

REV.	ECN NO.	MODIFY	MATTER	DATE	APPROVED
A		RELEASE TO PRODUCTION			

NOTES:

RJ45

- Designed to support application, such as SOHO(ADSL modems) LAN-on-Motherboard(LOM), hub and Switches.
- Meets IEEE802.3 specification.
- Connector Material:
 - Housing&Insertion Base: Thermo plastics PBT+30%GF, UL94V-0.
- RJ45 Terminal:
 - Phosphor Bronze C5191. Thickness=0.30mm.
 - Gold plating on RJ45 contact area.
 - Tin Plating 100u" on solder tail area
 - 4.45u" min Ni underplating over all.
- Shell: Spcc .Nickel plating overall.
- Electrical performance:

4-1. Voltage Current Rating	: 1.5 AMP. 30V AC
4-2. Insulation Resistance	: 1000MΩ Min.
4-3. Contact Resistance	: 40 mΩ Max.
4-4. Dielectric Withstanding Voltage	: 500V AC
4-5. Durability: 750 cycles .	
- Operating temperature range : -20℃ to +85℃.
Storage temperature range : 0℃ to +70℃.

USB:

8. MATERIAL:

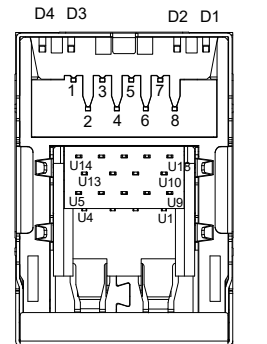
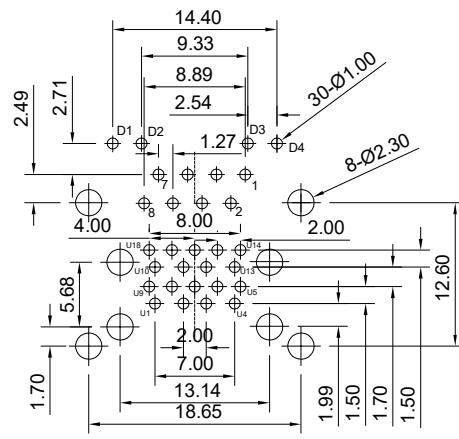
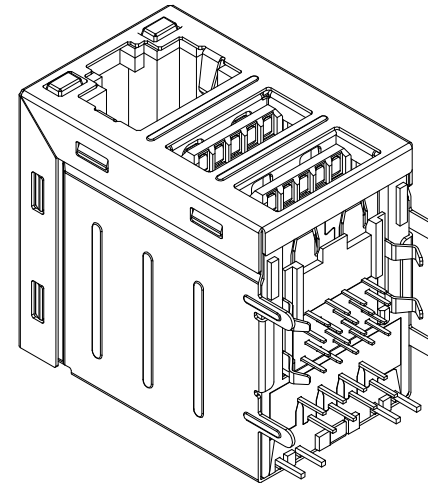
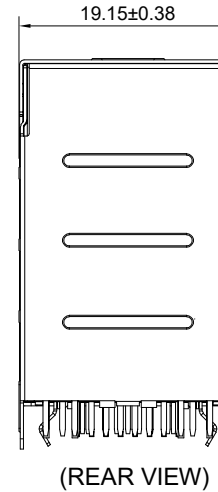
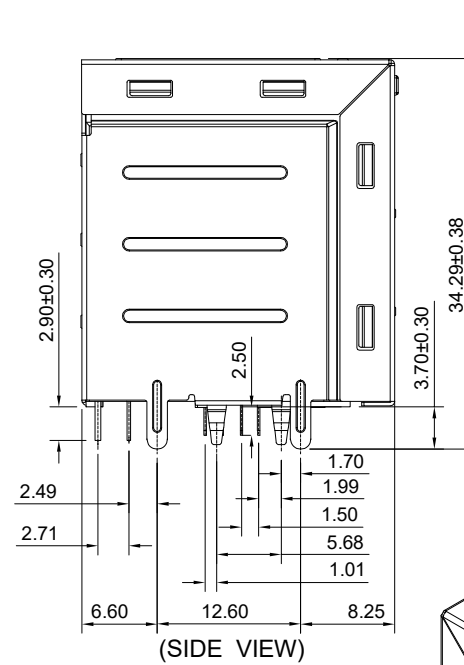
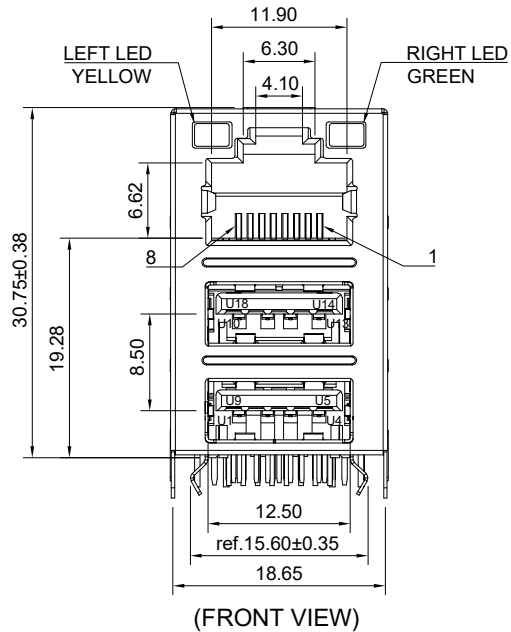
- Housing: PBT UL94V-0 Blue
- Cover: PBT UL94V-0 Blue
- Contact: Copper Alloy
- Shell: SUS201
- Middle Spring: SUS201

