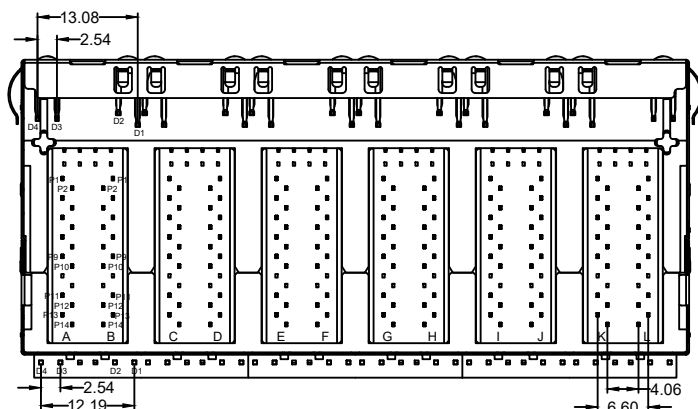
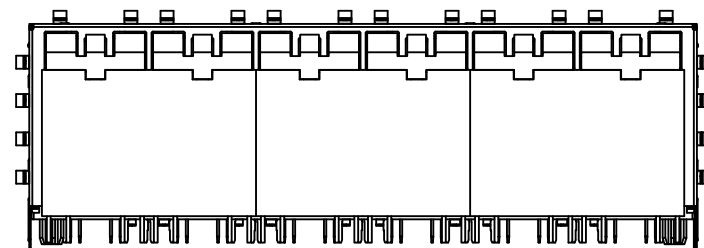
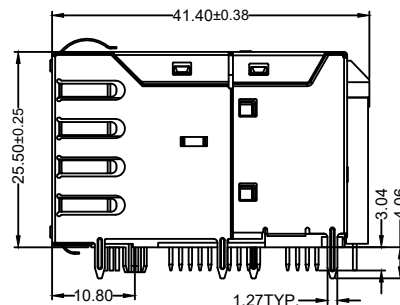
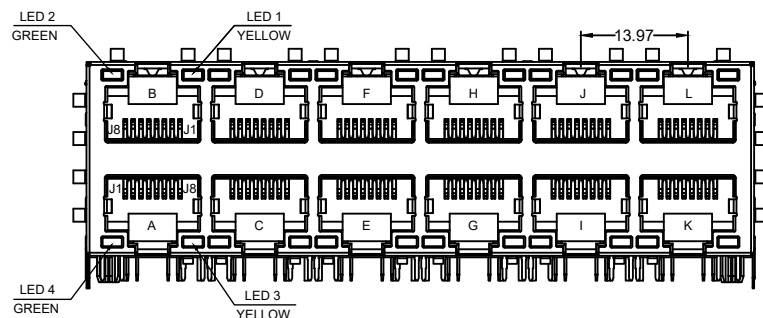
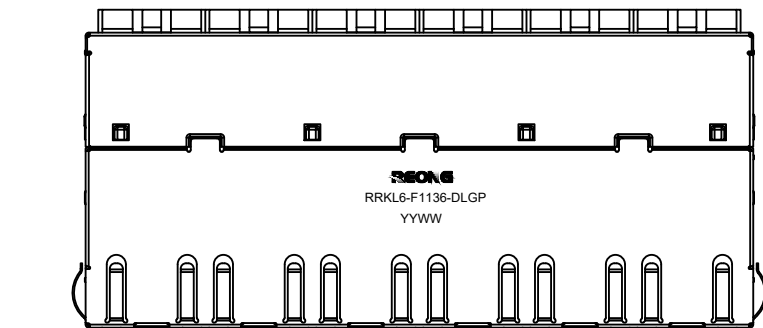




MECHANICAL DIMENSIONS :

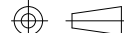
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A0	-----	-----	08-15-2026



