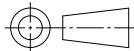
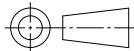
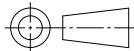


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CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONA ☐ REJECTED

ISSUED BY: _____

CHECKED BY: _____

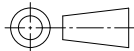
APPROVED BY: _____

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PRODUCT DRAWING

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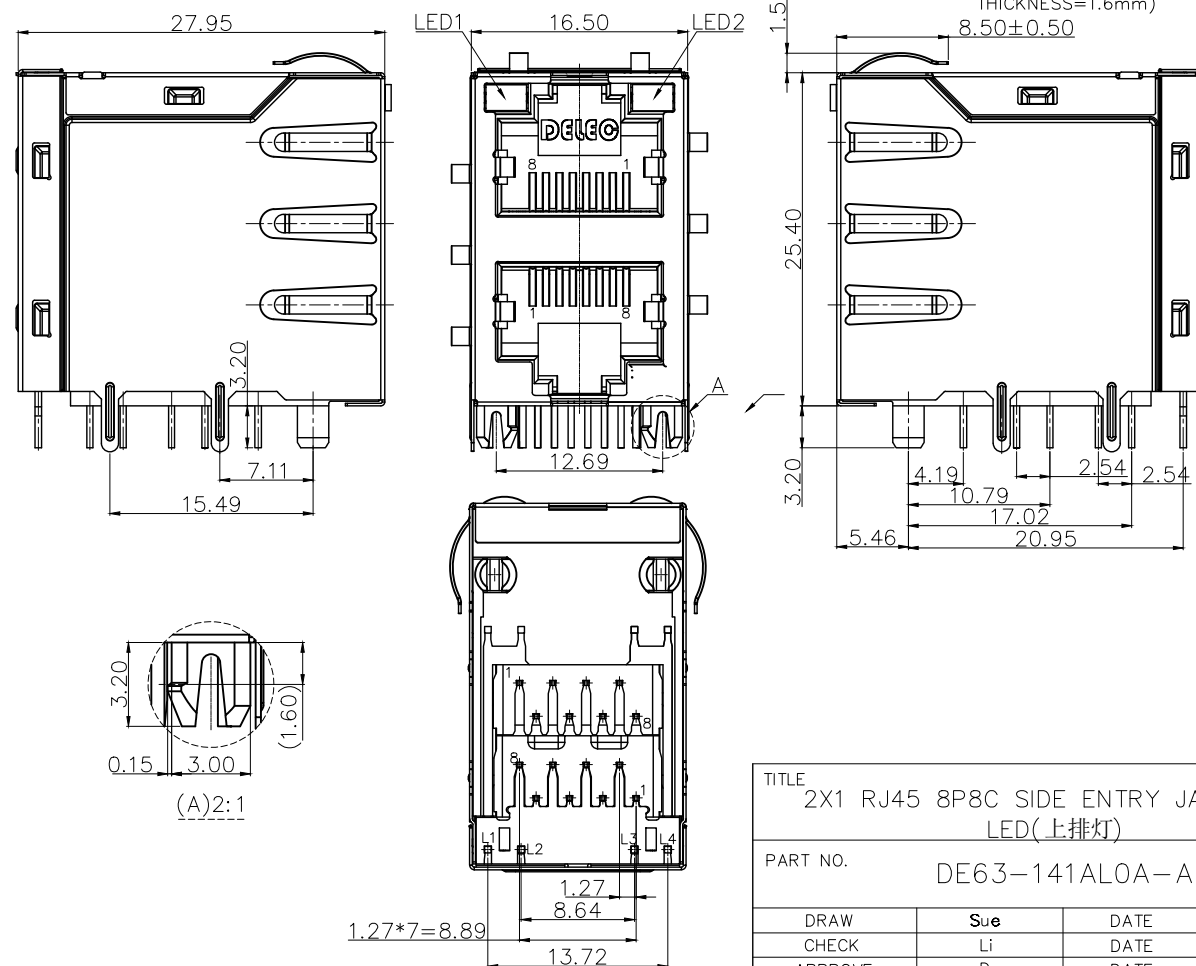
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PRODUCT DRAWING

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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: PBT Black UL94V-0.