9. PLATING:

- Contact: Contact Area Gold Plated
Solder Area Sn(80u"Min) Plated
Under Plated Nickel(40u"Min)
- Shell: Nickel(40u"Min) Plated

10. SPECIFICATION:

- Voltage: 30V RMS
- Withstanding Voltage : 100V AC
- Insulation Resistance : 100 MΩ min.
- Mating And unmating Force : Mating Force: 3.5Kgf(35N)Max.
Unmating Force : 1.0Kgf~3.5Kgf(10N~35N)
- Durability : 1500 Cycles



PRODUCT LOCATION PROFILE

RECOMMENDED P.C.B. PATTERN LAYOUT TOP VIEW (ALL TOLERANCE ARE:0.05mm)

BOTTOM VIEW

TOLERANCES UNLESS OTHERWISE SPECIFIED: X. --- X.X ± 0.38 X.XX ± 0.25 X.XXX ± 0.10 Angle ±1°		COSTOMER COPY		深圳市东方御业科技有限公司 WWW.DFYCONN.COM TEL:0755-27155560		
THESE DRAWING AND SPECIFICATION ARE THE PROPERTY OF Shenzhen Dongfangyue ELECTRONIC CO., LTD.. SHALL NOT BE REPRODUCED.		DRAWN:	CHENLEI	2017/09/10	TITAL: RJ45+ 双层USB3.0 带灯(左黄右绿) 无弹片 (RoHS)	
		CHECKED:	CHENLEI	2017/09/10	PART NO: EAST-RJU32-0006-P	
		APPROVED:	QINKAIXING	2017/09/10	UNIT: mm	
					SHEEL: 1:1	REV.

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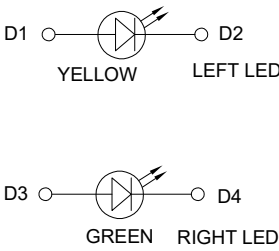
.USB3.0 STANDARD-A CONNECTOR PIN ASSIGNMENTS:

PIN NUMBER	SIGNAL NAME	DESCRIPTION
1 10	VBUS	POWER
2 11	D-	USB2.0 DIFFERENTIAL PAIR
3 12	D+	
4 13	GND	GROUND FOR POWER RETURN
5 14	StdA_SSRX-	SUPERSPEED RECEIVER
6 15	StdA_SSRX+	DIFFERENTIAL PAIR
7 16	GND_DRAIN	GROUND FOR SIGNAL RETURN
8 17	StdA_SSTX-	SUPERSPEED TRANSMITTER
9 18	StdA_SSTX+	DIFFERENTIAL PAIR