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



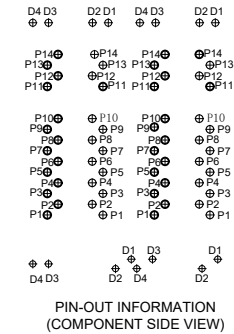
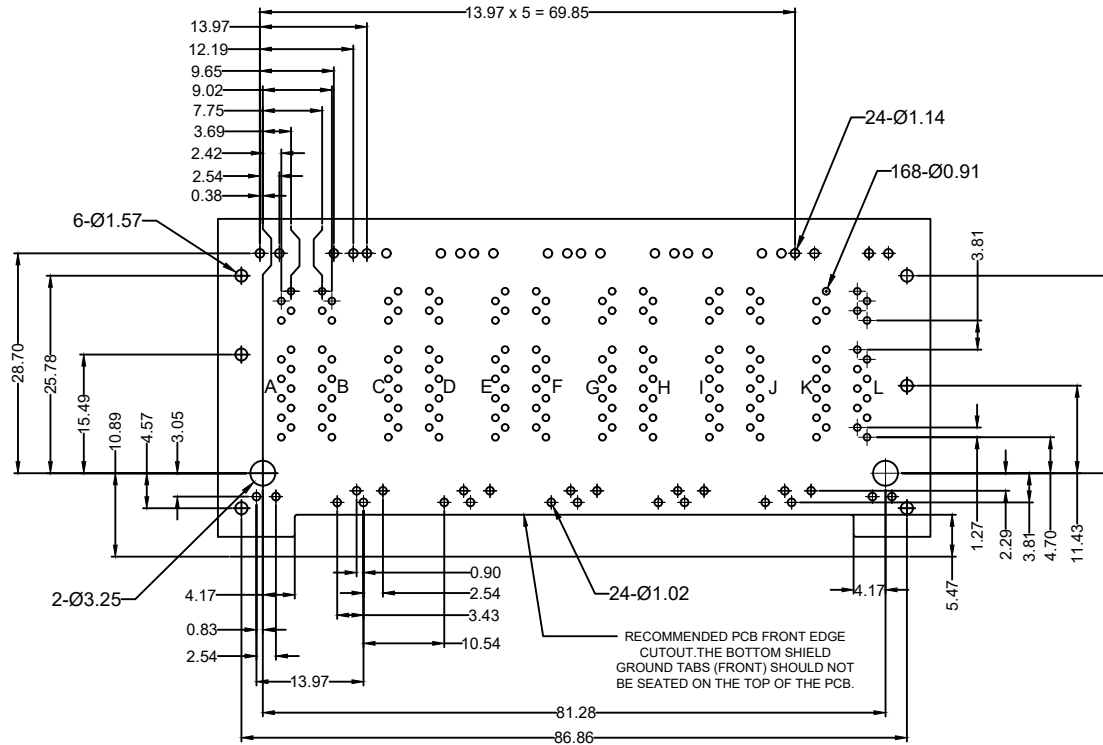
FOR YOUR
VITAL CONNECTION

TITLE:		RJ45 2X6 2.5G BASE-T UPOE			
DRAWN BY:	Zou Long	PART NO:	J26DK1146DLB6	SHEET:	1 OF 5
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00225	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION:	 http://www.vitalconn.com		

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

LED ELECTRICAL / OPTICAL CHARACTERISTICS:			
COLOR	IF	VF(FORWARD VOLTAGE)	AD DOMINANT WAVELENGTH
GREEN	20mA	2.2 V	565nm
YELLOW	20mA	2.1 V	580nm

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

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
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VITAL CONNECTION

