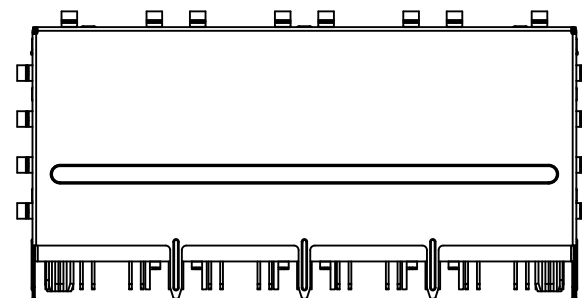
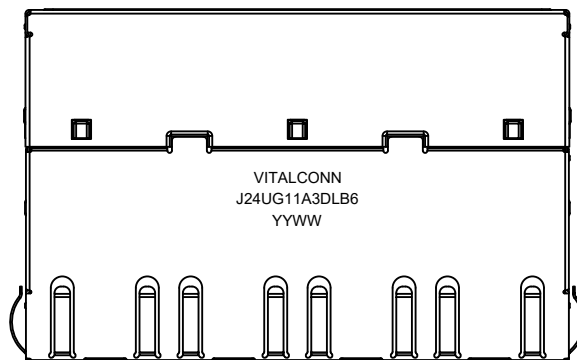
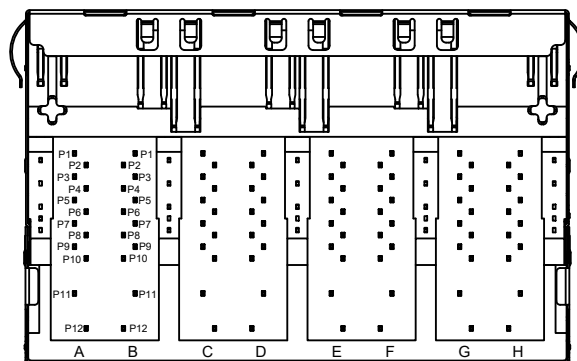
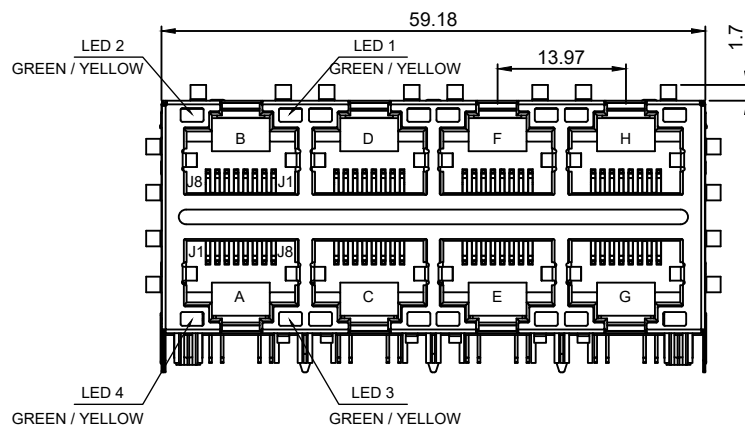




MECHANICAL DIMENSIONS :



