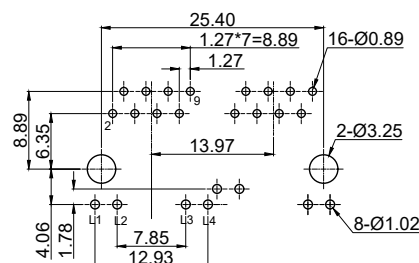
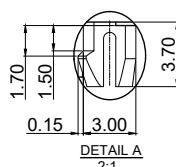
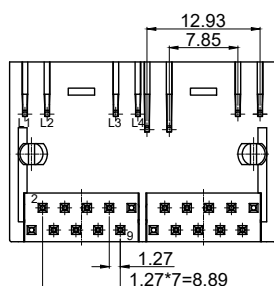
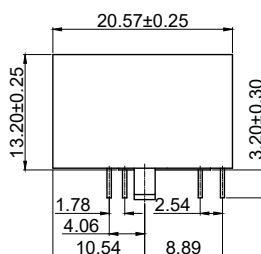
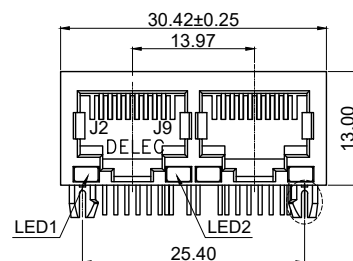


	1	2	3	4	5	6	7	8	
H	ISSUE RECORD								
G	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE		
	A	FIRST ISSUE			CHEN	De	2026-08-26		
F									
E									
D									
C									
B									
A	TITLE 1X2 RJ45 10P8C WITH LED WITHOUT SHIELD						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
	PART NO. DY59-7D22005-241				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
	DRAW	CHEN	DATE	2026-08-26	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/4	REV:A
	CHECK	Li	DATE	2026-08-26	.XX±0.25	.XX±0.5°			
	APPROVE	De	DATE	2026-08-26	.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 (B) COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

MECHANICAL DIMENSION



RECOMMENDED PCB LAYOUT



LED 1 POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	Green	+	-	Yellow

LED ELECTRICAL / OPTICAL CHARACTERISTICS:

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

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:Gray 3U)

Contact: Phosphor Bronze Ø=0.46mm 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

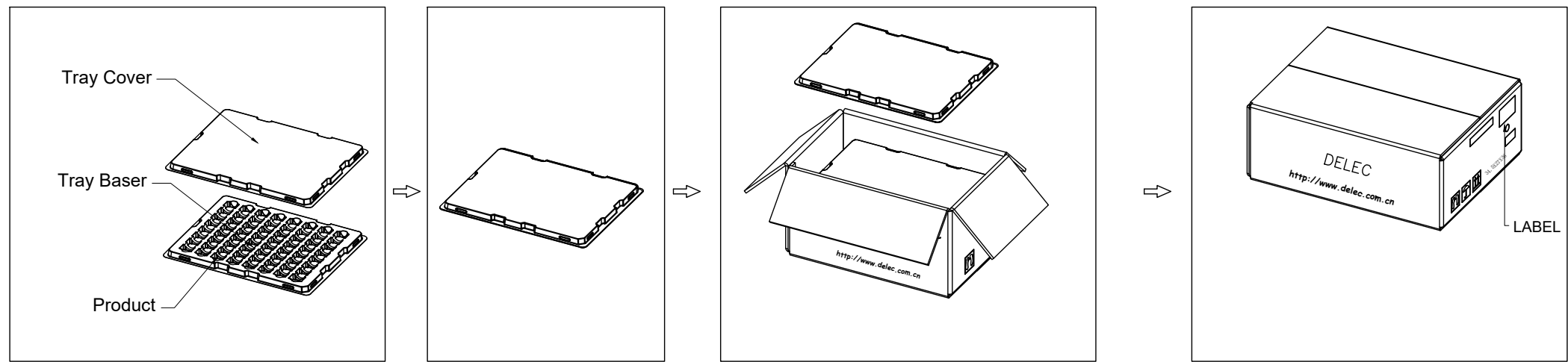
Storage temperature: -40°C~+85°C

7. Applicable printed circuit board

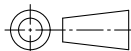
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

TITLE 1X2 RJ45 10P8C WITH LED WITHOUT SHIELD						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7D22005-241				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-26	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 3/4	REV:A
CHECK	Li	DATE	2026-08-26	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-26	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
14 TRAYS (560 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X2 RJ45 10P8C WITH LED WITHOUT SHIELD						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7D22005-241				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-26	X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/4	REV:A
CHECK	Li	DATE	2026-08-26	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-26	.XXX				