.RJ45 CONNECTOR PIN ASSIGNMENTS:

PIN NUMBER	SIGNAL NAME	DESCRIPTION
1	TX_D1 +	TRANCEIVE DATA+ (发信号+)
2	TX_D1 -	TRANCEIVE DATA- (发信号-)
3	RX_D2 +	RECEIVE DATA+ (收信号+)
4	BI_D3 +	BI-DIRECTIONAL DATA+ (双向数据+)
5	BI_D3 -	BI-DIRECTIONAL DATA- (双向数据-)
6	RX_D2 -	RECEIVE DATA- (收信号-)
7	BI_D4 +	BI-DIRECTIONAL DATA+ (双向数据+)
8	BI_D4 -	BI-DIRECTIONAL DATA- (双向数据-)

.LED SPECIFICATION:



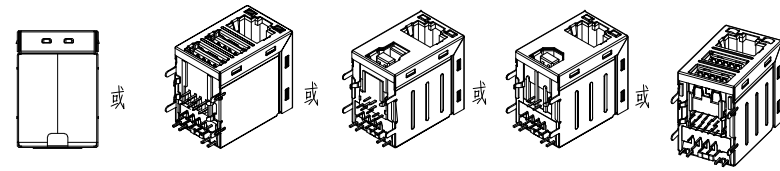
LED Color	λ P(nm)	VF @IF=20mA	IR @VR=5V
GREEN	565	1.8~2.4 V	10 uA max
YELLOW	585	1.8~2.4 V	10 uA max

EAST-RJU32-0006-P

LED STYLE(LED 颜色类型):
4-L LED:GREEN/ORANGE, R LED:GRENN(左绿橙, 右绿)
5-L LED:GREEN, R LED:YELLOW(左绿右黄)
6-L LED:YELLOW, R LED:GREEN(左黄右绿)
7-L LED:YELLOW, R LED:ORANGE/GREEN(左黄, 右橙/绿)
8-L LED:YELLOW, R LED:GREEN/ORANGE(左黄, 右绿/橙)

TOLERANCES UNLESS OTHERWISE SPECIFIED: X. --- X.X ± 0.38 X.XX ± 0.25 X.XXX ± 0.10 Angle ±1°	COSTOMER COPY DRAWN: CHENLEI CHECKED: CHENLEI APPROVED: QINKAIXING	深圳市东方御业科技有限公司 WWW.DFYCONN.COM TEL:0755-27155560 2017/09/10 2017/09/10 2017/09/10	TITAL: RJ45+ 双层USB3.0带灯(左黄右绿) 无弹片 (RoHS) PART NO: EAST-RJU32-0006-P UNIT: mm SCALE: N/A SHEEL: 1:1 REV.
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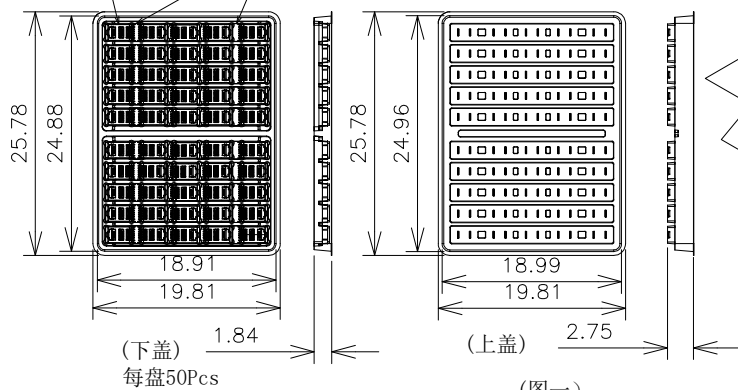
上下盖扣合后四周用订书钉订好

