

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: _____

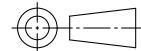
APPROVED BY: _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

COMMENTS: _____

TITLE						 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: 1/5	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

BY DUOYA CONNECTOR CORPORATION

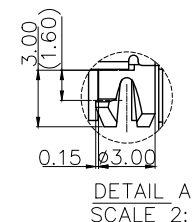
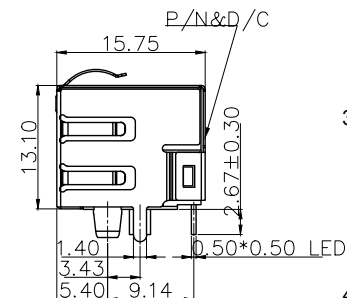
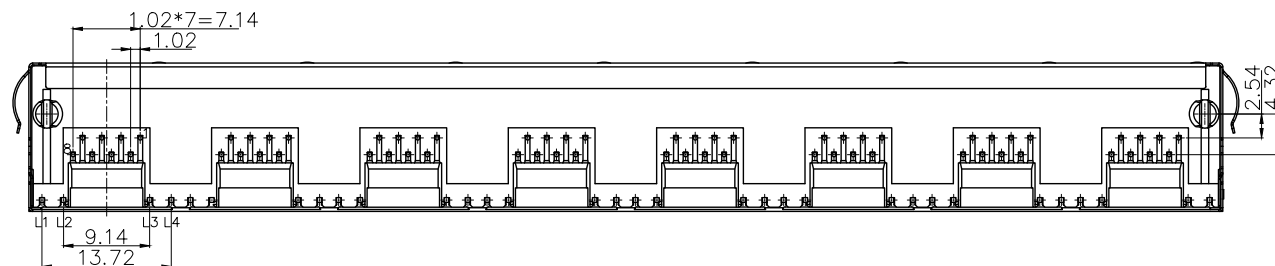
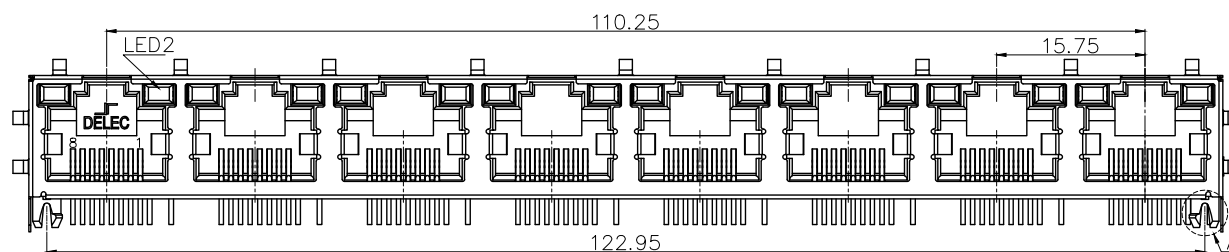
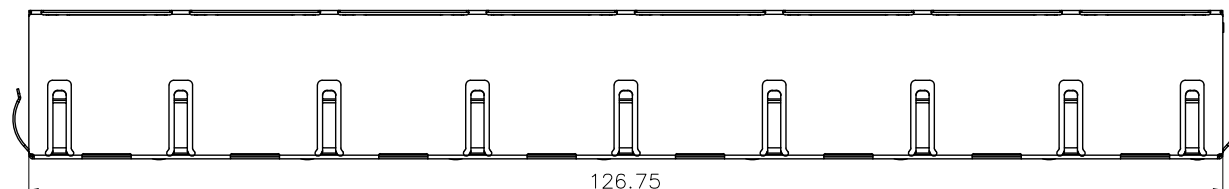
© COPYRIGHT 2010

PRODUCT DRAWING

	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 1X8 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
	PART NO. DY58-HD18M49-26A				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									

BY DUOYA CONNECTOR CORPORATION
© COPYRIGHT 2010
PRODUCT DRAWING

MECHANICAL DIMENSION



DETAIL A
SCALE 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 filed polyester 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

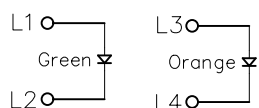
Current rating: 1.5AMP
Voltage rating: 125VAC max.
Contact resistance: 30 milliohms max.
Insulation resistance: 500 megohms min.@500 VDC.
Dielectric strength: 1000 VAC RMS 60Hz,1min.

