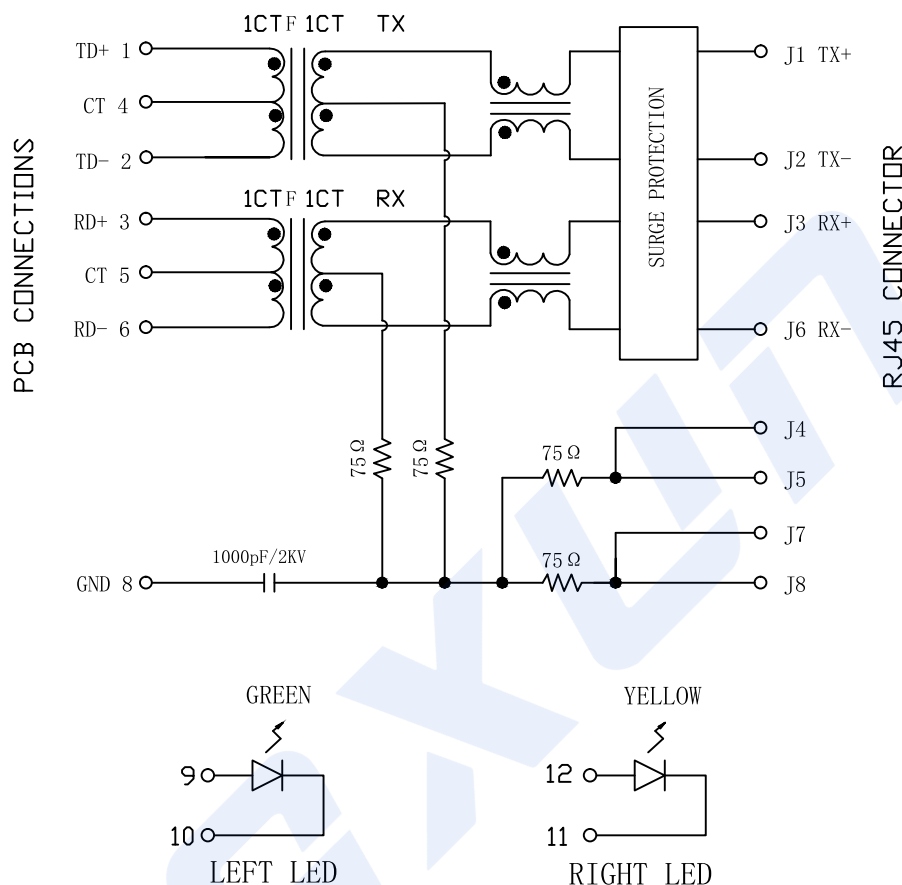
SCALE: 2/1 SHEET: 1/4 REV: A

PART NO: JX00294AB610M

TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2022-05-26	



Emitting Color	λ_p (nm)	V _F @I _F =20mA	I _R @V _R =5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max

NOTES

ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio ($\pm 2\%$): TX=1CT:1CT RX=1CT:1CT
- Inductance OCL: 350uH Min @100KHz 0.1V 8mA DC Bias.
- Insertion Loss: -1.0dB Max @1-100MHz.
- Return Loss: -18dB Min @1-30MHz; -15dB Min @30-60MHz; -12dB Min @60-80MHz; -10dB Min @80-100MHz
- Cross talk: -40dB Min @30MHz; -35dB Min @60MHz; -30dB Min @100MHz.
- Common Mode Rejection: -40dB Min @30MHz; -35dB Min @60MHz; -30dB Min @100MHz.
- Hipot Test: 1500Vrms.
- Operating Temperature Range: 0°C to 70°C.

X.X ± 0.25 X.XX ± 0.20 X.XXX ± 0.05 ANGLES $\pm 1^\circ$ APPD: CHKD:

