

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

SPECIFICATION FOR APPROVAL



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

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL

☐ CONCESSIONARY

☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

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	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/4	REV:A
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

EMAIL: INFO@DELEC.COM.CN WEB SITE: [HTTP://WWW.DELEC.COM.CN](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							
	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE	
G	A	FIRST ISSUE			CHEN	De	2026-08-24	
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	2026-08-24	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 2/4	REV:A
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-08-24	.XXX					

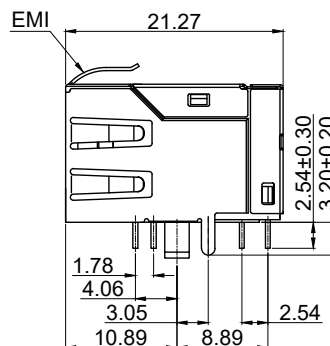
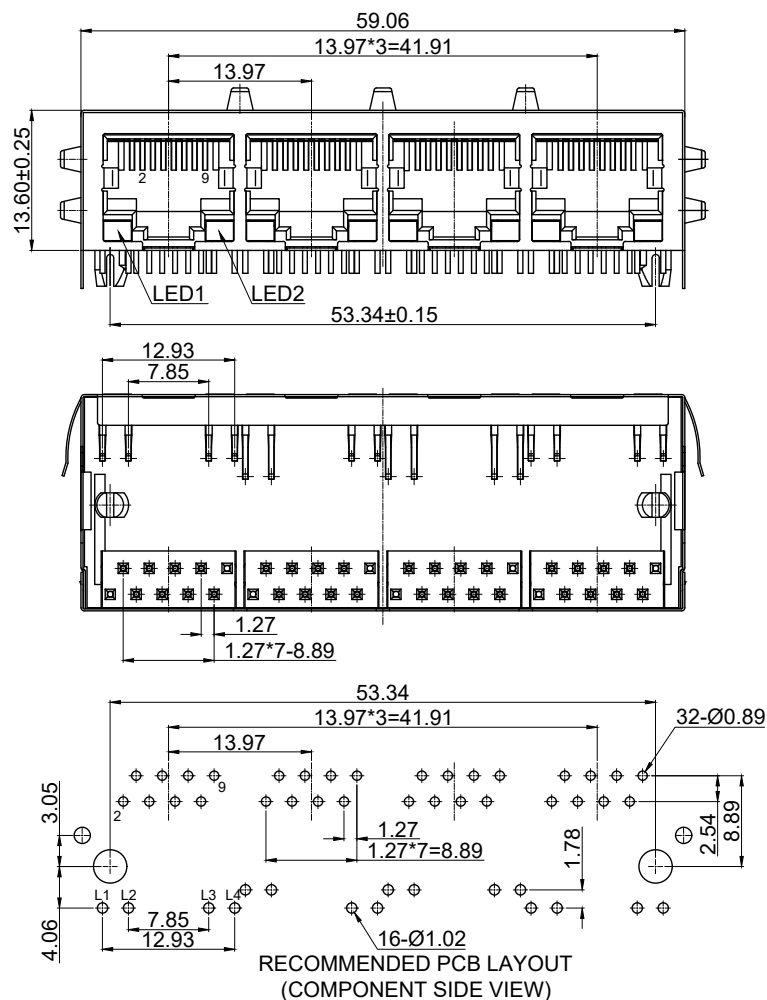
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PRODUCT DRAWING

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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 PA46 flammability rating UL94V-0. (Color: pantone Black)

Contact: Phosphor Bronze $\varnothing=0.46\text{mm}$ round Pin

Plating: F u" Gold plating over nickel

Shielded: 0.20 thickness brass with nickel plated.

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.

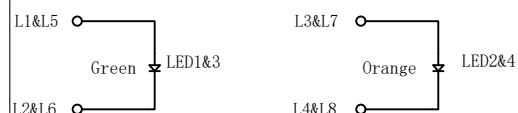
6. Environmental:

Operating temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Storage temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

7. Applicable printed circuit board

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



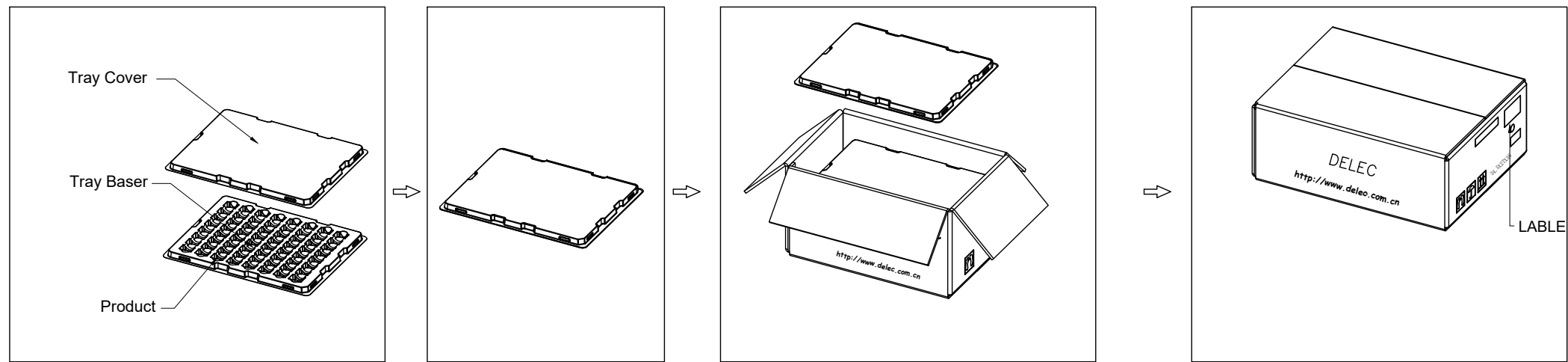
LED 1&3 POLARITY			LED 2&4 POLARITY		
L1&L5	L2&L6	COLOR	L3&L7	L4&L8	COLOR
+	-	Green	+	-	Orange

LED ELECTRICAL / OPTICAL CHARACTERISTICS

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

TITLE 1X4 RJ45 10P8C WITH LED						RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co., Ltd	
PART NO. DY59-7A14D03-261						GENERAL TOLERANCE		UNIT:MM(INCH)	SIZE: A4
DRAW	chen	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 3/4	REV:A
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-08-24	.XXX					

PACKAGE INFORMATION AND LABLE



PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY
14 TRAYS (280 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X4 RJ45 10P8C WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7A14D03-261				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	chen	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/4	REV:A
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				