C 包装

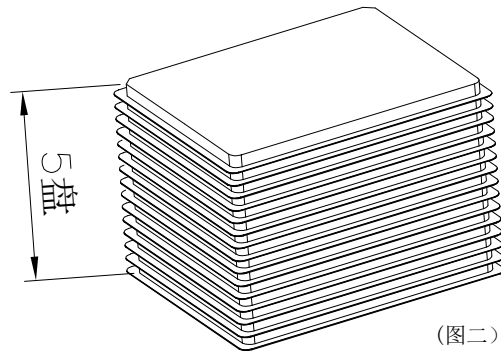
- 1.数量: 1盘=50PCS,
一箱10盘=500Pcs
- 2.每盘在右上角贴标签(按客户需求),每5盘为一叠,一箱2叠;
- 3.包材脏污破损不可使用,包装过程中注意不可碰伤刮伤产品;
- 4.外箱字材质为K=K,要求破裂强度为16Kg;
- 5.纸箱尺寸: 45.5cm*31.0cm*17.5cm ;

两侧外围加宽间隙用于缓冲外部撞击

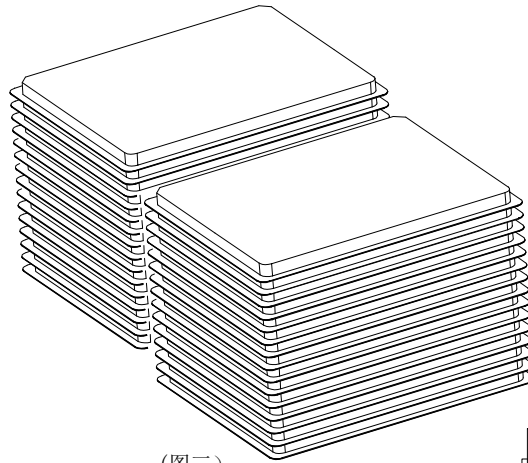
REAR面向上



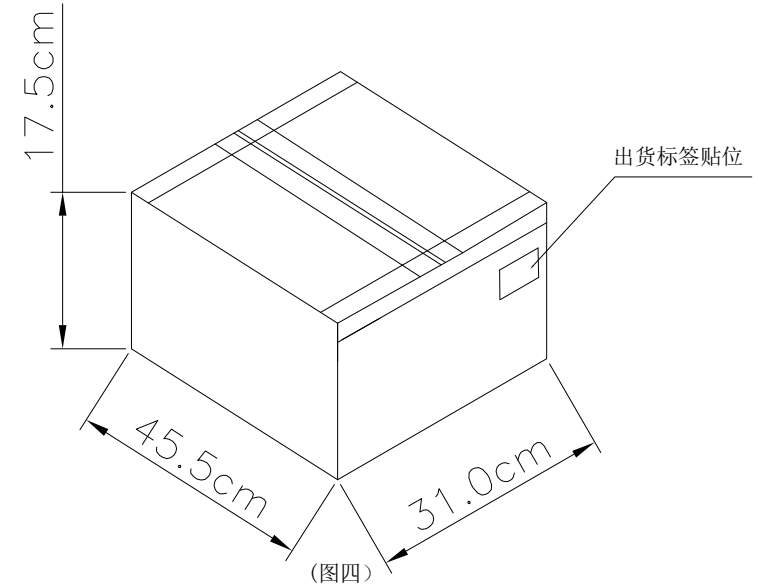
(图一)



(图二)



(图三)



(图四)

此包规适用于东方御业科技公司所有RJ45产品 F 系列所有产品:
RJ45+双层USB、RJ45+B母、RJ45+USB+TYPE C 系列

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		CHECKED: CHENLEI		2017/09/10		PART NO: EAST-RJU32-XXXX-X	
		APPROVED: QINKAIXING		2017/09/10		UNIT: mm	
						SCALE: N/A	
						SHEEL: 1:1	
						REV.	