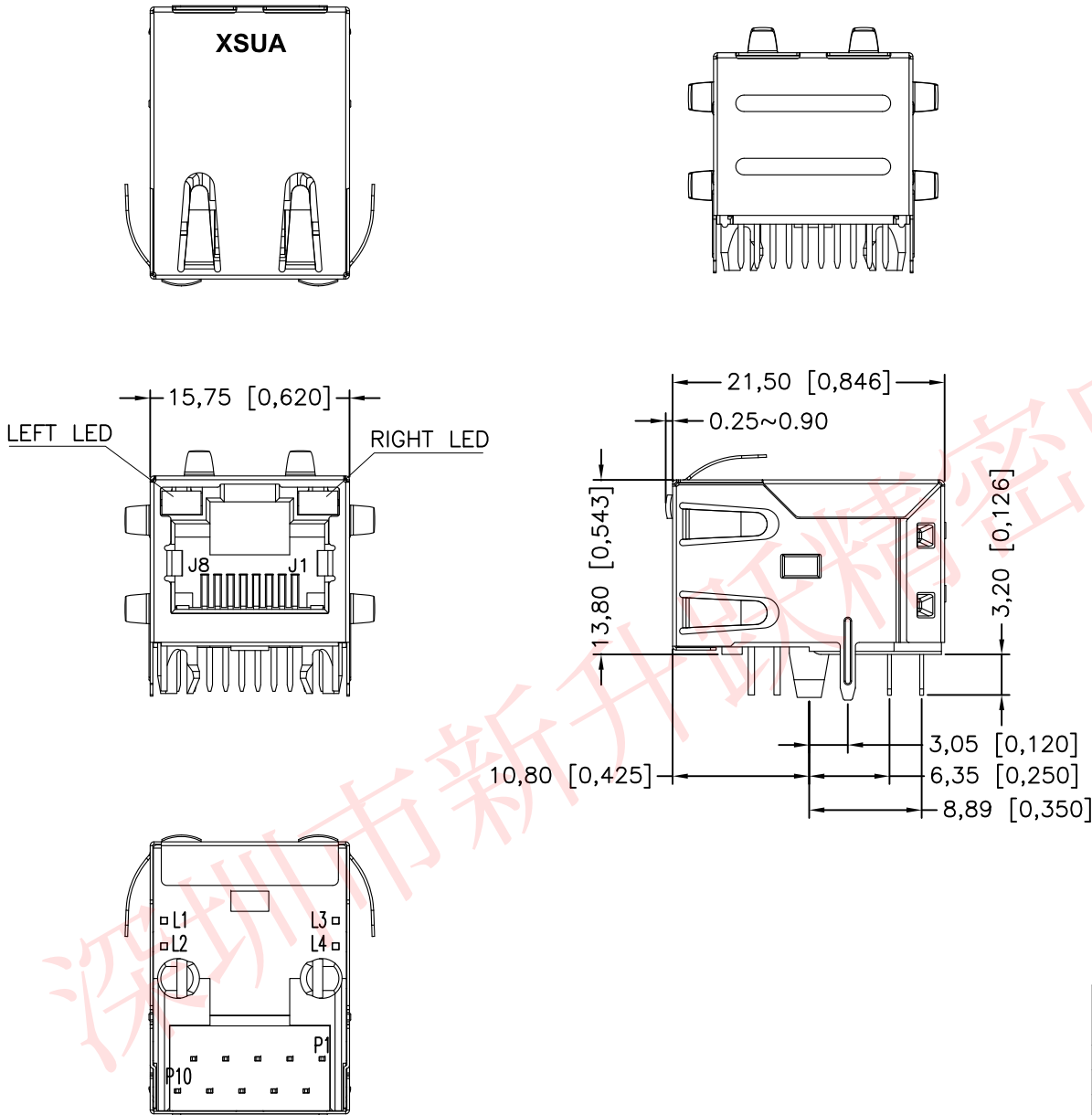


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	NEW DRAWING	2026.06.10	Janus



