

1	2	3	4	5	6	7	8	
H								
G								
F								
E								
D								
C								
B								
A								



MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Chen	Weide Li	Ting Liu

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED PCB板厚度2.8mm						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-Q411317-42J				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-07	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: A
CHECK	Chen	DATE	2026-07-07	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-07	.XXX±0.15				

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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	ISSUE RECORD						
G	REV	DESCRIPTION OF CHANGE			DRAW	APPROVE	ISSUE DATE
	A	FIRST ISSUE (NO. 17-PCB板厚度2.8mm)			Chen	De	2026-07-07
F							
E							
D							
C							
B							
A							

TITLE						 多亞電子有限公司 Duoya Electronics Co.,Ltd			
PART NO.				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4	
DRAW	Chen	DATE	2026-07-07	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 2/5	REV: A
CHECK	Chen	DATE	2026-07-07	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-07-07	.XXX±0.15					

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

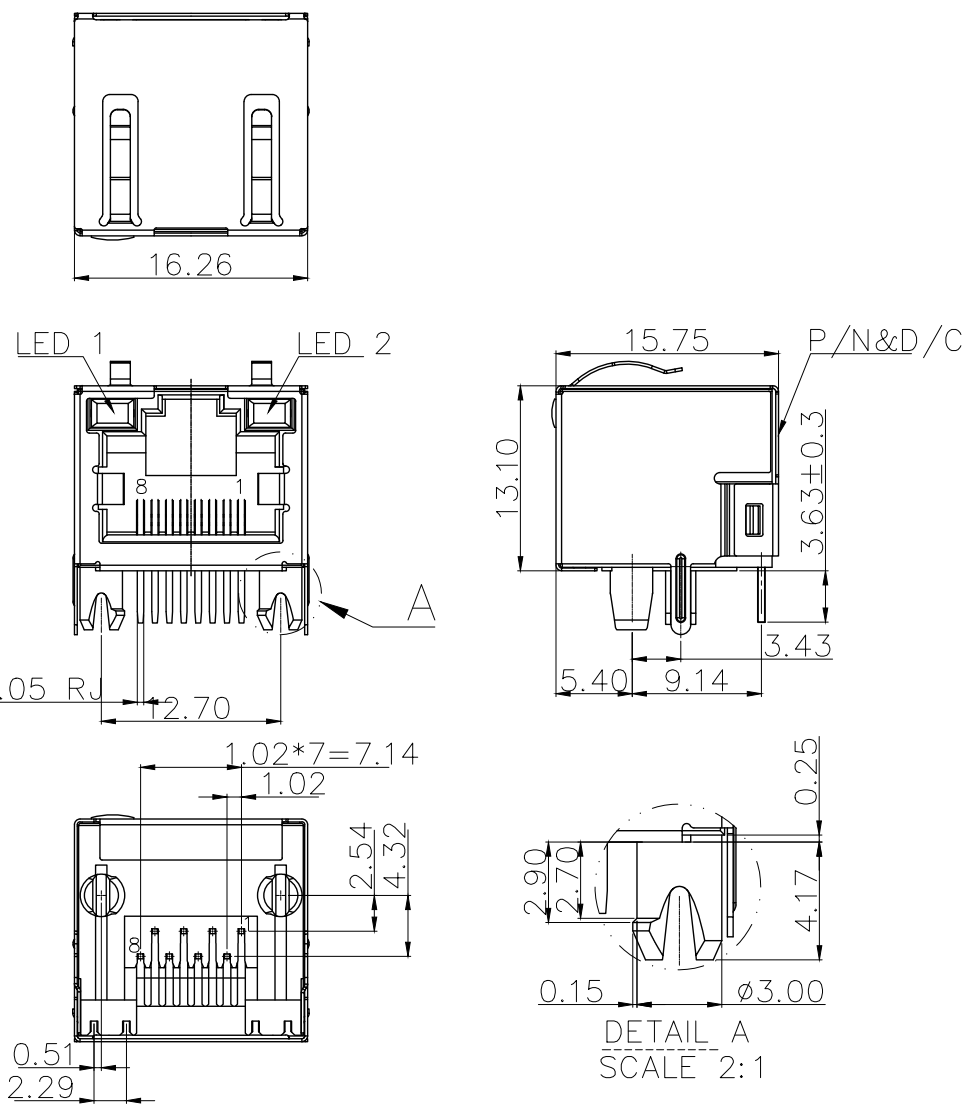
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PRODUCT DRAWING

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MECHANICAL DIMENSION



Product Description

1. Materials:

- Plastic Housing: Glass filled polyester PBT UL94V-0 (color :pantone Black)
- Contacts: Phosphor bronze, T=0.3mm
- 15 u" plated on contact area
- Shielded: Stainless Steel (T=0.20mm); Pins: Tin Plated

