

1	2	3	4	5	6	7	8									
H	SPECIFICATION FOR APPROVAL															
G																
F																
E																
D	<table><tr><td>MARKETING GROUP</td><td>R&D GROUP</td><td>QA GROUP</td></tr><tr><td>ISSUED BY</td><td>CHECKED BY</td><td>QA INSPECTION</td></tr><tr><td>CHEN</td><td>Weide Li</td><td>Ting Liu</td></tr></table>			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: _____			
MARKETING GROUP	R&D GROUP	QA GROUP														
ISSUED BY	CHECKED BY	QA INSPECTION														
CHEN	Weide Li	Ting Liu														
C	CUSTOMER: _____			COMMENTS : _____												
B	CUSTOMER PART NO: _____			_____												
A	SAMPLE Q'TY: _____			_____												

TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED						多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD14147-LL1				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: A
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				

	1	2	3	4	5	6	7	8
H	ISSUE RECORD							
	REV	DESCRIPTION OF CHANGE			DRAW	APPROVE	ISSUE DATE	
G	A	FIRST ISSUE			CHEN	De	2026-08-24	
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-HD14147-LL1				GENERAL TOLERANCE				UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 2/5	REV: A
CHECK	CHEN	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

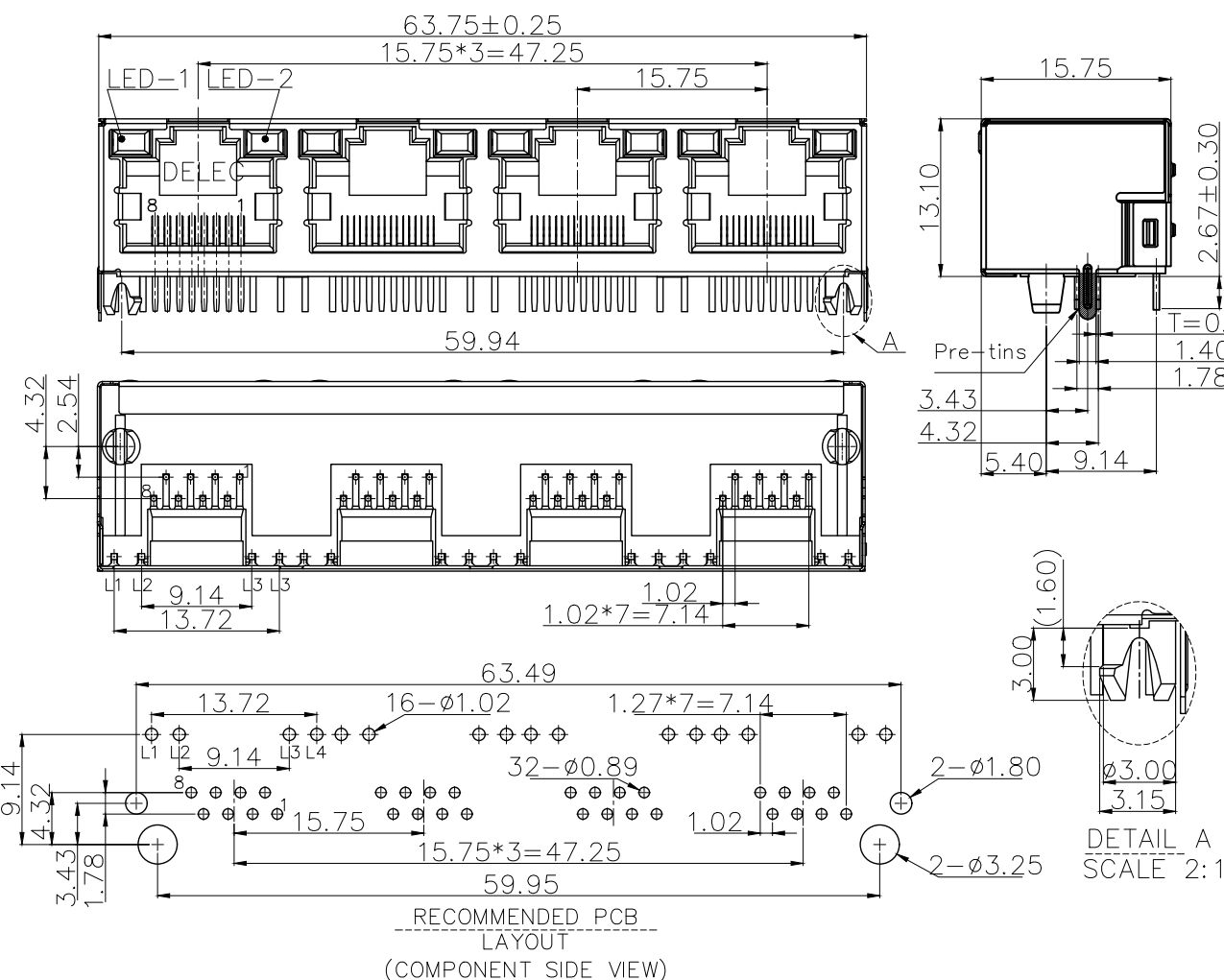
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING

BY DUOYA CONNECTOR CORPORATION

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

Contact: phosphor bronze Ø=0.46mm round Pin

Au F 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, Pre-Tins

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.

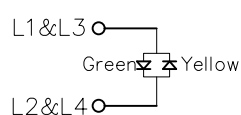
6. Environmental:

Operating temperature: -40°C~+85°C

Storage temperature: -40°C~+85°C

7. Applicable printed circuit board

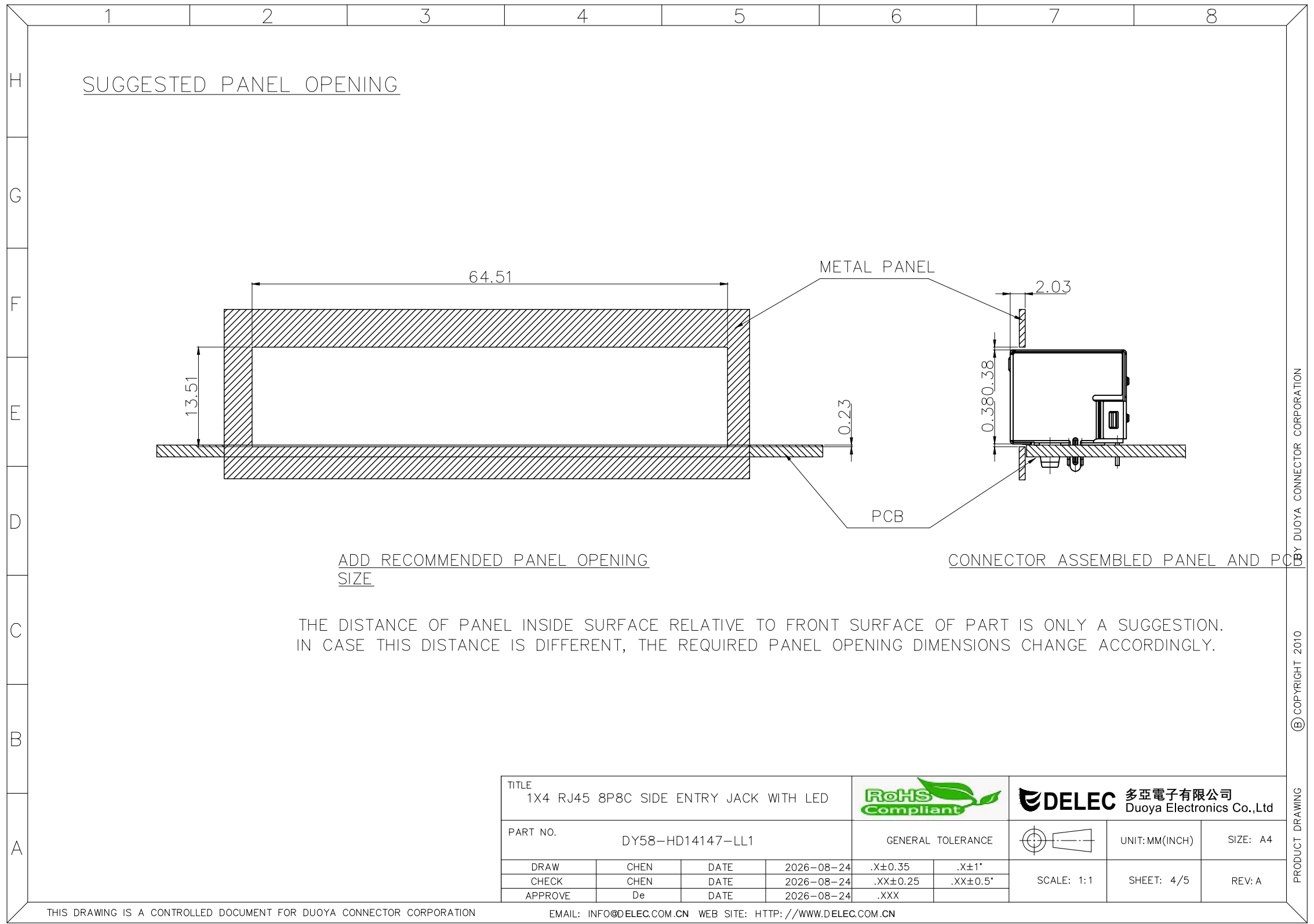
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing



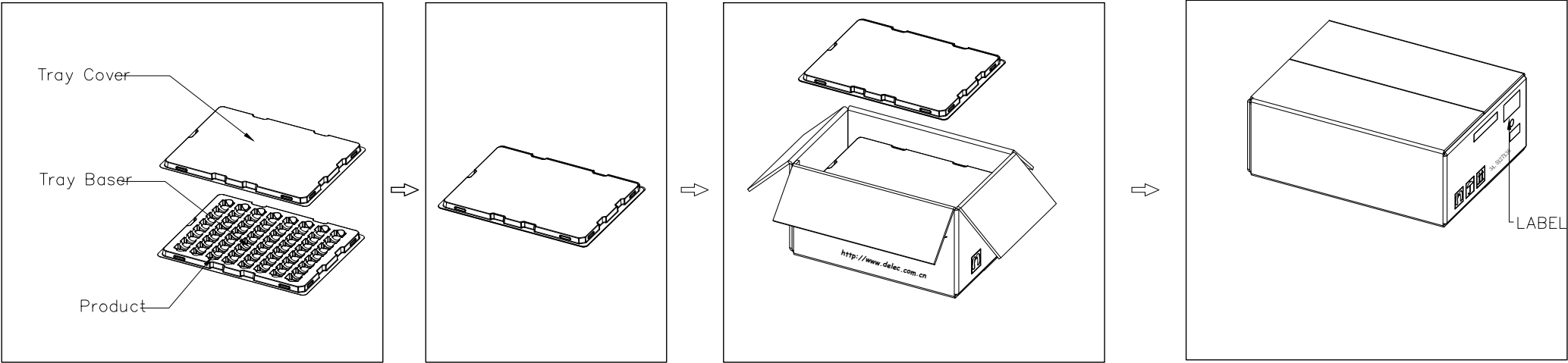
LED 1POLARITY		LED 2 POLARITY	
L1	L2	L3	L4
+	-	+	-
-	+	-	+

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

TITLE 1X4 RJ45 8P8C SIDE ENTRY JACK WITH LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd	
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DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 3/5
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°		
APPROVE	De	DATE	2026-08-24	.XXX			



PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
15 TRAYS (600 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-HD14147-LL1				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 5/5	REV: A
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				