Insert: PBT Black UL94V-0

Contact: phosphor bronze T=0.35mm Flat pin

Plating: Au 6 u" plated on contact area

Matte Tin plated 80u" min on solder

area;

Nickel 40u" min under plating over

all.

Shielded: 0.20 thickness brass

Plating: 40 u" Min 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°C~+85°C

Storage temperature: -40°C~+85°C

7. Applicable printed circuit board

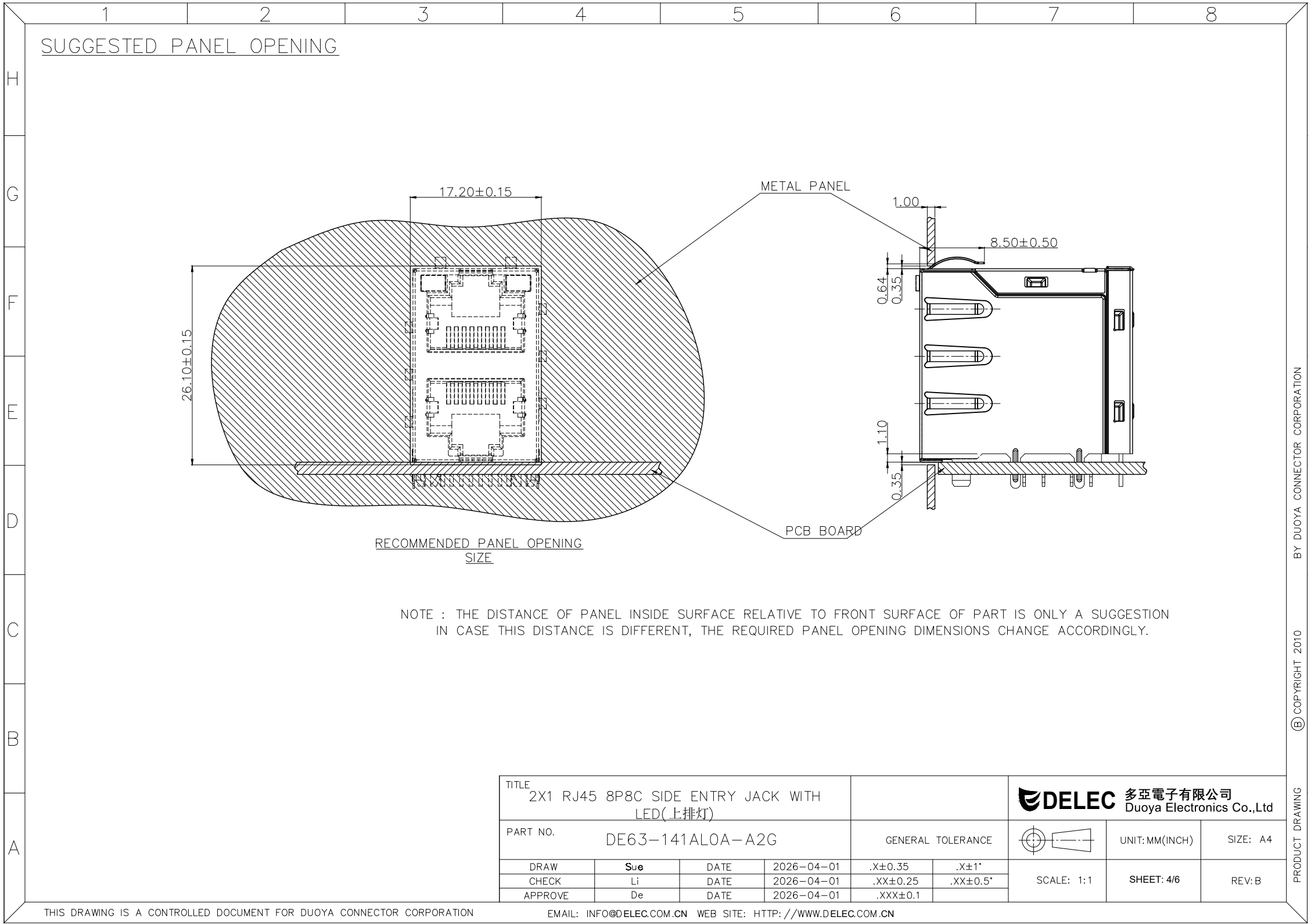
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

