

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	Liu Ting

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

TITLE 2X6 RJ45 8P8C SIDE ENTRY JACK WITH SHIELD AND LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd			
PART NO. DY60-7A1GF06-42K				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4	
DRAW	CHEN	DATE	2026-09-19	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 1/5	REV:B
CHECK	WEIDE LI	DATE	2026-09-19	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-09-19	.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

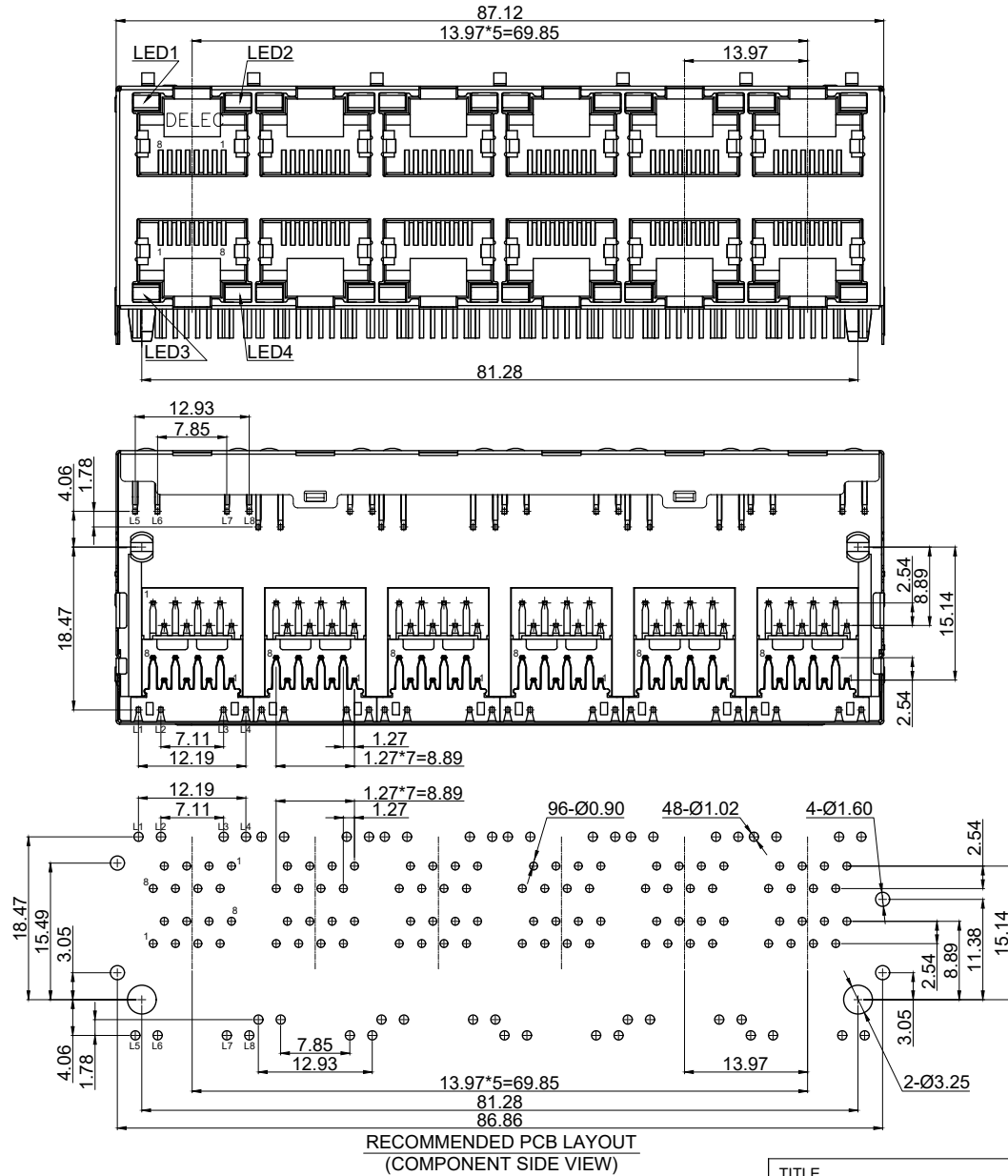
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PRODUCT DRAWING