BACK VIEW



TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY

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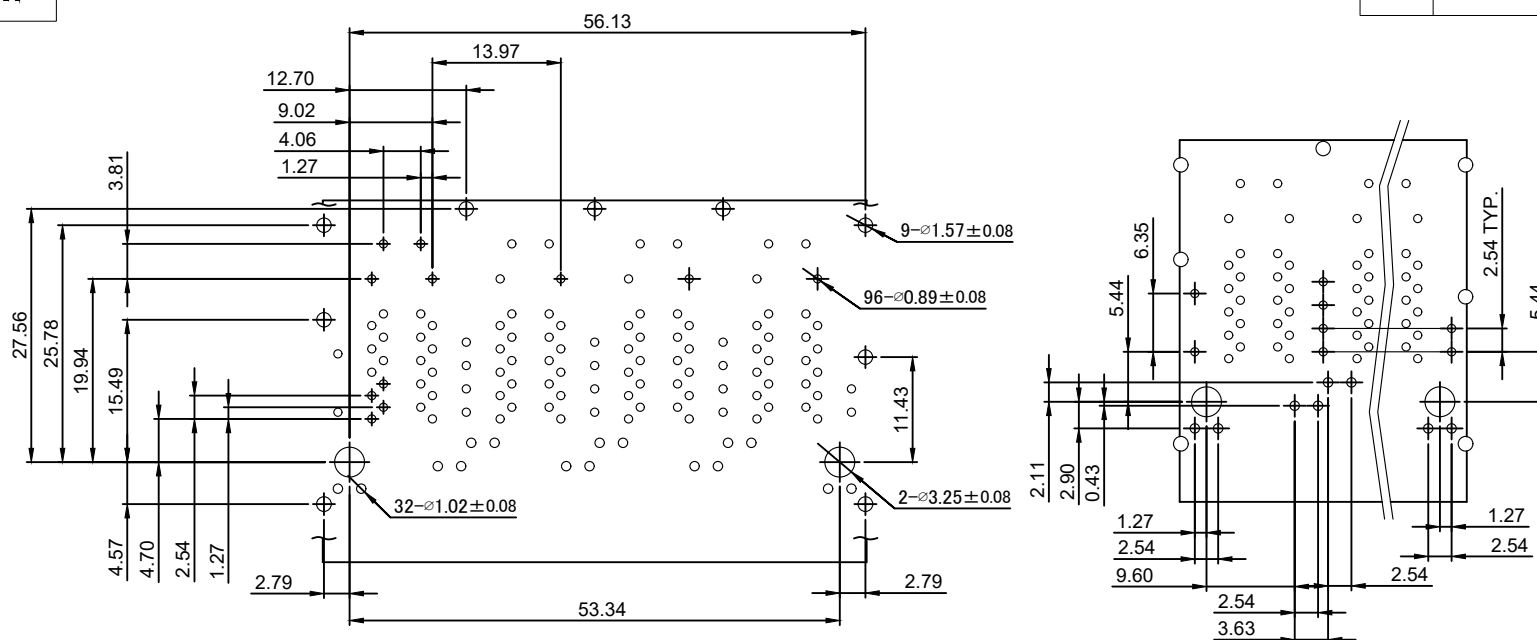
TITLE: RJ45 2X4 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J24UG11A3DLB6	SHEET:	1 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00221	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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

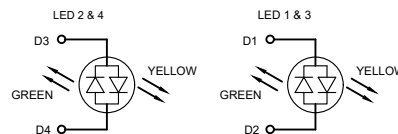
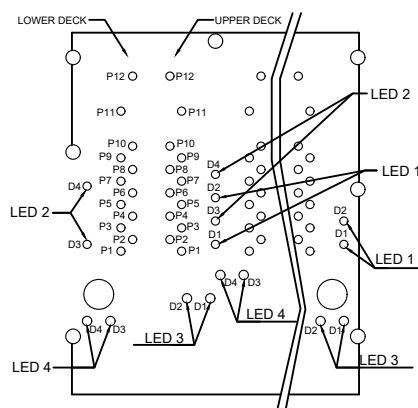


REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)

PIN-OUT INFORMATION(COMPONENT SIDE VIEW):



LED 1 & 3 POLARITY			LED 2 & 4 POLARITY		
D4 & D2	D3 & D1	COLOR	D4 & D2	D3 & D1	COLOR
+	-	GREEN	+	-	GREEN
-	+	YELLOW	-	+	YELLOW

LED ELECTRICAL / OPTICAL CHARACTERISTICS:			
COLOR	IF	VF(FORWARD VOLTAGE)	λD DOMINANT WAVELENGTH
GREEN	20mA	2.2 V	565nm
YELLOW	20mA	2.1 V	590nm

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
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TITLE: RJ45 2X4 10/100/1000BASE-T POE PLUS

