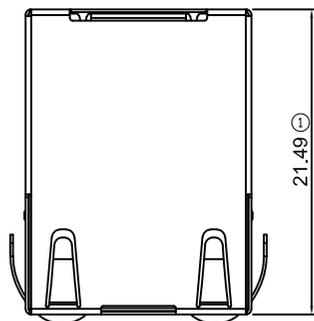
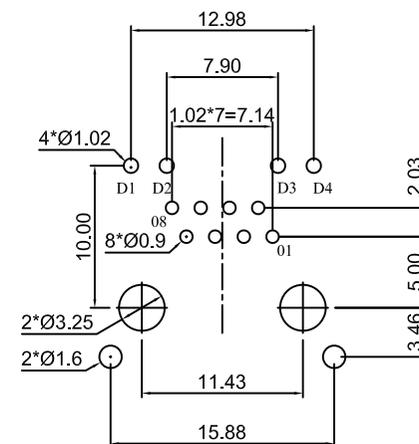
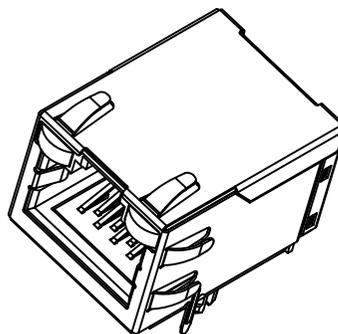


REV.	ECN.NO.	NAME	DATE
A	NEW	JY Lee	2022.9.20

1. MECHANICAL DIMENSIONS :



2. PCB LAYOUT :

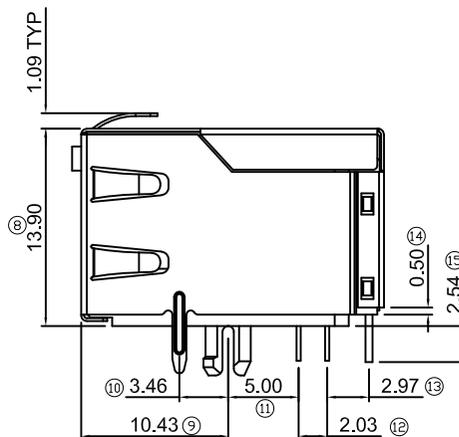
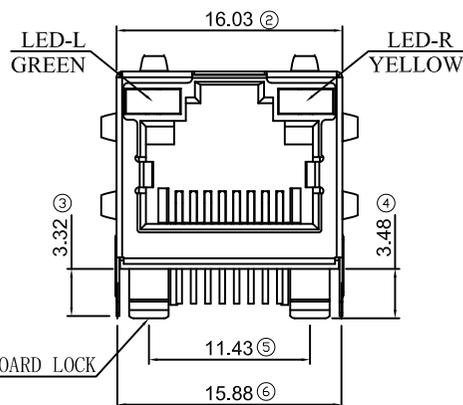


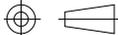
**SUGGESTED PCB LAYOUT
(TOP VIEW)**

NOTES:

- MECHANICAL:**
- HOUSING: LCP UL94V-0,BLAK
 - SHIELD: COPPER ALLOY WITH NICKEL PLATED(C2680), THICKNESS=0.20mm NICKEL 30u" MIN.
 - CONTACT: PHOSPHOR BRONZE ,THICKNESS=0.30mm PLATED NICKEL 30u" MIN. 100u" MIN. MATTE TIN, GOLD PLATED ON CONTACT AREA 6u".
 - SOLDERING TERMINAL: BRASS=0.30mm PLATED NICKEL 30u" MIN. **PLATED** 100u"MIN. MATTE TIN.
- ENVIRONMENTAL:**
- STORAGE: -40°~+85°
 - OPERATION: -40°~+85°

MATES WITH MODULAR PLUG CONFORMING TO TIA-1096 ST ANDARD.
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE: 260° FOR 10SECOND.



TOLERANCE UNSPECIFIED . ±0.50 .0 ±0.38 .00 ±0.25 .00 ±0.10 ANGLE ±3.0° MANUFACTURING COPY		 a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: JU112143DLF1		REV: A	
CHECKED BY: Bob		SIZE: A1		UNIT: mm	
APPROVED BY: QPF		PROJECTION		SHEET: 2 OF 2	
For technical support, please send an email to support@vitalconn.com				http://www.vitalconn.com	