LED1	LED2	LED 1&3 POLARITY			LED 2&4 POLARITY		
L1 O Green	L3 O Green	L1&L5	L2&L6	COLOR	L3&L7	L4&L8	COLOR
		+	-	Green	+	-	Green
		-	+	Orange			

LED ELECTRICAL / OPTICAL CHARACTERISTICS

COLOR	IF	VF(FORWARD VOLTAGE)	XD DOMINANT WAVELENGTH
Orange	20mA	2.1 V	610nm
Green	20mA	2.1 V	565nm

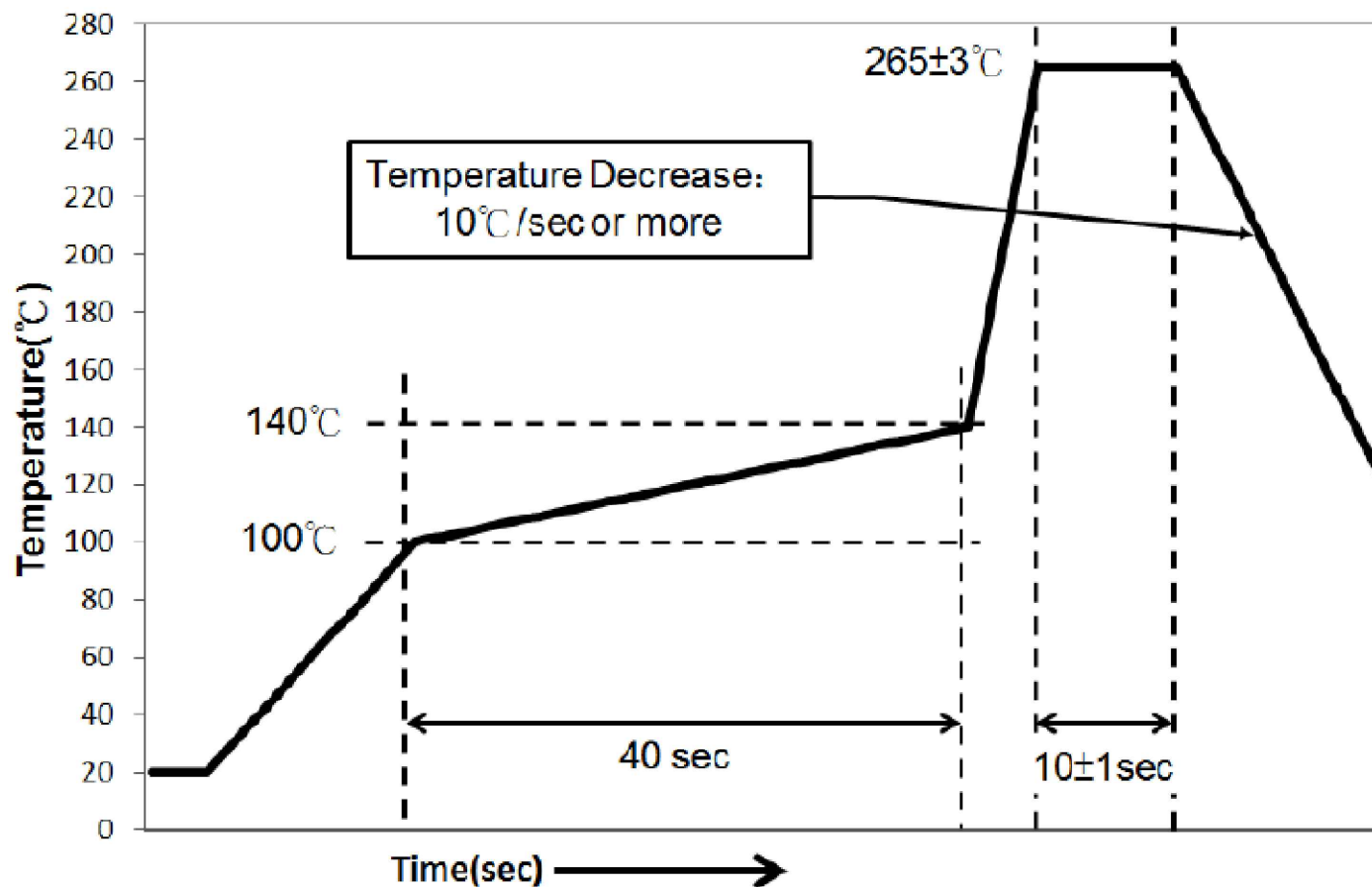
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GENERAL TOLERANCE						SCALE: 1:1 SHEET: 3/6 REV: B		
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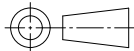


