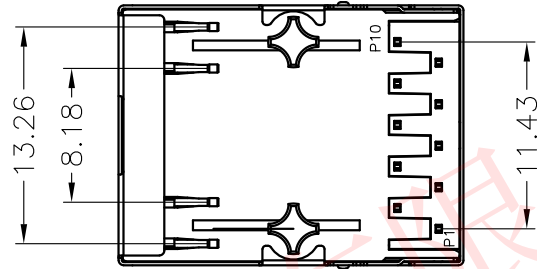
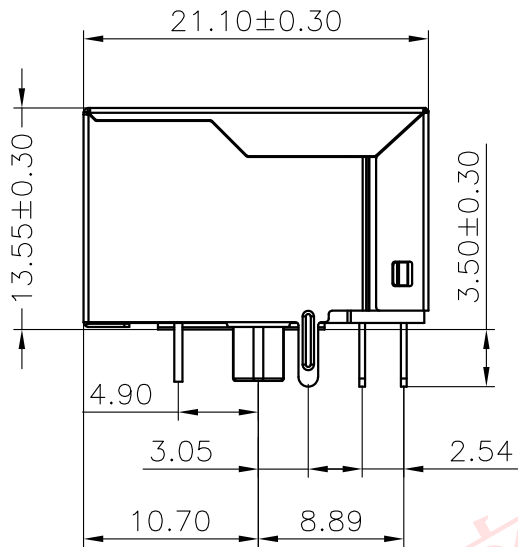
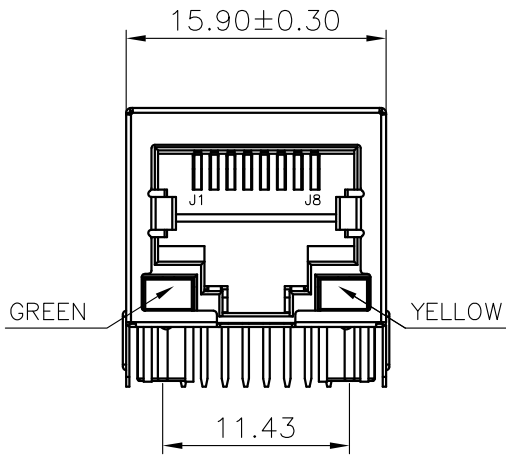
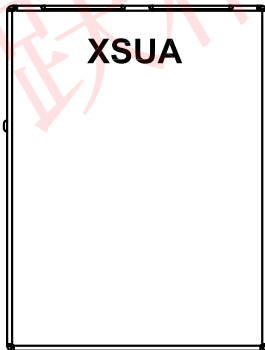
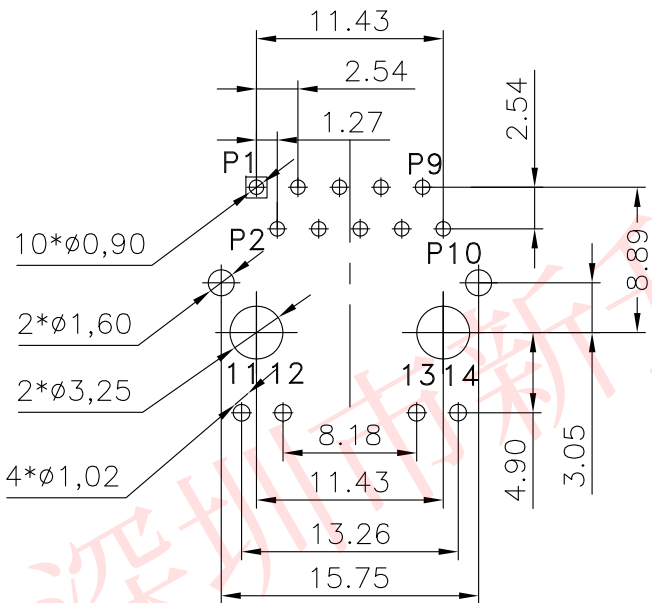


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	NEW DRAWING	2026.06.10	Janus



Connect Material:

- 1.Housing: Thermoplastic, PBT,UL94V-0, Color: Black;
- 2.Insert: Thermoplastic, PBT,UL 94V-0, Color: Black;
- 3.Shield: Brass T=0.2mm, 20u" Min Nickel Overall Plated;
- 4.Input Terminal: Brass T=0.35mm, 40u" Min Ni Under Plated Overall,80u" Min Tin On Solder Area;
- 5.RJ45 Terminal: Phosphor Bronze T=0.35mm, 40u" Min Ni Under Plated Overall, 50u" Min Tin On Solder Area; Selective 6u" Gold Plated On Contact Area;



TOP VIEW

P/N: 102011-220411

02:RJ45

SERIES NO.1,2,3...

