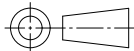
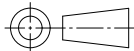
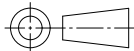
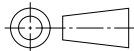


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H																																													
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F	SPECIFICATION FOR APPROVAL																																												
E	 <table><tr><td>MARKETING GROUP</td><td>R&D GROUP</td><td>QA GROUP</td></tr><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: _____																																
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C	CUSTOMER PART NO: _____ COMMENTS : _____																																												
B	SAMPLE Q'TY: _____																																												
A	<table><tr><td colspan="4">TITLE</td><td colspan="2"></td><td colspan="2"> 多亞電子有限公司 Duoya Electronics Co.,Ltd</td></tr><tr><td colspan="4">PART NO. DY58-HD11556-423</td><td colspan="2">GENERAL TOLERANCE</td><td></td><td>UNIT: MM(INCH)</td><td>SIZE: A4</td></tr><tr><td>DRAW</td><td>CHEN</td><td>DATE</td><td>2026-09-04</td><td>.X±0.35</td><td>.X±1°</td><td rowspan="3">SCALE: 1:1</td><td rowspan="3">SHEET: 1/5</td><td rowspan="3">REV: A</td></tr><tr><td>CHECK</td><td>CHEN</td><td>DATE</td><td>2026-09-04</td><td>.XX±0.25</td><td>.XX±0.5°</td></tr><tr><td>APPROVE</td><td>De</td><td>DATE</td><td>2026-09-04</td><td>.XXX</td><td></td></tr></table>							TITLE						 多亞電子有限公司 Duoya Electronics Co.,Ltd		PART NO. DY58-HD11556-423				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4	DRAW	CHEN	DATE	2026-09-04	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: A	CHECK	CHEN	DATE	2026-09-04	.XX±0.25	.XX±0.5°	APPROVE	De	DATE	2026-09-04	.XXX	
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THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN																																													

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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
G	A	FIRST ISSUE				chen	De	2026-09-04
F								
E								
D								
C								
B								
A								

TITLE						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD11556-423				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-09-04	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/5	REV: A
CHECK	CHEN	DATE	2026-09-04	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-09-04	.XXX				

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

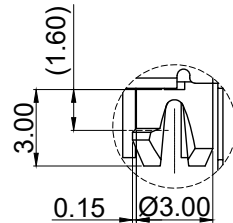
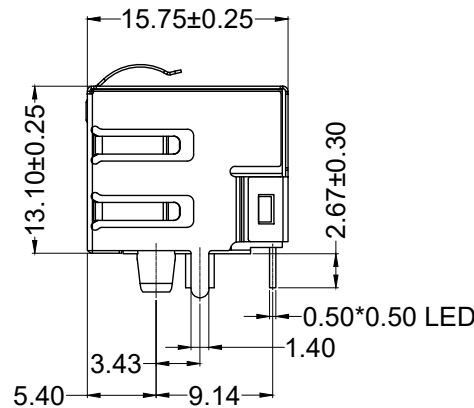
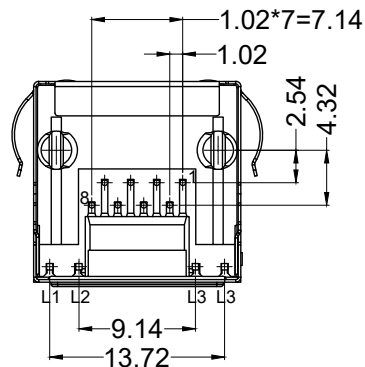
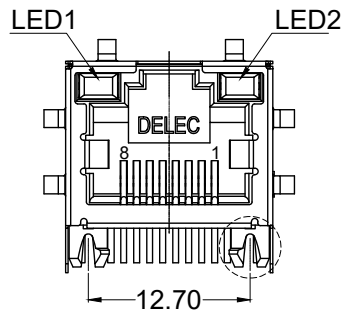
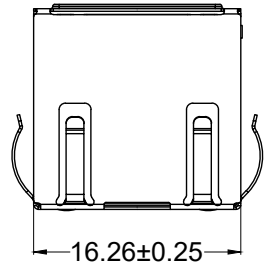
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING

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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: Glass filled polyester (PBT) UL94V-0

(color :pantone Black)

Contact: phosphor bronze Ø=0.46mm round Pin

Plating: 1.5 u" Gold plating over nickel

Shield: 0.20MM Thickness SUS304, Nickel Plating on Stainless Steel

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.