1. MATERIAL
 - HOUSING : THERMOPLASTIC, UL 94V-0, PA6T, BLACK,HSF
 - RJ CONTACTS : PHOSPHOR BRONZE
PLATING : SELECT GOLD ON CONTACT AREA,
100U" MIN TIN PLATING ON SOLDER TAILS,
30U"MIN NICKEL OVERALL
 - SOLDER TAIL TERMINAL : BRASS, C2680R-EH
PLATING : 100U" MIN TIN , 30U"MIN NICKEL OVERALL
 - SHIELD : STAINLESS, THICKNESS=0.2MM, NICKEL OVERALL
2. RJ45 SPECIFICATIONS
 - INSULATION RESISTANCE : 500 MOHMS MIN
 - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
 - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
 - DURABILITY :750 CYCLES
3. OPERATING AND STORAGE TEMPERATURE
 - OPERATING TEMPERATURE : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C
4. TEMPERATURE CONDITION OF WAVE SOLDERING:
 - 265±3°C/10±1S

P/N: 102016-220421

02:RJ45

SERIES NO.1,2,3...
LED COLOR:SEE TABLE

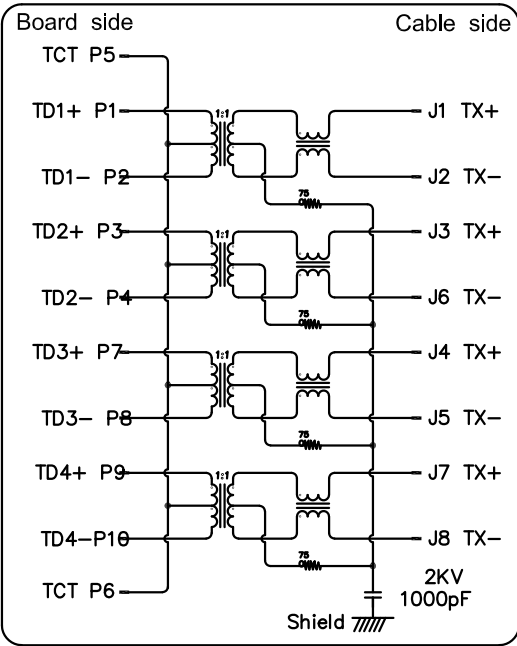
CONTACT PLATED
4: 6u" AU
TAIL SOLDER PLATED
0: SN

SERIES NUMBER
XX: 001~999

PACKAGING:2:TRAY
MAGNETIC:2:1000BASE-T

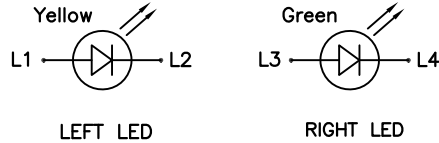
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X ±0.30	X.* ±10°	PART NO.		TITLE: RJ45 1X1 1000M Tab Up 有灯带弹长21.5			
.XX ±0.20	.X* ± 8°						
.XXX ±0.10	.XX* ± 5°						
UNITS	mm	DESIGN: Arvin		DRAWG NO. C-102016			
MATERILA		CHED:					
FINISH		APPD:					
							
				SCALE	SHEET	REV.	
				1:1	1/3	A	

SCHEMATIC:



ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
- 1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
- 1~40 MHz -18dB MIN
- 40~100 MHz -12+20LOG(f/80MHz)dB MIN
- COMMON MODE REJECTION
- 1~100 MHz -30dB MIN
- CROSS TALK
- 1~100 MHz -30dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
- (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN
- HI-POT TEST
- PCB SIDE TO CABLE SIDE : 2250VDC 60S
- URNS RATION 100KHz
- (P1-P2) : (J1-J2) = 1:1 ±3%
- (P3-P4) : (J3-J6) = 1:1 ±3%
- (P7-P8) : (J4-J5) = 1:1 ±3%
- (P9-P10) : (J7-J8) = 1:1 ±3%

