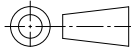
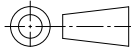
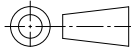


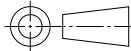
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EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

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PRODUCT DRAWING

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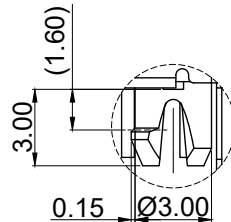
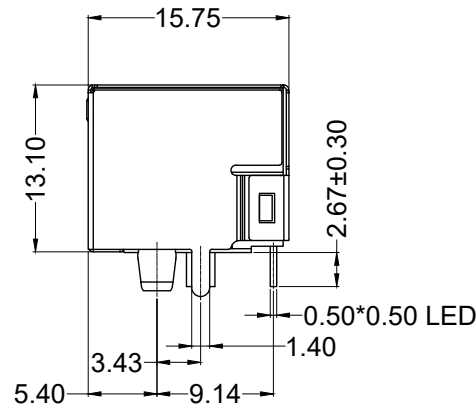
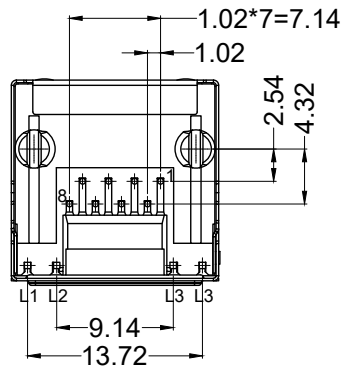
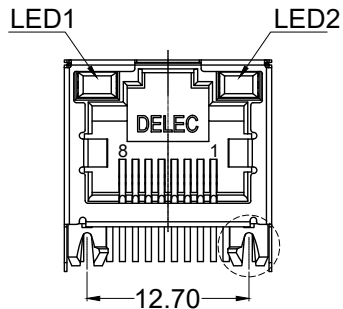
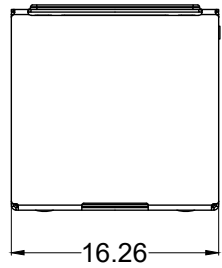
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PRODUCT DRAWING

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MECHANICAL DIMENSION



SPECIFICATION AND PERFORMANCE

1 Scope

This specification covers the requirements for product performance, tests and quality assurance provisions for side entry PCB jack

2 Applicable document

The following documents form a part of this specification to the extent specified herein. In the event of conflict between the requirements of this specification and the product drawing shall take precedence

3 Materials

Plastic Housing: Glass filled polyester (PBT) UL94V-0

(color :Blue 285C)

Contact: phosphor bronze Ø=0.46mm round Pin

Plating: F u" Gold plating over nickel

Shield: 0.20MM Thickness SUS304, Nickel Plating on Stainless Steel

PCB retention fre-solder: 1LB min.

4. Mechanical characteristics:

Durability: 750(modular jack) insertion/plug dimension cycles

Mates with modular plug conforming to FCC part 68 subpart F

5. Electrical

Current rating: 1.5AMP

Voltage rating: 125VAC max.

Contact resistance: 30 milliohms max.

Insulation resistance: 500 megohms min. @500 VDC.

Dielectric strength: 1000 VAC RMS 60Hz, 1min.

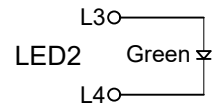
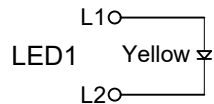
6. Environmental:

Operating temperature: -40°C~+85°C

Storage temperature: -40°C~+85°C

7. Applicable printed circuit board

The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing



LED 1 POLARITY			LED 1 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	Yellow	+	-	Green

LED ELECTRICAL / OPTICAL CHARACTERISTICS

COLOR	IF	VF(FORWARD VOLTAGE)	AD DOMINANT WAVELENGTH
Green	20mA	2.2 V	565nm
Yellow	20mA	2.1 V	590nm

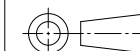
TITLE
1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED

PART NO. DY58-HD61144-421

GENERAL TOLERANCE

DRAW	CHEN	DATE	2026.08.06	X±0.35	.X±1°
CHECK	WEIDE LI	DATE	2026.08.06	.XX±0.25	.XX±0.5°
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DELEC 多亞電子有限公司
Duoya Electronics Co.,Ltd



