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G								
F								
E								
D								
C								
B								
A								

DELEC

MARKETING GROUP

R&D GROUP

QA GROUP

ISSUED BY

CHECKED BY

QA INSPECTION

CHEN

Weide Li

Ting Liu

CUSTOMER:

CUSTOMER PART NO:

SAMPLE Q'TY:

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL

☐ CONCESSIONARY

☐ REJECTED

ISSUED BY :

CHECKED BY:

APPROVED BY:

COMMENTS :

TITLE

1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED (2A)

PART NO.

DY58-QD12165-LLG

DRAW

CHEN

DATE

2026-09-17

.X±0.35

.X±1°

CHECK

WEIDE LI

DATE

2026-09-17

.XX±0.25

.XX±0.5°

APPROVE

De

DATE

2026-09-17

.XXX

RoHS

Compliant

DELEC

多亞電子有限公司

Duoya Electronics Co.,Ltd

SCALE: 1:1

SHEET: 1/5

REV: A

UNIT: MM(INCH)

SIZE: A4

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

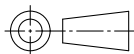
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

BY DUOYA CONNECTOR CORPORATION

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PRODUCT DRAWING

	1	2	3	4	5	6	7	8																																																																																															
H	<table><tr><th colspan="5">ISSUE RECORD</th></tr><tr><th>REV</th><th>DESCRIPTION OF CHANGE</th><th>DRAW</th><th>APPROVE</th><th>ISSUE DATE</th></tr><tr><td>A</td><td>FIRST ISSUE</td><td>CHEN</td><td>De</td><td>2026-09-17</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>								ISSUE RECORD					REV	DESCRIPTION OF CHANGE	DRAW	APPROVE	ISSUE DATE	A	FIRST ISSUE	CHEN	De	2026-09-17																																																																																
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PART NO. DY58-QD12165-LLG				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4	
DRAW	CHEN	DATE	2026-09-17	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 2/5	REV: A
CHECK	WEIDE LI	DATE	2026-09-17	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-09-17	.XXX					

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

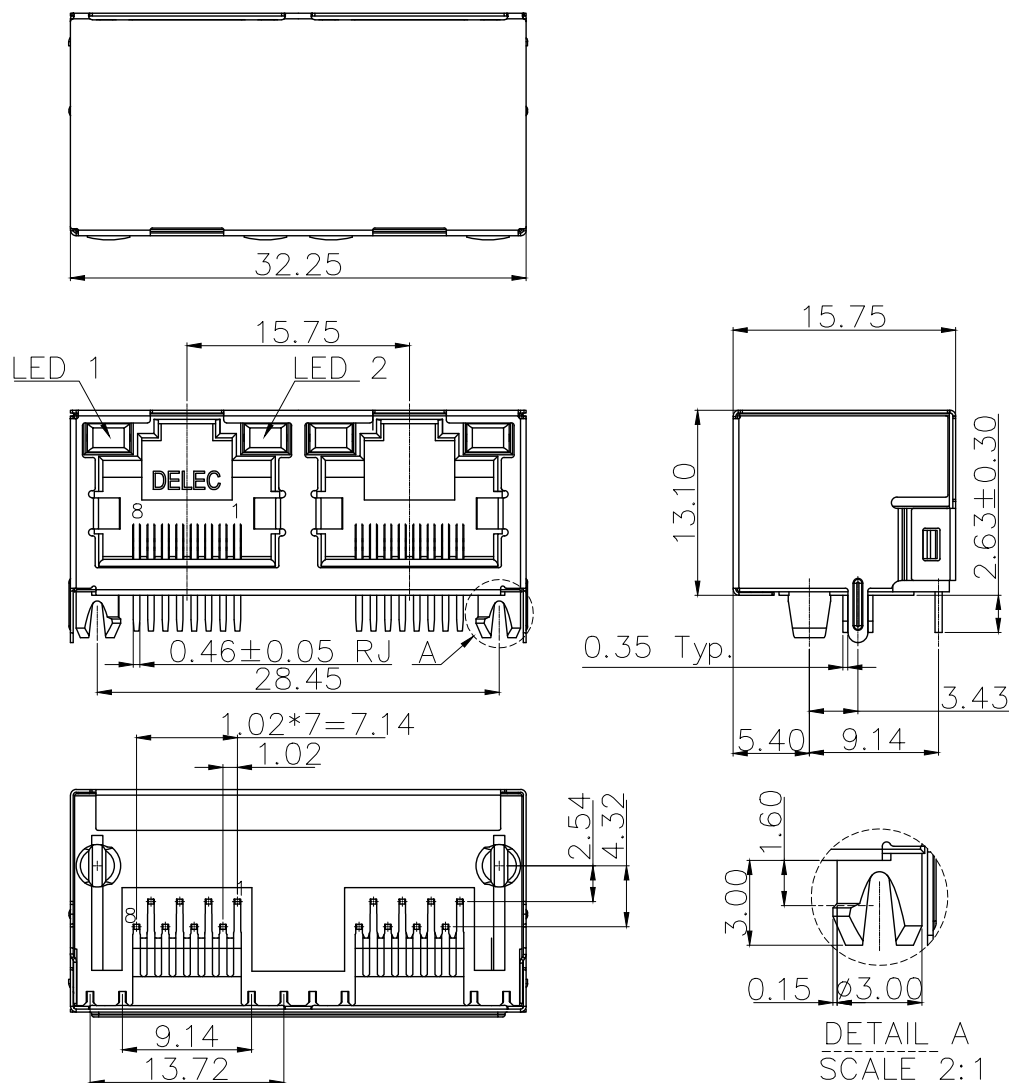
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PRODUCT DRAWING

