

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	Ting Liu

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

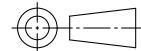
APPROVED BY: _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

COMMENTS : _____

TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD54019-R02				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-29	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: B
CHECK	Li	DATE	2026-07-29	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-29	.XXX				

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

BY DUOYA CONNECTOR CORPORATION

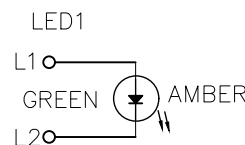
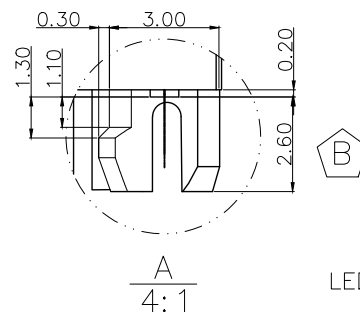
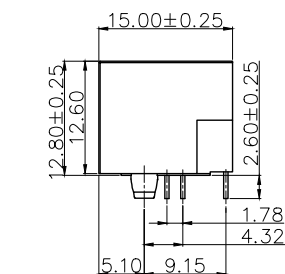
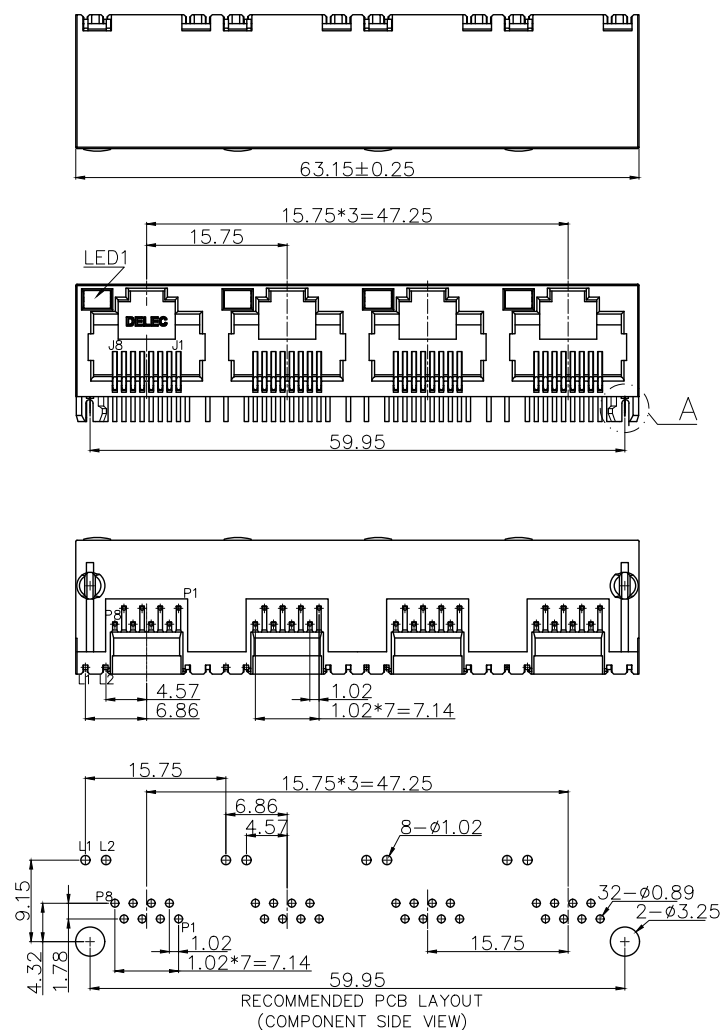
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PRODUCT DRAWING

	1	2	3	4	5	6	7	8	
H	ISSUE RECORD								
	REV	DESCRIPTION OF CHANGE			DRAW	APPROVE	ISSUE DATE		
	A	FIRST ISSUE			Chen	De	2026-07-20		
G	B	Change the height of plastic supports.(3.00 to 2.60mm)			Chen	De	2026-07-29		
F									
E									
D									
C									
B									
A	TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
	PART NO. DY58-HD54019-R02				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
	DRAW	Chen	DATE	2026-07-29	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/5	REV: B
	CHECK	Li	DATE	2026-07-29	.XX±0.25	.XX±0.5°			
	APPROVE	De	DATE	2026-07-29	.XXX				
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION									
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PRODUCT DRAWING

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 :pantone Yellow 114C)
Contact: phosphor bronze Ø=0.46mm round Pin
Plating: 1 u" Gold plating over nickel
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