UNIT:MM

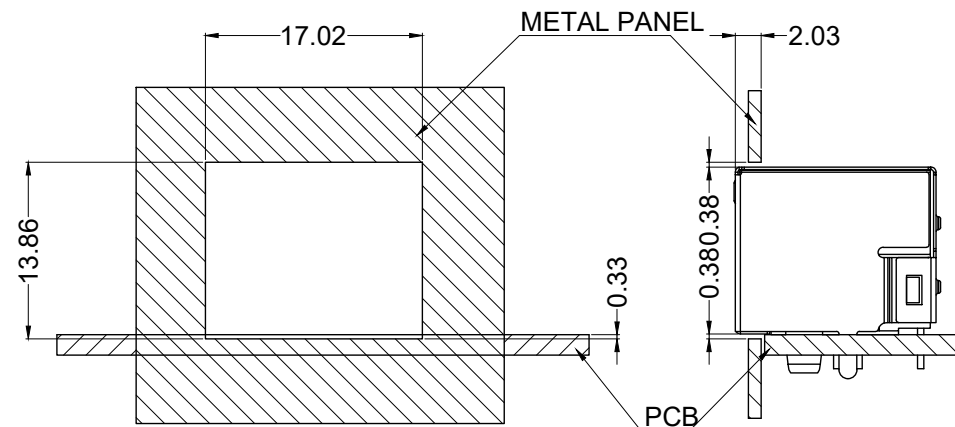
SIZE: A4

SCALE: 1:1

SHEET: 3/5

REV:A

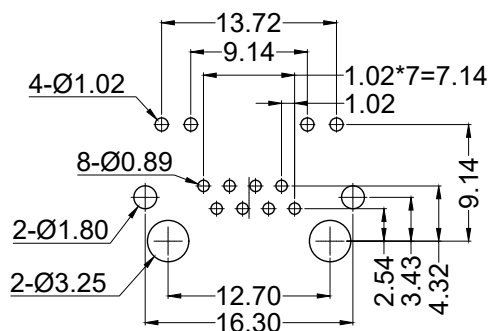
SUGGESTED PANEL OPENING AND RECOMMENDED PCB LAYOUT AND LED: UNIT: (mm)



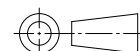
ADD RECOMMENDED PANEL OPENING SIZE

CONNECTOR ASSEMBLED PANEL AND PCB

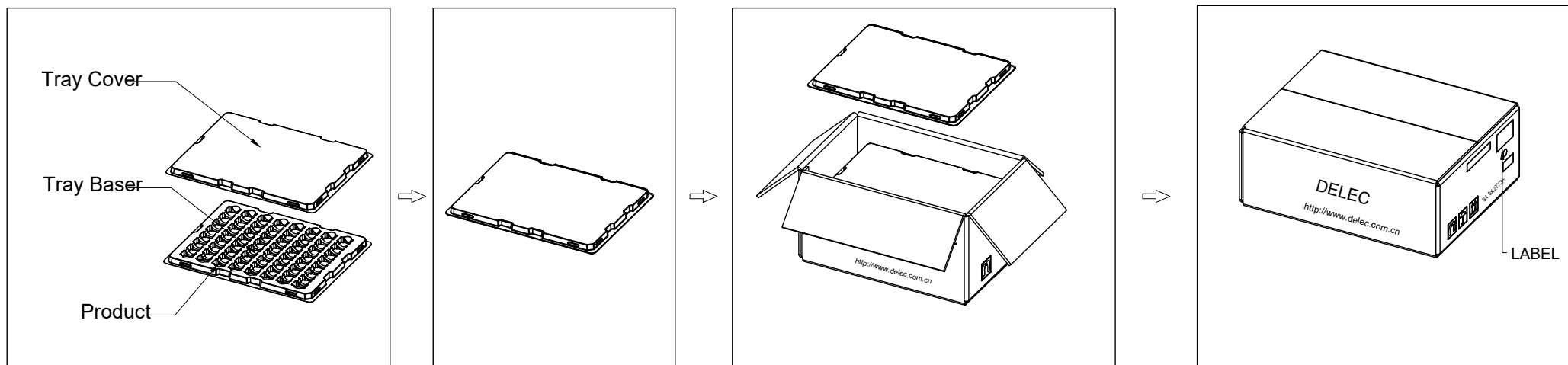
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.



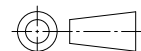
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)
TOLERANCE:±0.05

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CHECK	WEIDE LI	DATE	2026.08.06	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026.08.06	.XXX±0.15					

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY
15 TRAYS (1200 PCS FINISHED GOODS) PER CARTON BOX

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