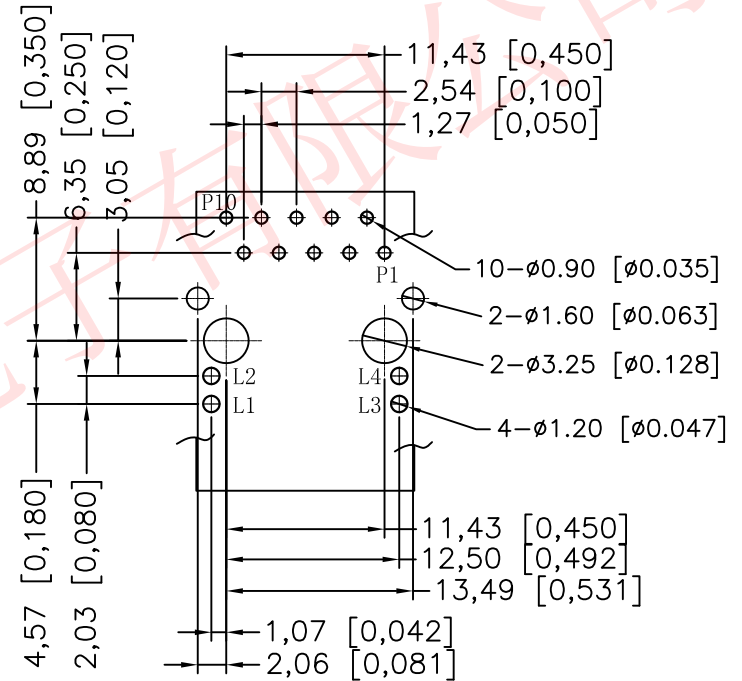


Emitting Color	λp (nm)	Vf @If=20mA	Ir @Vr=5V
Green	568	1.7V~2.6V	10μA max.
Yellow	588	1.7V~2.6V	10μA max.

LED COLOR P/N TABLE

LED ITEM	Left	Right
0	Non	Non
1	Green	Yellow
2	Yellow	Green
3	Green/Yellow	Green/Yellow
4	Green/Orange	Green/Orange
5	Green	Green/Yellow
6	Green	Green/Orange
7	Green/Yellow	Yellow/Green

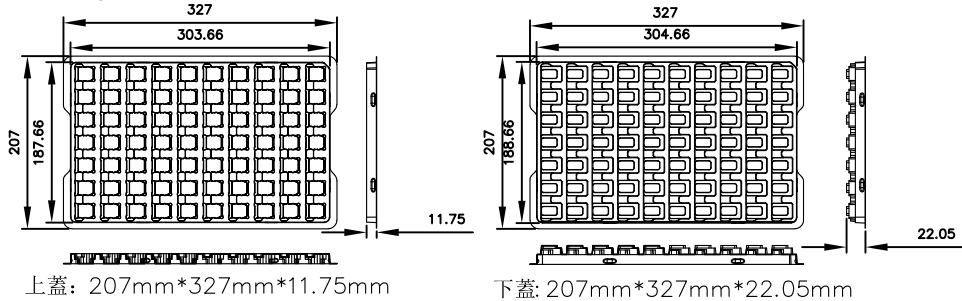
PCB LAYOUT & LED ILLUSTRATE:



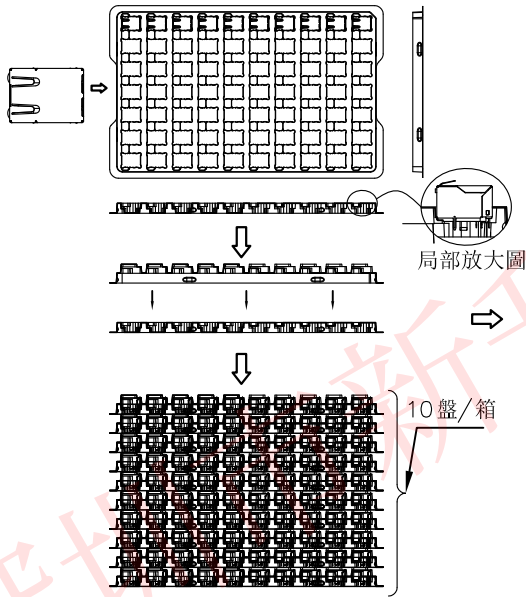
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)
TOLERANCE:±0.05[0.002]