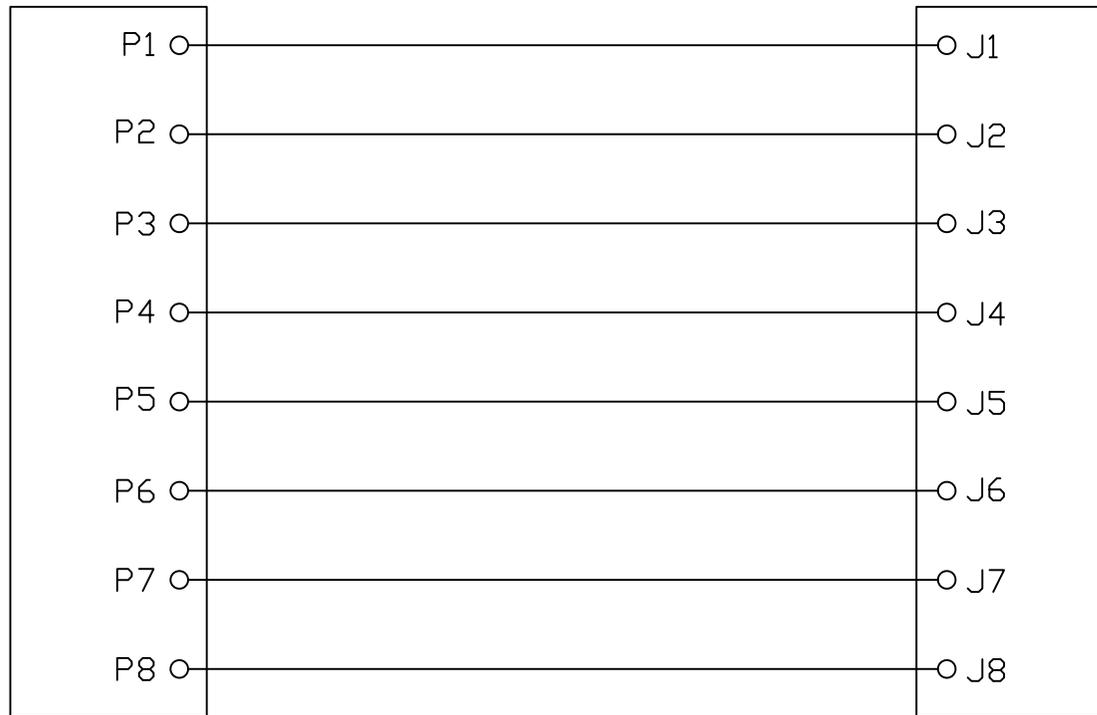
For technical support, please send an email to support@vitalconn.com

REV.	ECN.NO.	NAME	DATE
A	NEW	JY Lee	2022.9.20

3. SCHEMATIC:

CONNECTOR SOLDER SIDE

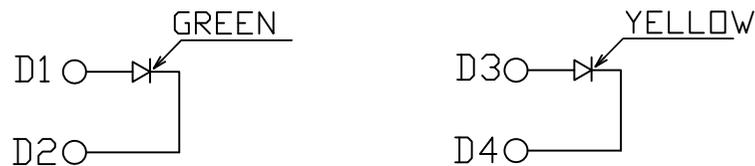
RJ45 CONTACT SIDE



- ELECTRICAL:**
1. VOLTAGE RATING: 125VAC.
 2. CURRENT RATING: 1.25 AMP.
 3. INSULATION RESISTANCE: 500 MEGAOHMS MIN.
 4. DIELECTRIC STRENGTH: 1000V AC RMS 60Hz, 1 MIN.
 5. CATEGORY 6A CHARACTERISTIC:

FREQUENCY MHz	NEAR-END CROSS TALK dB, Min.	RETURN LOSS dB, Min.	INSERTION LOSS dB, Max.
1.0	75.0	30.0	0.10
4.0	75.0	30.0	0.10
8.0	75.0	30.0	0.10
10.0	74.0	30.0	0.10
16.0	69.9	30.0	0.10
20.0	68.0	30.0	0.10
25.0	66.0	30.0	0.10
31.25	64.1	30.0	0.11
62.5	58.1	30.0	0.16
100.0	54.0	28.0	0.20
200.0	48.0	22.0	0.28
250.0	46.0	20.0	0.32
300.0	42.9	18.5	0.35
400.0	37.9	16.0	0.40
500.0	34.0	14.0	0.45

4. LED CONFIGURATION :



TOLERANCE UNSPECIFIED . ±0.50 .0 ±0.38 .00 ±0.25 .00 ±0.10 ANGLE ±3.0° MANUFACTURING COPY		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: JU112143DLF1		REV:A	
CHECKED BY: Bob		SIZE: A1		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:2 OF 2	
For technical support, please send an email to support@vitalconn.com		http://www.vitalconn.com		FCN: F1	

For technical support, please send an email to support@vitalconn.com