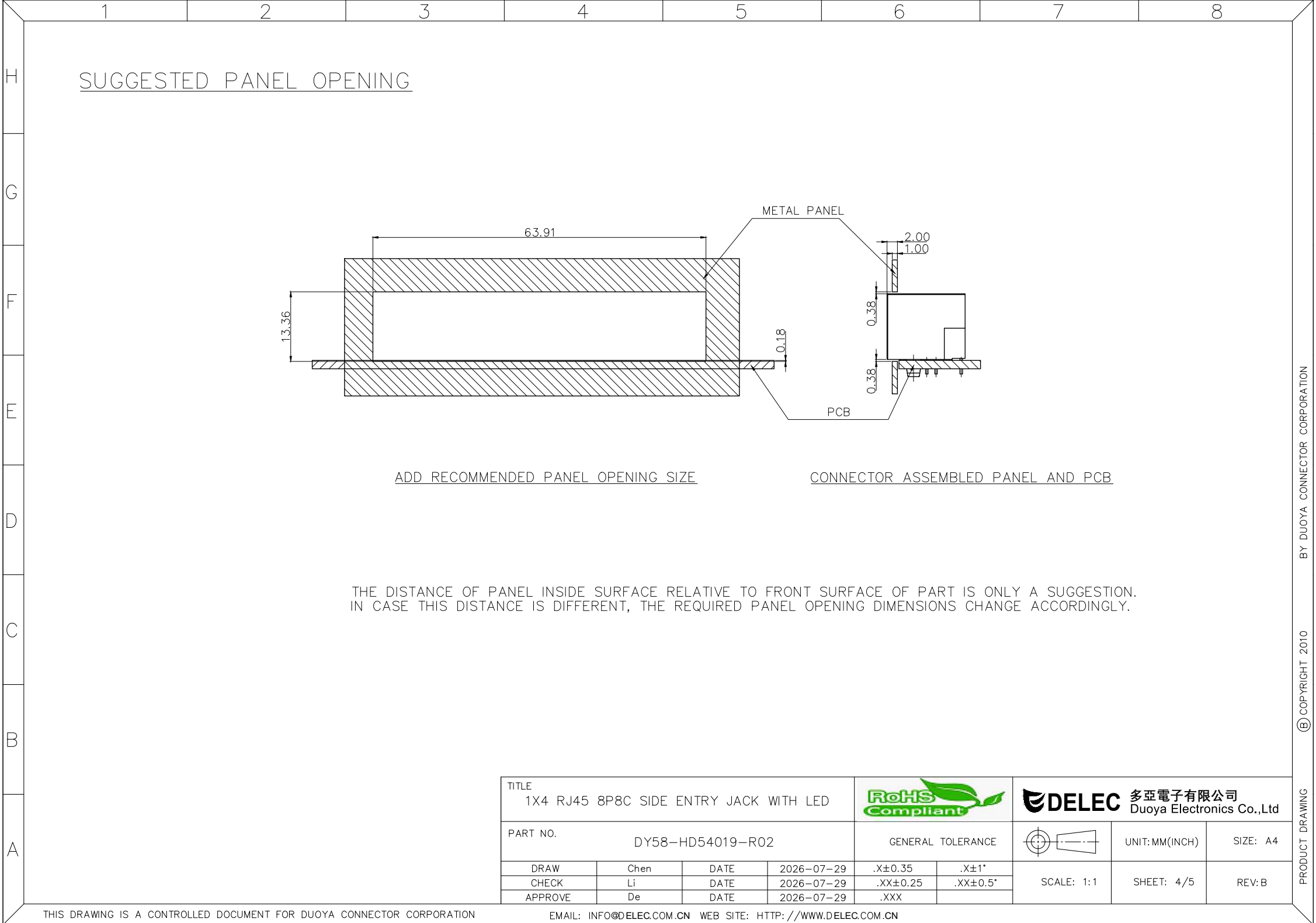
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

LED ELECTRICAL / OPTICAL CHARACTERISTICS

LED 1 POLARITY		
L1	L2	COLOR
+	-	Green
-	+	AMBER

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

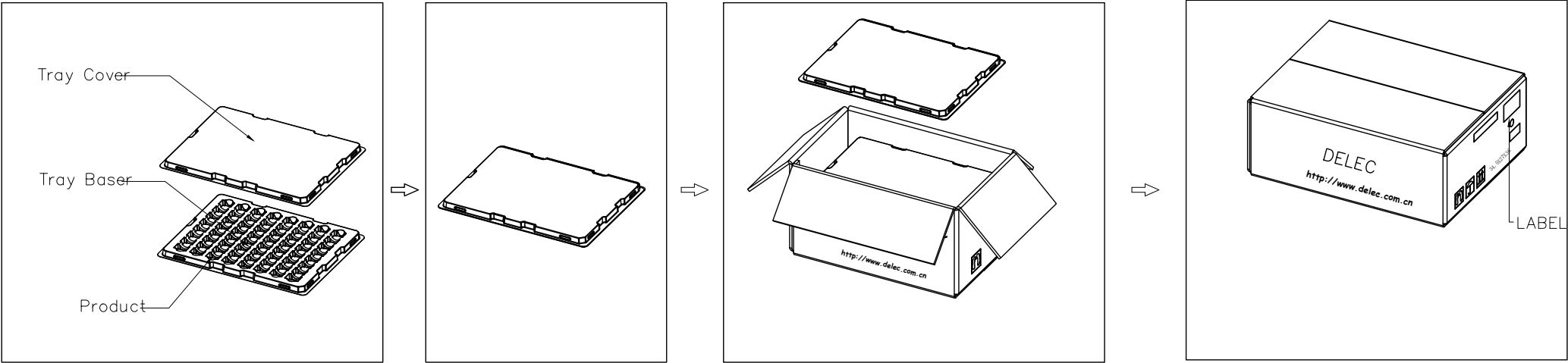
TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co., Ltd		
PART NO. DY58-HD54019-R02				GENERAL TOLERANCE		SCALE: 1:1	UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-29	.X±0.35	.X±1°	SHEET: 3/5	REV: B	
CHECK	Li	DATE	2026-07-29	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-29	.XXX				



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.

TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED						多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD54019-R02				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-29	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/5	REV: B
CHECK	Li	DATE	2026-07-29	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-29	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
20 TRAYS (800 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED						多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD54019-R02				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-29	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 5/5	REV: B
CHECK	Li	DATE	2026-07-29	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-29	.XXX				