2. Mechanical Characteristics:

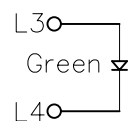
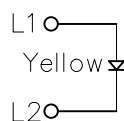
- Insertion/removal cycles: Min. 750

3. Electrical Characteristics:

- Current rating: 2 AMP
- Voltage rating: 125 VAC max.
- Contact resistance: 30 mΩ max.
- Insulation resistance: 500 MΩ min. @ 500 VDC
- Dielectric strength: 1000 VAC RMS, 60Hz, 1 min

4. Environmental:

- Operating temperature: -40°C ~ +85°C
- Storage temperature: -40°C ~ +85°C



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

LED ELECTRICAL / OPTICAL CHARACTERISTICS

COLOR	IF	VF(FORWARD VOLTAGE)	DOMINANT WAVELENGTH
Green	20mA	2.2 V	565nm
Yellow	20mA	2.1 V	610nm

TITLE
1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED
PCB板厚度2.8mm

PART NO.
DY58-Q411317-42J



DELEC 多亞電子有限公司
Duoya Electronics Co.,Ltd



UNIT: MM(INCH)

SIZE: A4

DRAW	Chen	DATE	2026-07-07	.X±0.35	.X±1°
CHECK	Chen	DATE	2026-07-07	.XX±0.25	.XX±0.5°
APPROVE	De	DATE	2026-07-07	.XXX±0.15	

SCALE: 1:1

SHEET: 3/5

REV: A

1 2 3 4 5 6 7 8

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

H

G

F

E

D

C

B

A

METAL PANEL

PCB

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)

PIN NUMBER INFORMATION (COMPONENT SIDE VIEW)

TITLE				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd	
1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED PCB板厚度2.8mm							
PART NO. DY58-Q411317-42J				GENERAL TOLERANCE		UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-07	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/5
CHECK	Chen	DATE	2026-07-07	.XX±0.25	.XX±0.5°		
APPROVE	De	DATE	2026-07-07	.XXX±0.15			

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PRODUCT DRAWING

CONNECTOR ASSEMBLED PANEL AND PCB

PIN NUMBER INFORMATION (COMPONENT SIDE VIEW)

TITLE						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED PCB板厚度2.8mm								
PART NO.				GENERAL TOLERANCE				UNIT: MM(INCH)
DY58-Q411317-42J								SIZE: A4
DRAW	Chen	DATE	2026-07-07	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 4/5
CHECK	Chen	DATE	2026-07-07	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-07	.XXX±0.15				
								REV: A

12345678

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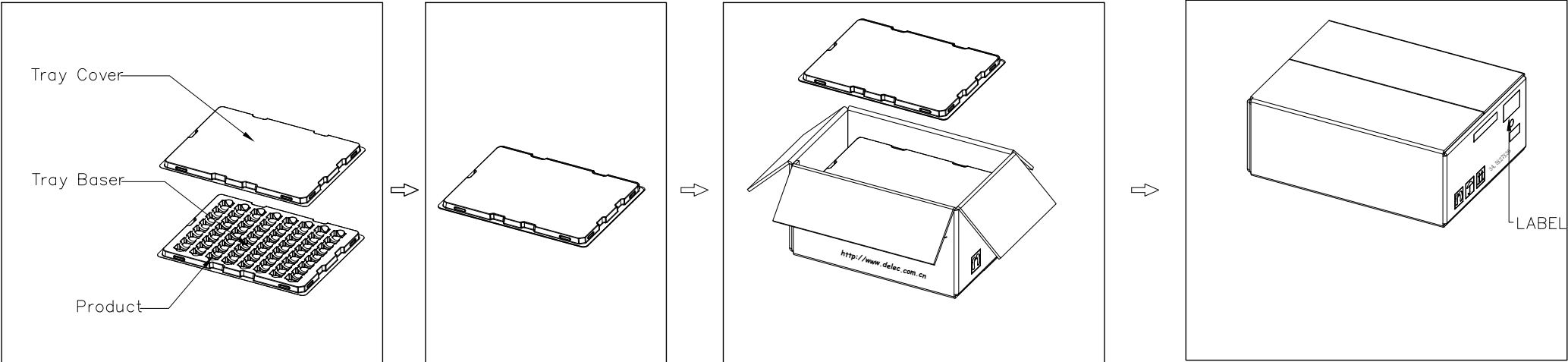
D

C

B

A

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 90 PCS FINISHED GOODS PER TRAY
14 TRAYS (1260 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED PCB板厚度2.8mm						多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-Q411317-42J				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
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APPROVE	De	DATE	2026-07-07	.XXX±0.15				