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 1POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	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
1X8 RJ45 8P8C SIDE ENTRY JACK WITH LED

PART NO.
DY58-HD18M49-26A

DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°
APPROVE	De	DATE	2026-08-24	.XXX	



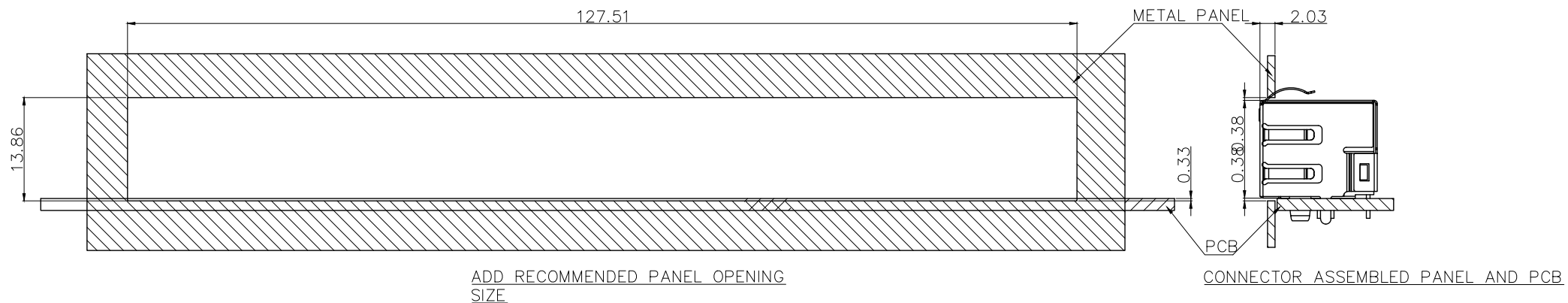
DELEC 多亞電子有限公司
Duoya Electronics Co.,Ltd



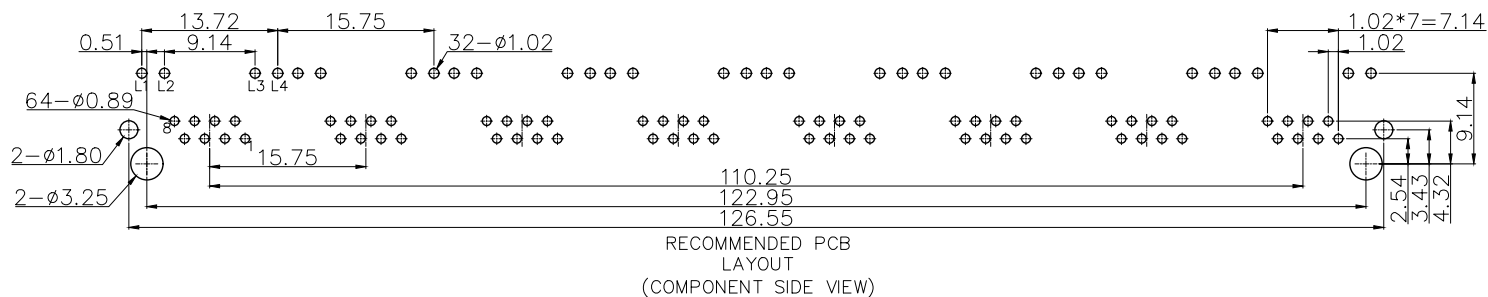
UNIT: MM(INCH) SIZE: A4

SCALE: 1:1 SHEET: 3/5 REV: A

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

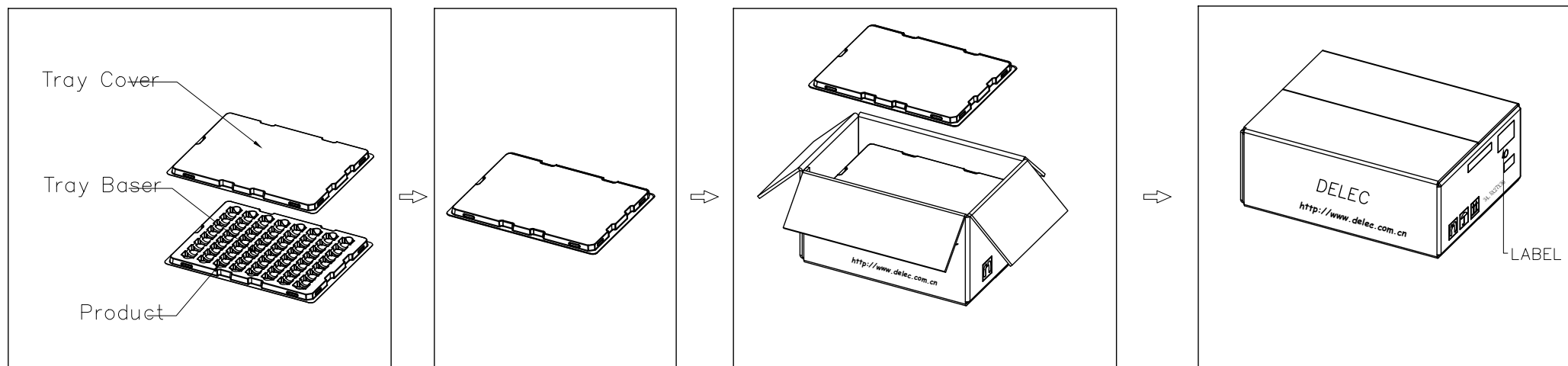


THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.



TITLE 1X8 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-HD18M49-26A				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 4/5
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				REV: A

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY
20 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X8 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-HD18M49-26A				GENERAL TOLERANCE		 SCALE: 1:1	UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±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				