TITLE: RJ45 2X6 2.5G BASE-T UPOE

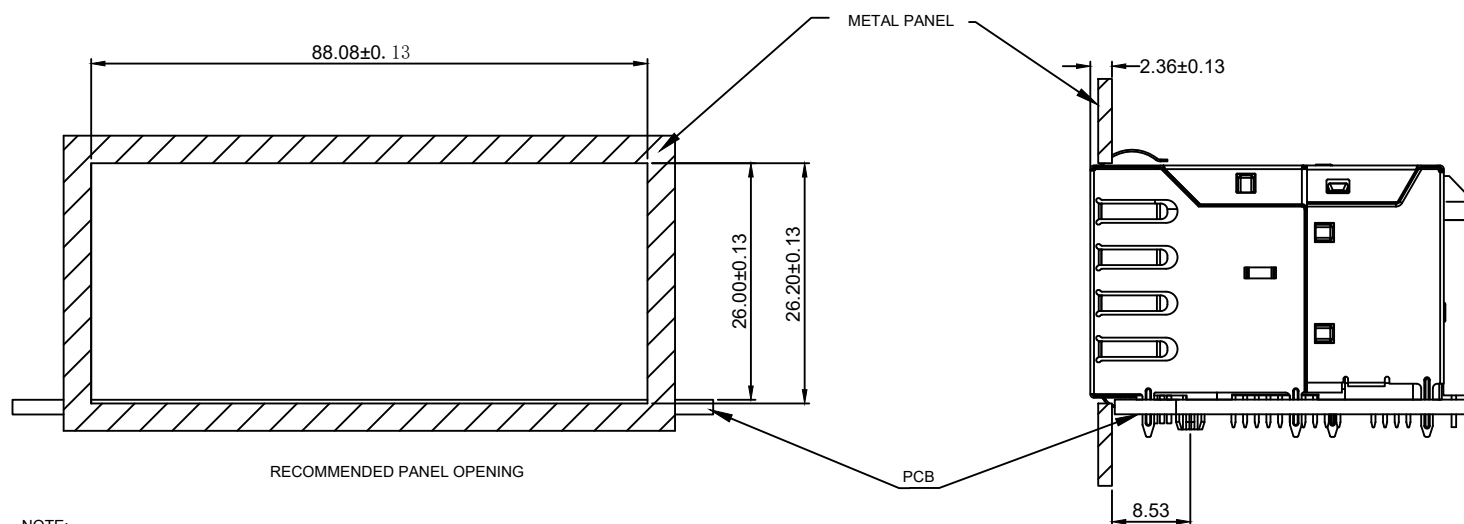
DRAWN BY:	Zou Long	PART NO:	J26DK1146DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00225	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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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°
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FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X6 2.5G BASE-T UPOE

DRAWN BY:	Zou Long	PART NO:	J26DK1146DLB6	SHEET:	3 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00225	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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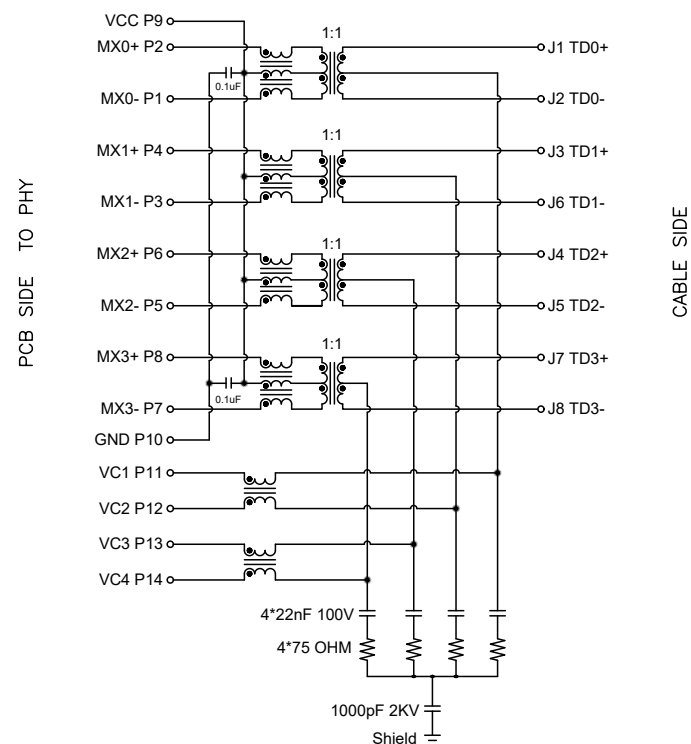
SPECIFICATIONS:

1. HOUSING : THERMOPLASTIC LCP UL94V-0 ,BLACK
2. RJ45 CONTACT : PHOSPHOR BRONZE C5210,THICKNESS=0.30MM
PLATED NICKEL 30U" MIN, 30U" GOLD PLATED ON CONTENT AREA
3. INPUT TERMINAL : BRASS, THICKNESS=0.30MM
FINISH : 120U"MIN TIN OVER 50U" MIN NICKEL
4. METAL SHIELDING : COPPER ALLOY WITH NICKEL PLATED (C2680)
THICKNESS=0.20MM NICKEL 30U" MIN
5. DIFFERENT COLOR OF LEDS OPTION AVAILABLE
6. OPERATING TEMPERATURE : -40°C TO +85°C
7. STORAGE TEMPERATURE : -40°C TO +85°C