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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: thermoplastic, flammability rating UL94V-0 (color : pantone Black)

Contact: phosphor bronze T=0.35mm

Au 6 u" plated on contact area

Matte Tin plated 80u" min on solder area;

Nickel 50u" min under plating over all.

Shielded: SUS304 T=0.20.

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: 2.0AMP

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

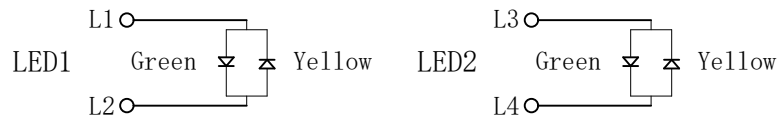
Storage temperature: -40°C~+85°C

7. Applicable printed circuit board

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

TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED (2A)				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co., Ltd		
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APPROVE	De	DATE	2026-09-17	.XXX				REV: A

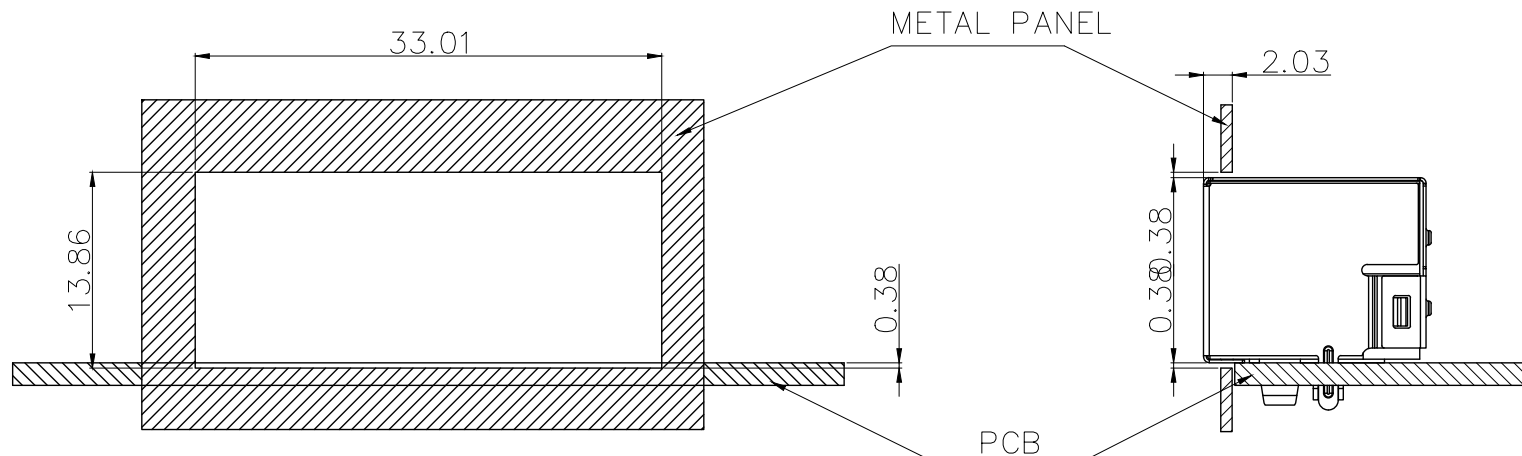
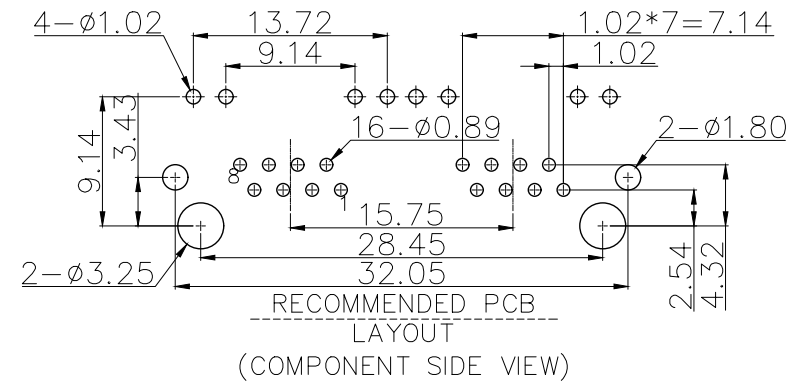
SUGGESTED PANEL OPENING AND RECOMMENDED PCB LAYOUT AND LED: UNIT:
(mm)