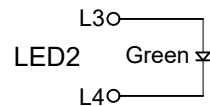
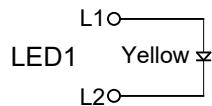
6. Environmental:

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



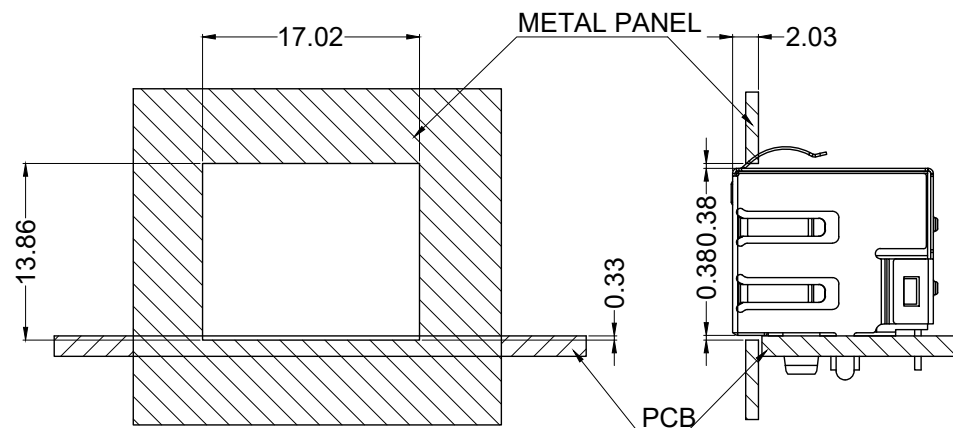
LED 1 POLARITY			LED 1 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	Yellow	+	-	Green

LED ELECTRICAL / OPTICAL CHARACTERISTICS

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

TITLE 1X1 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-HD11556-423				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-09-04	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 3/5
CHECK	CHEN	DATE	2026-09-04	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-09-04	.XXX				REV: A

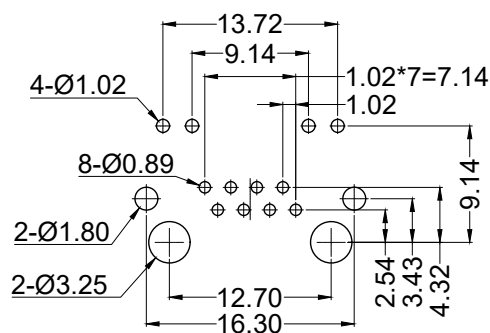
SUGGESTED PANEL OPENING AND RECOMMENDED PCB LAYOUT AND LED: UNIT: (mm)



ADD RECOMMENDED PANEL OPENING SIZE

CONNECTOR ASSEMBLED PANEL AND PCB

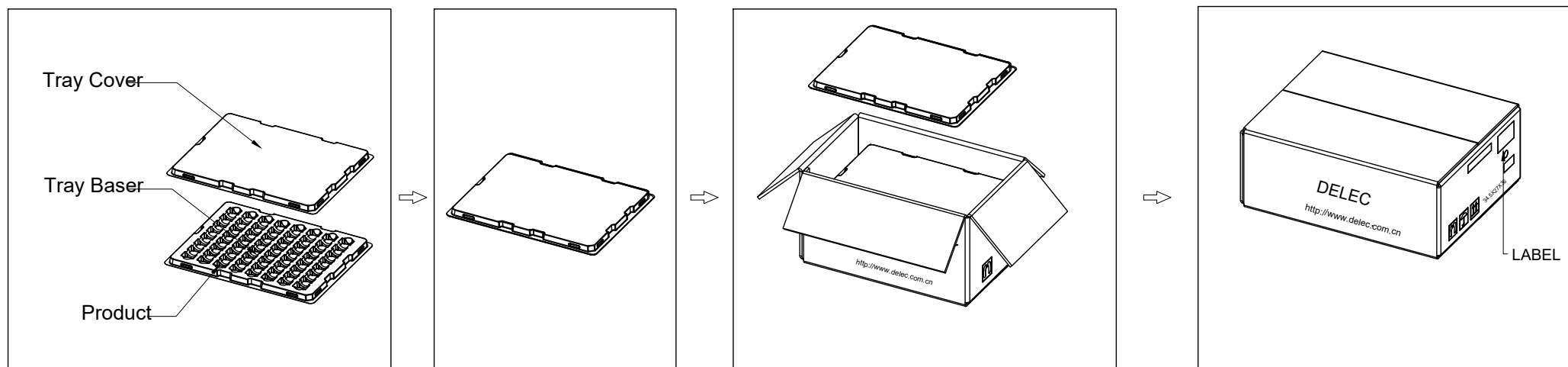
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.



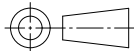
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)
TOLERANCE:±0.05

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD11556-423				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
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CHECK	CHEN	DATE	2026-09-04	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-09-04	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY
15 TRAYS (1200 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD11556-423				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
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