LED COLOR:SEE TABLE

CONTACT PLATED

4: 6U" AU

TAIL SOLDER PLATED

0: SN

PACKAGING:2:TRAY

MAGNETIC:2:1000BASE-T

RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)
COMPONENT SIDE VIEW(TOLERANCE: ±0.05mm)

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: RJ45-1000BASE 1X1 TAB-DOWN W/LED W/SHIELD		
.XX ±0.20	.X* ± 8°		DRAWG NO. C-102011		
.XXX ±0.10	.XX* ± 5°				
UNITS	mm	DESIGN: Arvin			
MATERILA		CHED:			
FINISH		APPD:			
			SCALE 1:1	SHEET 1/2	REV. A

ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-5%): 1CT:1CT
- 2.Inductance OCL: 350uH Min @100KHz/0.1V/ 8mA DC Bias
- 3.Insertion Loss:

-1.1dB Max 1-100MHz
- 4.Return Loss:

-18dB Min 1-30MHz 100Ω

-15dB Min 30-60MHz 100Ω

-12dB Min 60-80MHz 100Ω

-10dB Min 80-100MHz 100Ω
- 5.Cross talk:

-35dB Min 1-10MHz

-26dB Min 15-60MHz

-24dB Min 60-100MHz
- 6.Common Mode Rejection:

-30dB Min 1-100MHz
- 7.Hipot Test:

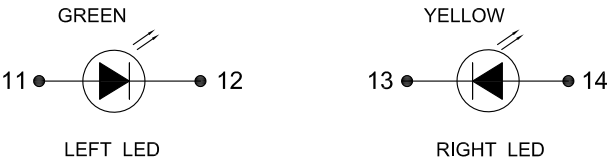
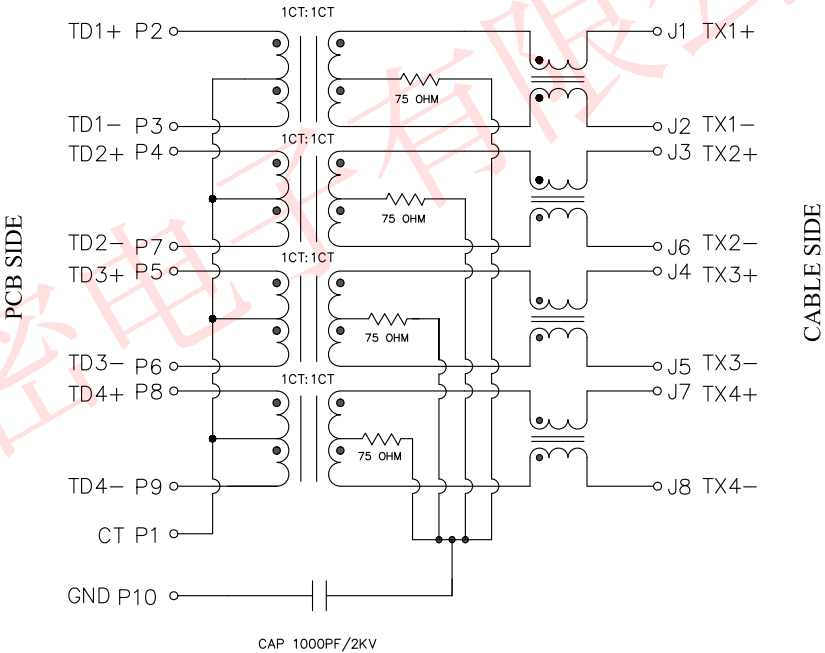
2250VDC 3S 1mA Max
- 8.Operating Temperature Range: -40°C ~ +85°C
- 9.RJ45 Meets IEEE 802.3 Standards.
- 10.RJ45 Cavities Conform To FCC Rules And Regulation

Part 68 Subpart F.
- 11.LED Specification:

Emitting Color	λd (nm)typ	Vf@If=20mA	Ir@Vr =5V
GREEN	565nm	1.8-2.4V	10uA Max
YELLOW	585nm	1.8-2.4V	10uA 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

SCHEMATICS



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: RJ45-1000BASE 1X1 TAB-DOWN W/LED W/SHIELD			
.XX ±0.20	.X.* ± 8°		DRAWG NO. C-102011			
.XXX ±0.10	.XX.* ± 5°					
UNITS	mm	DESIGN: Arvin		SCALE	SHEET	REV.
MATERILA		CHED:		1:1	1/2	A
FINISH		APPD:				