DIPPING TEMPERATURE PROFILE

Note :

The measuring point for the specified temperature shall be on the soldered part of the lead.



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CHECK	Li	DATE	2026-04-01	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-04-01	.XXX±0.1				

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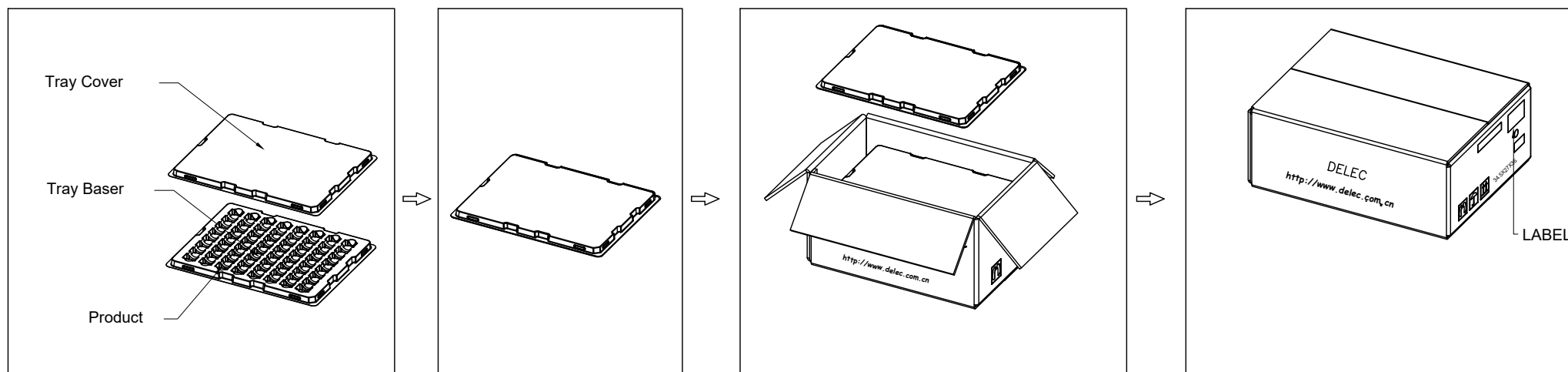
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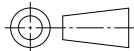
B

A

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 49 PCS FINISHED GOODS PER TRAY
10 TRAYS (490 PCS FINISHED GOODS) PER CARTON BOX

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PART NO. DE63-141A10A-A2G							UNIT: MM(INCH)	SIZE: A4
DRAW	Sue	DATE	2026-04-01	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 6/6
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