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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	2026-09-10	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 2/5	REV:A
CHECK	Li	DATE	2026-09-10	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-09-10	.XXX					

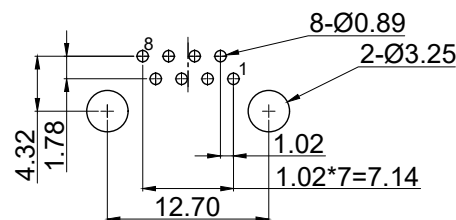
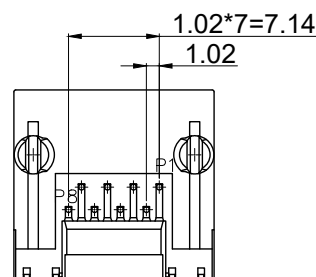
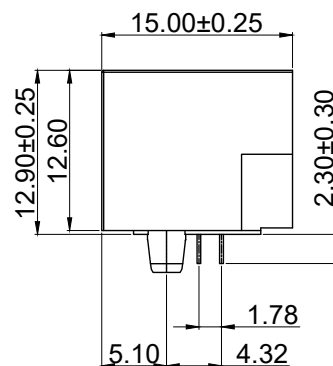
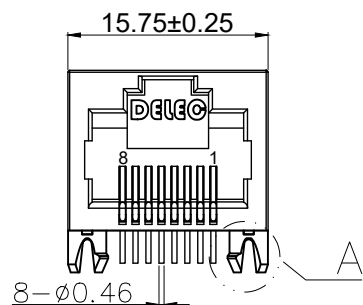
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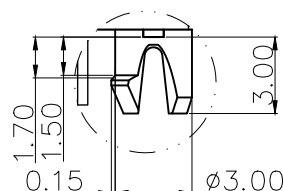
PRODUCT DRAWING

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MECHANICAL DIMENSION



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)



DETAIL A
2:1

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 :White)

Contact: phosphor bronze Ø=0.46 round Pin

Plating: F 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.

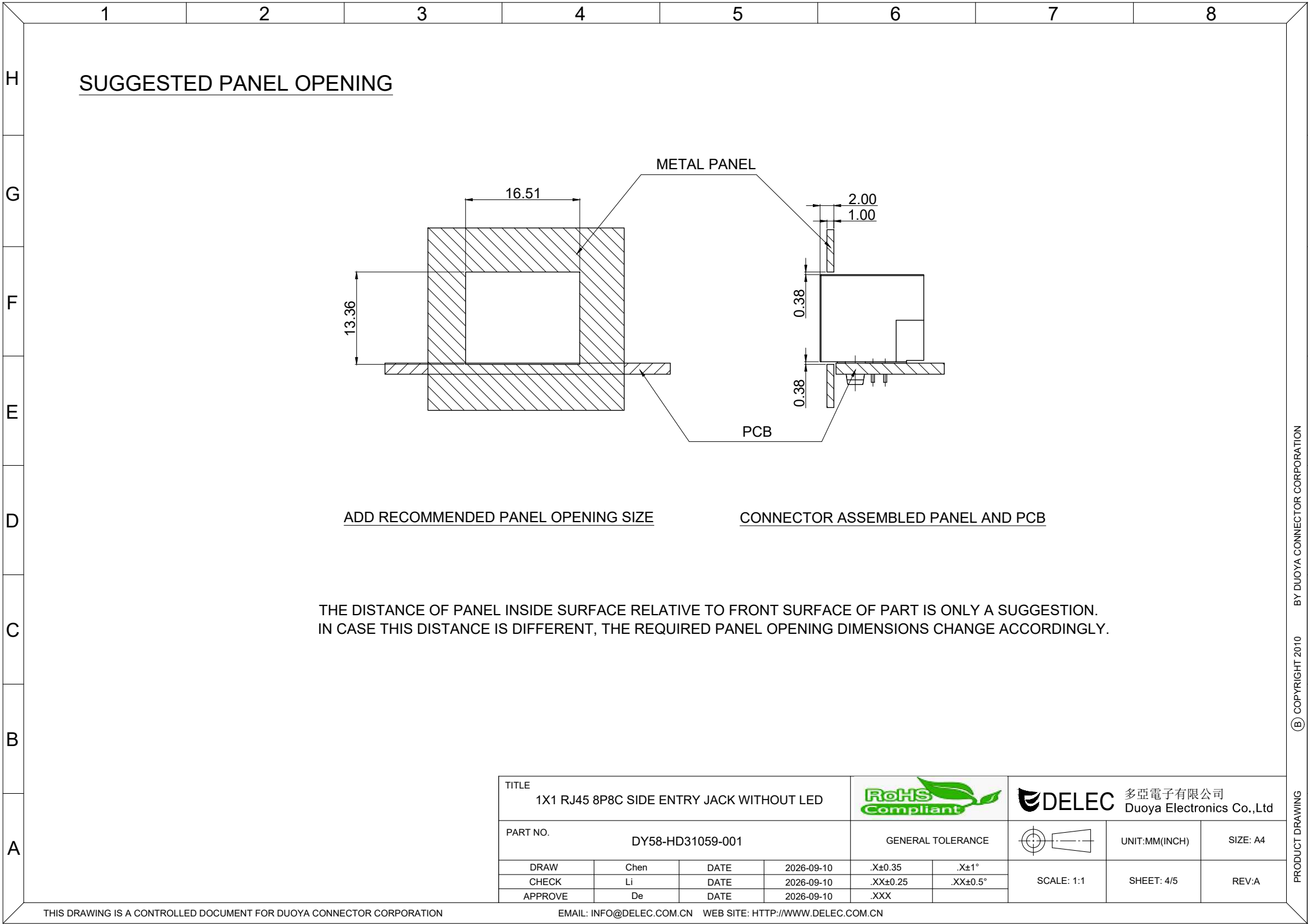
6. Environmental:

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



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B

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PACKAGE INFORMATION AND LABEL

Tray Cover

Tray Baser

Product

PACKING QUANTITY : 160 PCS FINISHED GOODS PER TRAY

12 TRAYS (1920PCS FINISHED GOODS) PER CARTON BOX

TITLE						多亞電子有限公司 Duoya Electronics Co.,Ltd			
PART NO.				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4	
DY58-HD31059-001							SCALE: 1:1	SHEET: 5/5	REV:A
DRAW	Chen	DATE	2026-09-10	.X±0.35	.X±1°				
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