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

1. INSERTION LOSS:
 - 0.5dB MAXIMUM AT 1~50 MHz
 - 1.0dB MAXIMUM AT 50~125 MHz
 - 2.0dB MAXIMUM AT 125~200 MHz
2. RETURN LOSS(Load:100 ohms):
 - 20dB MINIMUM AT 1~100 MHz
 - 20+15*LOG(F/40MHz)dB MINIMUM AT 100~200 MHz
3. COMMON TO DIFFERENTIAL MODE REJECTION:
 - 25dB MINIMUM AT 1~200 MHz
4. CROSS TALK:
 - 30dB MINIMUM AT 1~ 125 MHz
5. .LX:(100KHz,100mV)
 - PINS: (P2,P1),(P4,P3),(P6,P5),(P8,P7)=180uH MINIMUM(8mA, DC Bias)
 - PINS: (P2,P1),(P4,P3),(P6,P5),(P8,P7)=120uH MINIMUM(19mA, DC Bias)
6. HI-POT TEST:
 - PINS:(P2-P1) TO (J1-J2) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P4-P3) TO (J3-J6) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P6-P5) TO (J4-J5) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P8-P7) TO (J7-J8) : 1500V AC 60S OR 2250VDC 60S
7. Balanced DC line current :
 - 720mA MAX @57VDC continuous

SCHEMATIC:



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



FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X6 2.5G BASE-T UPOE

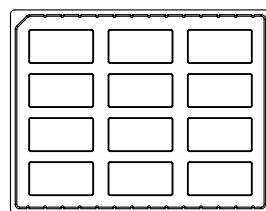
DRAWN BY:	Zou Long	PART NO:	J26DK1146DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00225	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com			

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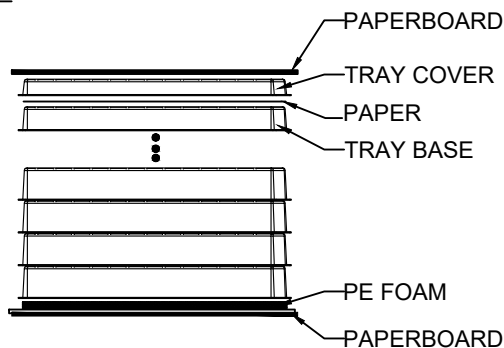


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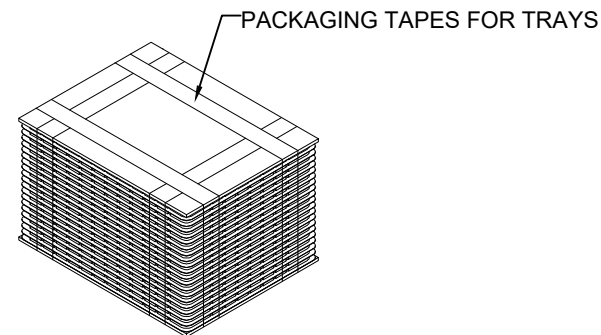
PACKAGE INFORMATION AND LABLE



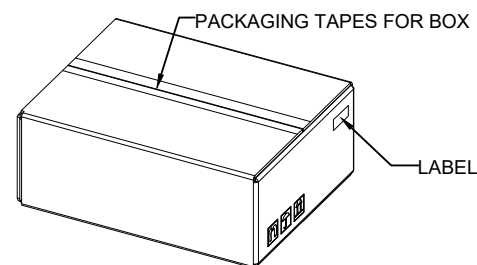
1. 12 PCS PRODUCTS IN TRAYS



2. 5PCS TRAYS OVERLAY



3. LABEL & PACKAGING TAPES FOR TRAYS:



4. LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS

ITEM	QTY
PRODUCT	60 PCS
TRAY COVER	5 PCS
TRAY BASE	5 PCS
PAPER	5 PCS
PE FOAM	1 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	1 PCS
PACKAGING TAPES	8 M (ABOUT)

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DRAWN BY:	Zou Long	PART NO:	J26DK1146DLB6	SHEET:	5 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00225	SIZE:	A4	UNIT:	mm
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