	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	2026-09-14		
	B	ADD P/N DATE CODE			CHEN	De	2026-09-19		
F									
E									
D									
C									
B									
A	TITLE 2X6 RJ45 8P8C SIDE ENTRY JACK WITH SHIELD AND LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
	PART NO. DY60-7A1GF06-42K				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
	DRAW	CHEN	DATE	2026-09-19	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/5	REV:B
	CHECK	WEIDE LI	DATE	2026-09-19	.XX±0.25	.XX±0.5°			
	APPROVE	De	DATE	2026-09-19	.XXX				
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MECHANICAL DIMENSION



SPECIFICATION NOTES

ELECTRICAL:

- VOLTAGE RATING: 125 VAC RMS
- CURRENT RATING: 1.5 AMP
- CONTACT RESISTANCE : 20mΩ MAX.
- INSULATION RESISTANCE : 1000MΩ MIN. AT500 DC.
- DIELECTRIC STRENGTH : 1000 V AC OR 1500V DC RMS AT 0.5mA 50 Hz/60 Hz FOR 1 MINUTE

MECHANICAL:

- HOUSING: THERMOPLASTIC PA46
FLAMMABILITY RATING UL94V-0. (COLOR:PANTONE BLACK)
- CONTACT MATERIAL: PHOSPHOR BRONZE T=0.35
- PLATING : AU 30 U" PLATED ON CONTACT AREA
MATTE TIN PLATED 80U" MIN ON SOLDER AREA
NICKEL 40 U" MIN UNDER PLATING OVER ALL
- HIEMED : SUS304 T=0.20
- OPERATING LIFE 750 CYCLES MIN
- MATING/UNMATING FORCE : 30N/3.06 Kgf MAX
- RETENTION STRENGTH :70N MIN .FOR 60S±5S

ENVIRONMENTAL

- STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%
- GUARANTEE PERIOD : 12 MONTHS
- OPERATION : -40°C TO +85°C

LED1&3

L1&5 ○
Yellow ⊕
L2&6 ○

LED2&4

L3&7 ○
Green ⊕
L4&8 ○

LED 1&3 POLARITY			LED 2&4 POLARITY		
L1&5	L2&6	COLOR	L3&7	L4&8	COLOR
+	-	Yellow	+	-	Green

LED ELECTRICAL / OPTICAL CHARACTERISTICS:

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

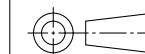
TITLE
2X6 RJ45 8P8C SIDE ENTRY JACK WITH SHIELD AND LED