DR: SEA UNIT: mm

SCALE: 2/1 SHEET: 2/4 REV: A

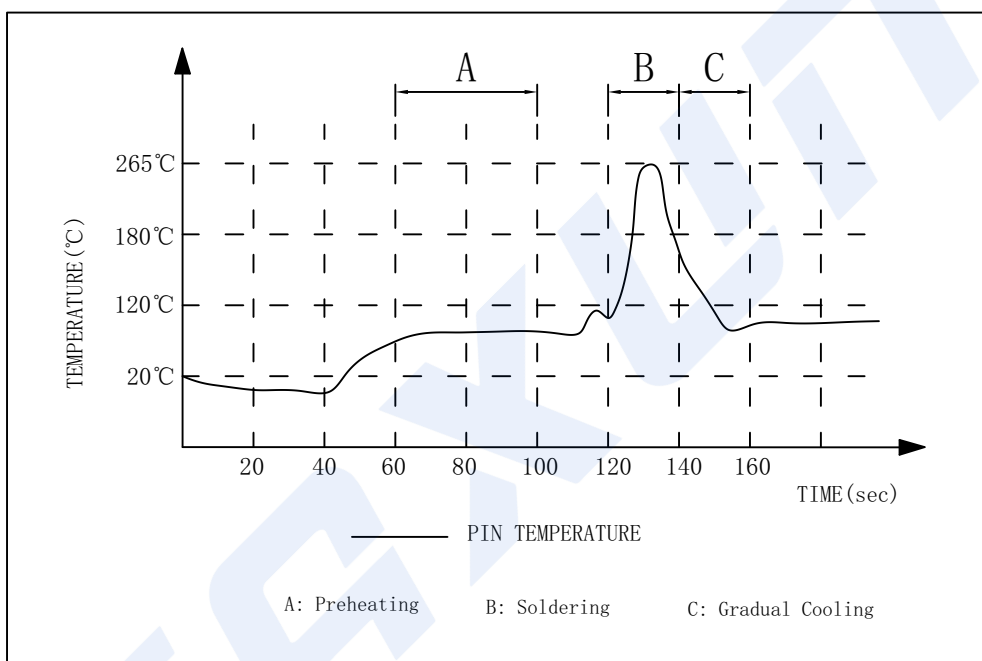
PART NO: JX00294AB610M

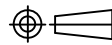
TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2022-05-26	

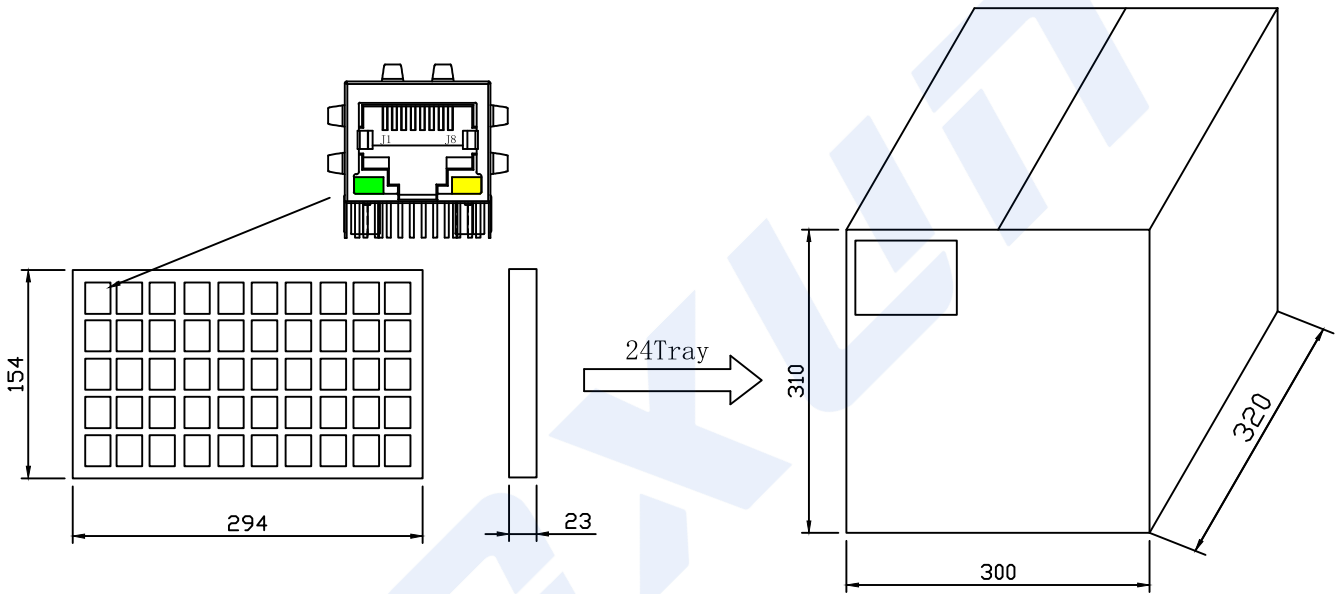
Suggested profile of wave solder for rohs product

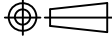


NOTES	X.X ± 0.25	X.XX ± 0.20	X.XXX ± 0.05
(1) Tip Temperature: 265°Cmax (2) Tip Temperature time: 5sec max (3) The melting point of Tin: 219°C REV: A TEMP(°C): 25 HUM(%): 65 RH	ANGLES ± 1°	APPD:	CHKD:
	DR: SEA	UNIT: mm	
	SCALE: 2/1	SHEET: 3/4	REV: A
	PART NO: JX00294AB610M		
	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2022-05-26	



NOTES	X.X ± 0.25	X.XX ± 0.20	X.XXX ± 0.05
1. Packaging unit: 50pcs/tray 2. Packaging material: PVC 3. Outer carton unit: 1200pcs/24tray/box 4. Net Weight: 8.0kg 5. Gross Weight: 10.0kg	ANGLES ± 1°	APPD:	CHKD:
	DR: SEA	UNIT: mm	
	SCALE: 2/1	SHEET: 4/4	REV: A
	PART NO: JX00294AB610M		
	TITLE: 1*1 21.25mm RJ45 Packing		