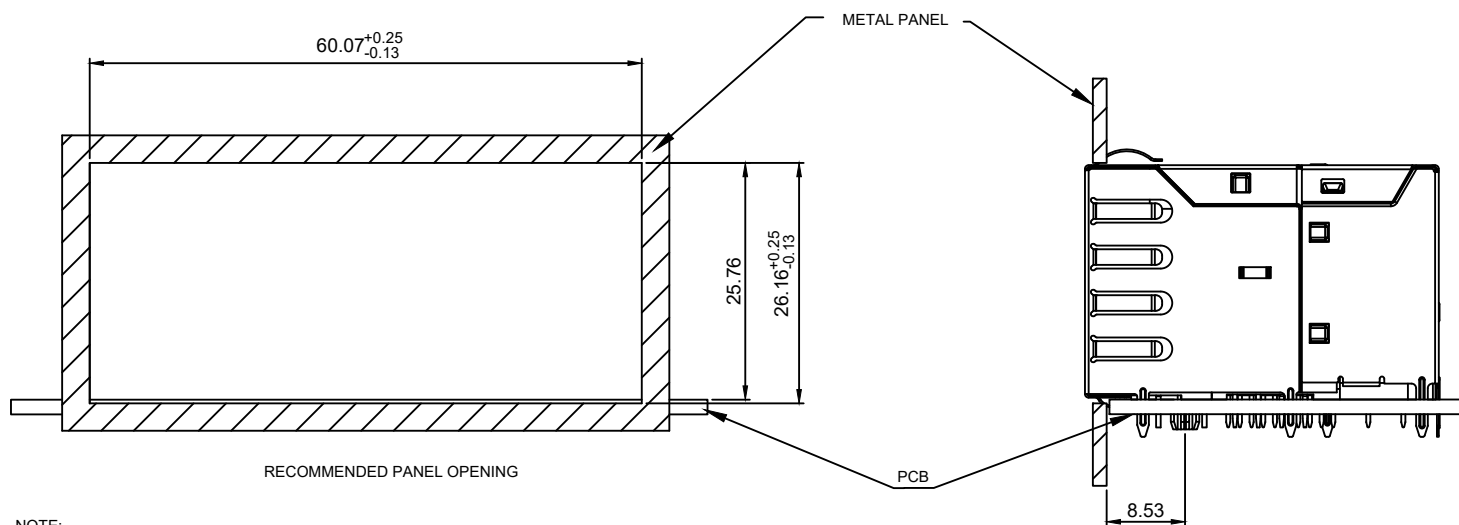
DRAWN BY:	Zou Long	PART NO:	J24UG11A3DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00221	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY



FOR YOUR
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TITLE: RJ45 2X4 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J24UG11A3DLB6	SHEET:	3 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00221	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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A0	-----	-----	08-08-2026

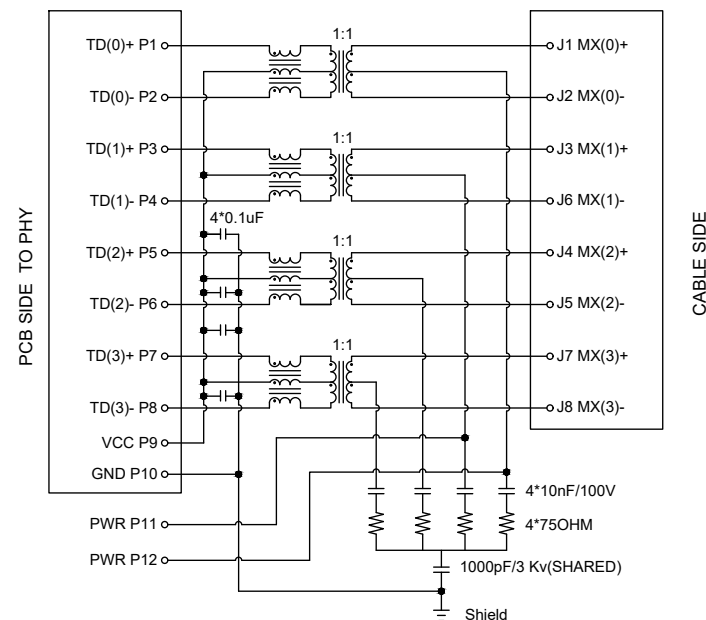
SPECIFICATIONS:

1. COMPLIES WITH IEEE STANDARDS AND ALL 10/100M ETHERNET SPECIFICATIONS INCLUDING 350UH WITH 8MA DC BIAS
2. INTER GRATED MAG-MODULAR DESIGN PROVIDES HIGHER RELIABILITY AND CONSERVES MINIMIZING PCB SPACE
3. HOUSING : THERMOPLASTIC LCP BLACK, UL94 V0 RATED
4. RJ45 CONTACT : PHOSPHOR BRONZE C5210,THICKNESS=0.35MM PLATED NICKEL 6U" MIN, GOLD PLATED ON CONTENT AREA 30U" MIN
5. INPUT TERMINAL : BRASS C2680, THICKNESS=0.35MM FINISH : 120U"MIN TIN OVER 50U" MIN NICKEL
6. METAL SHIELDING : COPPER ALLOY WITH NICKEL PLATED (C2680) THICKNESS=0.20MM NICKEL 30U" MIN
7. DIFFERENT COLOR OF LEDS OPTION AVAILABLE
8. OPERATING TEMPERATURE : -40°C TO +85°C
9. STORAGE TEMPERATURE : -40°C TO +85°C