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X ±0.30	X.* ±10°	PART NO.	TITLE: RJ45 1X1 1000M Tab Up 有灯带弹长21.5			
.XX ±0.20	.X.* ± 8°	DESIGN: Arvin	DRAWG NO. C-102016			
.XXX ±0.10	.XX.* ± 5°					
UNITS	mm	CHED:		SCALE	SHEET	REV.
MATERILA		APPD:		1:1	2/3	A
FINISH						

一.Tray 盤尺寸



二. 包裝流程



三. 包裝材料

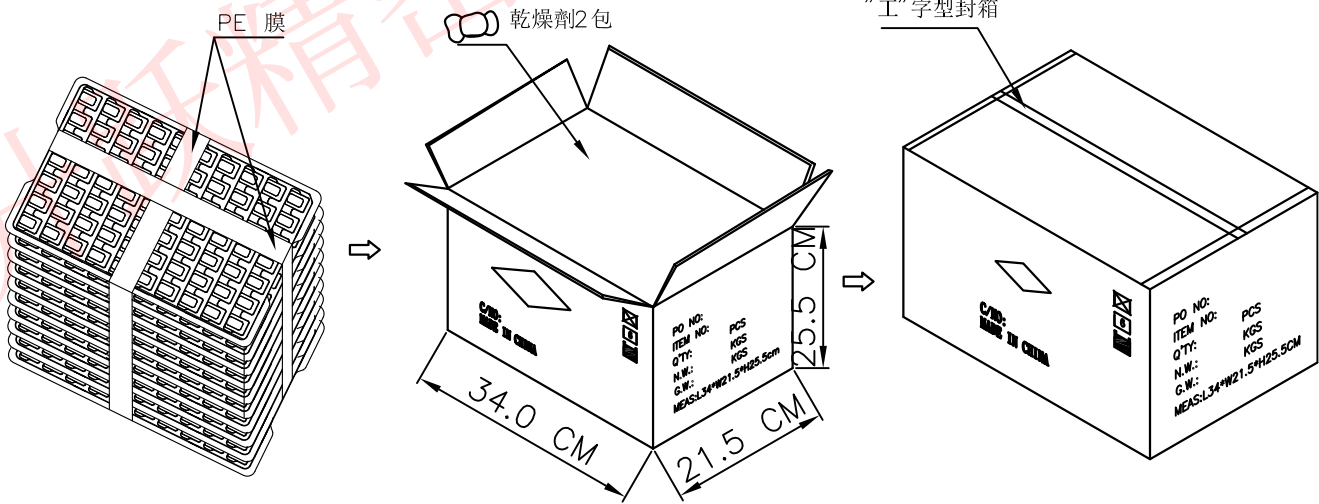
名稱	包裝規格
吸塑盤上蓋	327X207X11.75mm
吸塑盤下蓋	327X207X22.05mm
外箱	340X215X255mm

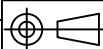
四. 包裝數量

pcs/盤	pcs/箱	箱/層
70	700	(15)

五. 包裝适用料号

產品料號	N.W.	G.W.
91U系列	依實重	依實重



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X	±0.30	X.*	±10°	PART NO.	TITLE: RJ45 1X1 1000M Tab Up 有灯带弹长21.5	
.XX	±0.20	.X.*	± 8°		DRAWG NO. C-102016	
.XXX	±0.10	.XX.*	± 5°			
UNITS		mm		DESIGN: Arvin	 SCALE 1:1 SHEET 3/3 REV. A	
MATERILA				CHED:		
FINISH				APPD:		