PART NO.
DY60-7A1GF06-42K

DRAW	CHEN	DATE	2026-09-19	X±0.35	.X±1°
CHECK	WEIDE LI	DATE	2026-09-19	.XX±0.25	.XX±0.5°
APPROVE	De	DATE	2026-09-19	.XXX	



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

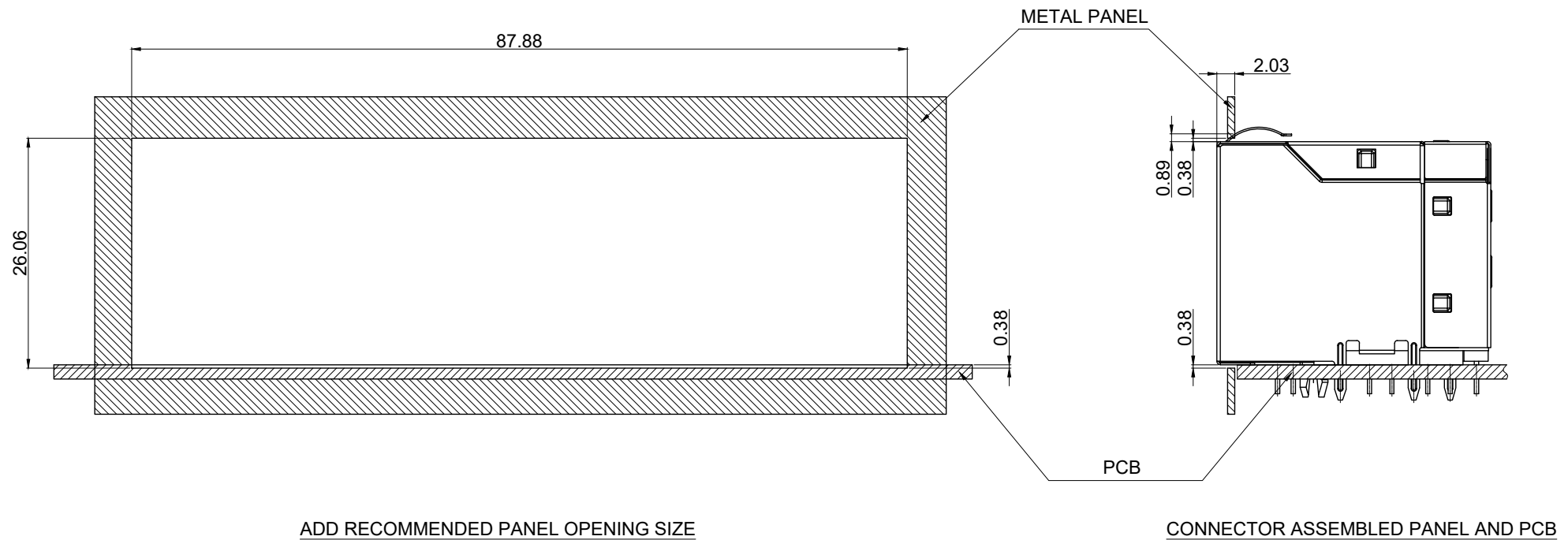


SCALE: 1:1

UNIT:MM(INCH) SIZE: A4

SHEET: 3/5 REV:B

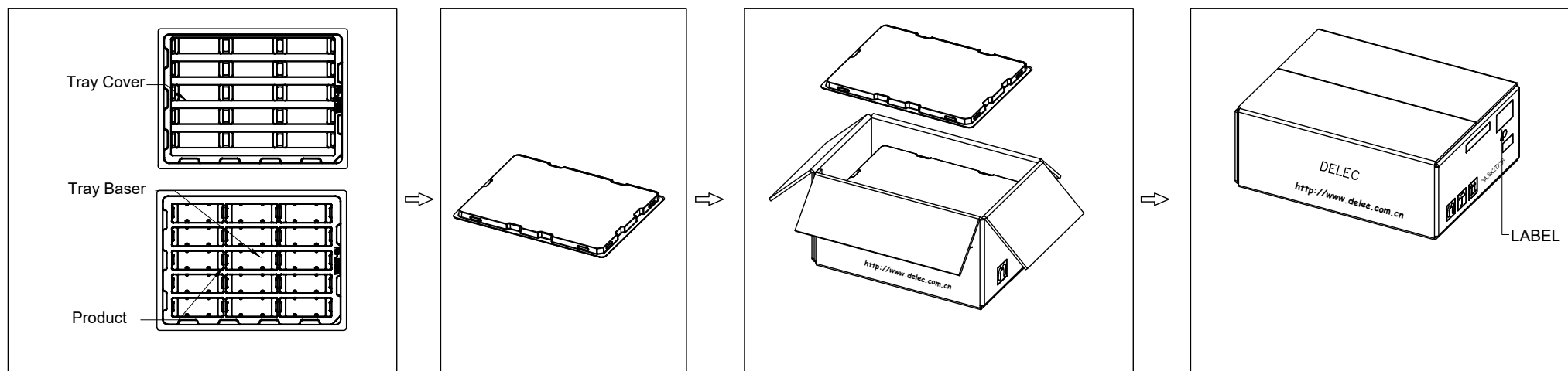
SUGGESTED PANEL OPENING



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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APPROVE	De	DATE	2026-09-19	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY
11 TRAYS (165 PCS FINISHED GOODS) PER CARTON BOX

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