



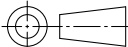
CUSTOMER APPROVAL:

APPROVED BY:

SAMPLE Q'TY: _____

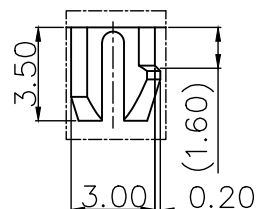
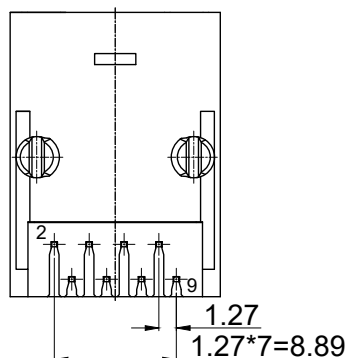
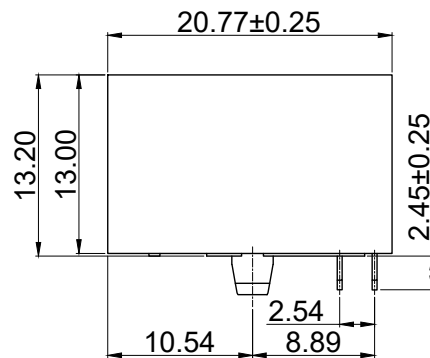
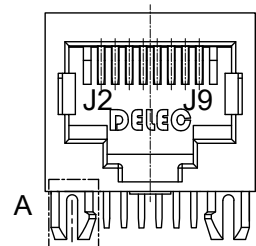
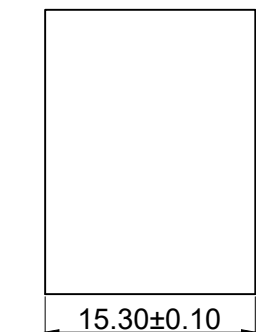
COMMENTS :

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	1	2	3	4	5	6	7	8
H	ISSUE RECORD							
	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE	
G	A	FIRST ISSUE			Chen	De	2026-07-09	
F								
E								
D								
C								
B								
A	TITLE 1X1 RJ45 10P8C WITHOUT LED WITHOUT SHIELD						东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD	
	PART NO. DY59-9431001-00G				GENERAL TOLERANCE			UNIT:MM(INCH) SIZE: A4
	DRAW	Chen	DATE	2026-07-09	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/5 REV:A
	CHECK	Li	DATE	2026-07-09	.XX±0.25	.XX±0.5°		
	APPROVE	De	DATE	2026-07-09	.XXX±0.10			
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EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN								

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MECHANICAL DIMENSION



DETAIL A
SCALE 2:1

Product Description

1. Materials:

Plastic Housing: Glass filled polyester PBT UL94V-0 (color :White)

Contacts: Phosphor bronze, T=0.35mm

AU 6 u" plated on contact area

Matte Tin plated 80u" min on solder area;

Nickel 50u" min under plating over

2. Mechanical Characteristics:

Insertion/removal cycles: Min. 750

3. Electrical Characteristics:

Current rating: 1.5 AMP

Voltage rating: 125 VAC max.

Contact resistance: 30 mΩ max.

Insulation resistance: 500 MΩ min. @ 500 VDC

Dielectric strength: 1000 VAC RMS, 60Hz, 1 min

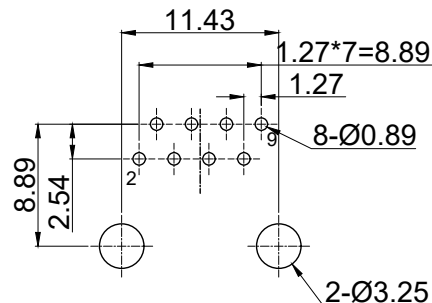
4. Environmental:

Operating temperature: -40°C ~ +85°C

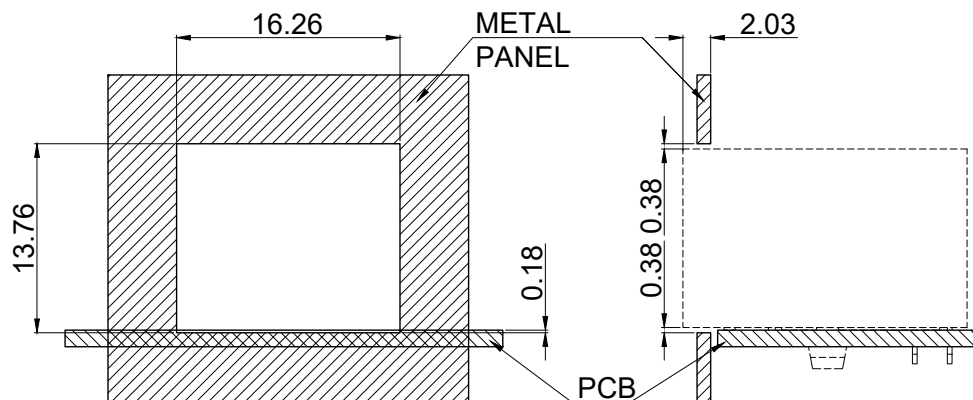
Storage temperature: -40°C ~ +85°C

TITLE 1X1 RJ45 10P8C WITHOUT LED WITHOUT SHIELD				DELEC		东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO. DY59-9431001-00G				GENERAL TOLERANCE		 SCALE: 1:1	UNIT:MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-09	.X±0.35	.X±1°		SHEET: 3/5	REV:A
CHECK	Li	DATE	2026-07-09	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-09	.XXX±0.10				

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



RECOMMENDED PCB LAYOUT



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.

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PART NO. DY59-9431001-00G				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-09	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 4/5
CHECK	Li	DATE	2026-07-09	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-09	.XXX±0.10				REV:A

12345678

H

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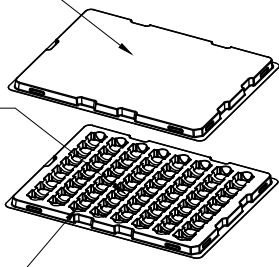
PACKAGE INFORMATION AND LABEL

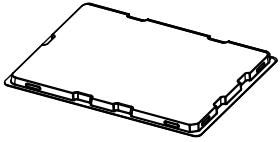


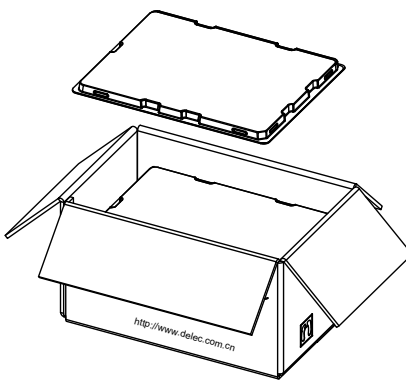
Tray Cover

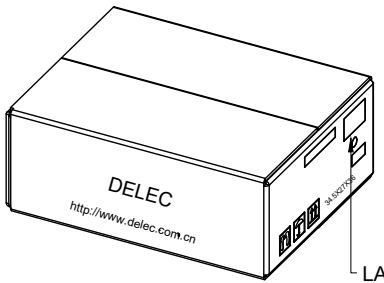
Tray Baser

Product



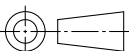






PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY

14 TRAYS (1120 PCS FINISHED GOODS) PER CARTON BOX

TITLE						东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.				DY59-9431001-00G		GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-09	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 5/5	REV:A	
CHECK	Li	DATE	2026-07-09	.XX±0.25	.XX±0.5°					
APPROVE	De	DATE	2026-07-09	.XXX±0.10						

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