ELECTRICAL SPECIFICATIONS (25°C±5°C) :

1. TR:(100KHz,0.1V);
PINS:(P1-P2):(J1-J2)=1:1±3%
PINS:(P3-P4):(J3-J6)=1:1±3%
PINS:(P5-P6):(J4-J5)=1:1±3%
PINS:(P7-P8):(J7-J8)=1:1±3%
- 2.LX:(100KHz,100mV,11mA, DC Bias)
PINS: (P1,P2),(P3,P4)=350uH MINIMUM
PINS: (P5,P6),(P7,P8)=350uH MINIMUM
- 3.HIPOT:
PCB SIDE TO CABLE SIDE=1500VAC FOR 60 SECONDS
- 4.INSERTION LOSS:
-1.1dB MAXIMUM AT 1MHz TO 100MHz;
- 5.RETURN LOSS(Load:100 ohms):
-16dB MINIMUM AT 1MHz TO 40MHz
-10+20LOG(F/80)dB MINIMUM AT 40MHz TO 100MHz
- 6.CROSS TALK:
-35dB MINIMUM AT 1MHz TO 40MHz
-33+20Log(F/50)dB MINIMUM AT 40MHz TO 100MHz
- 7.COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
8. ACCORDING TO IEEE802.3-2012 FOR PSE (30WATT , 720mA) APPLICATIONS

SCHEMATIC:



TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY

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TITLE: RJ45 2X4 10/100/1000BASE-T POE PLUS

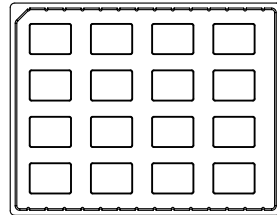
DRAWN BY:	Zou Long	PART NO:	J24UG11A3DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00221	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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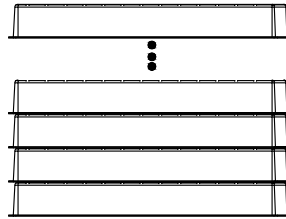


REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026

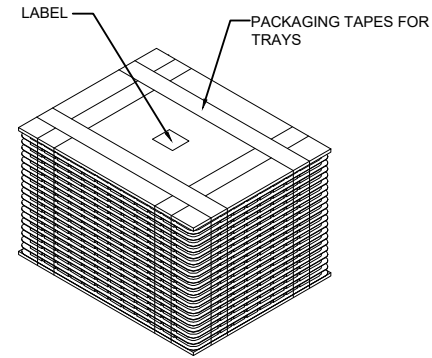
PACKAGE INFORMATION AND LABEL



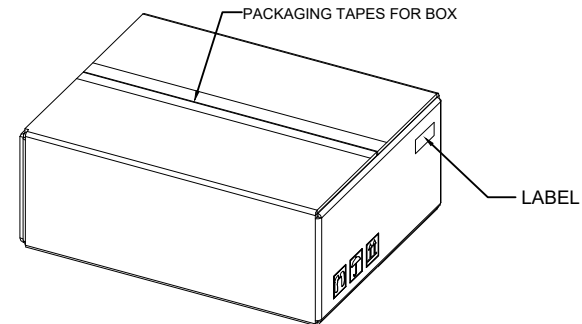
1、 16 PCS PRODUCTS IN TRAYS



2、 5 PCS TRAYS OVERLAY



3、 LABEL & PACKAGING TAPES FOR TRAYS:



4、 LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS

ITEM	Q'TY
PRODUCT	80 PCS
TRAY	5 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY

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TITLE: RJ45 2X4 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J24UG11A3DLB6	SHEET:	5 OF 5	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00221	SIZE: A4	UNIT:mm	FCN: B6
APPROVED BY:	QPF	PROJECTION:	 http://www.vitalconn.com			

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