LED 1 POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	Green	+	-	Green
-	+	Yellow	-	+	Yellow

LED ELECTRICAL / OPTICAL CHARACTERISTICS

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



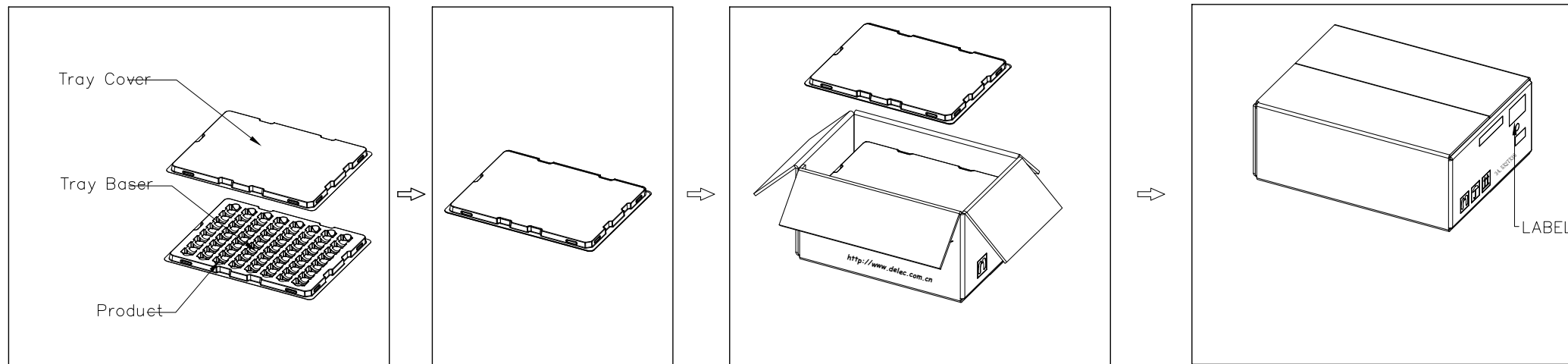
ADD RECOMMENDED PANEL OPENING
SIZE

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.

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PART NO. DY58-QD12165-LLG				GENERAL TOLERANCE		 SCALE: 1:1	UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-09-17	.X±0.35	.X±1°		SHEET: 4/5	REV: A
CHECK	WEIDE LI	DATE	2026-09-17	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-09-17	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
12 TRAYS (720 PCS FINISHED GOODS) PER CARTON BOX

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