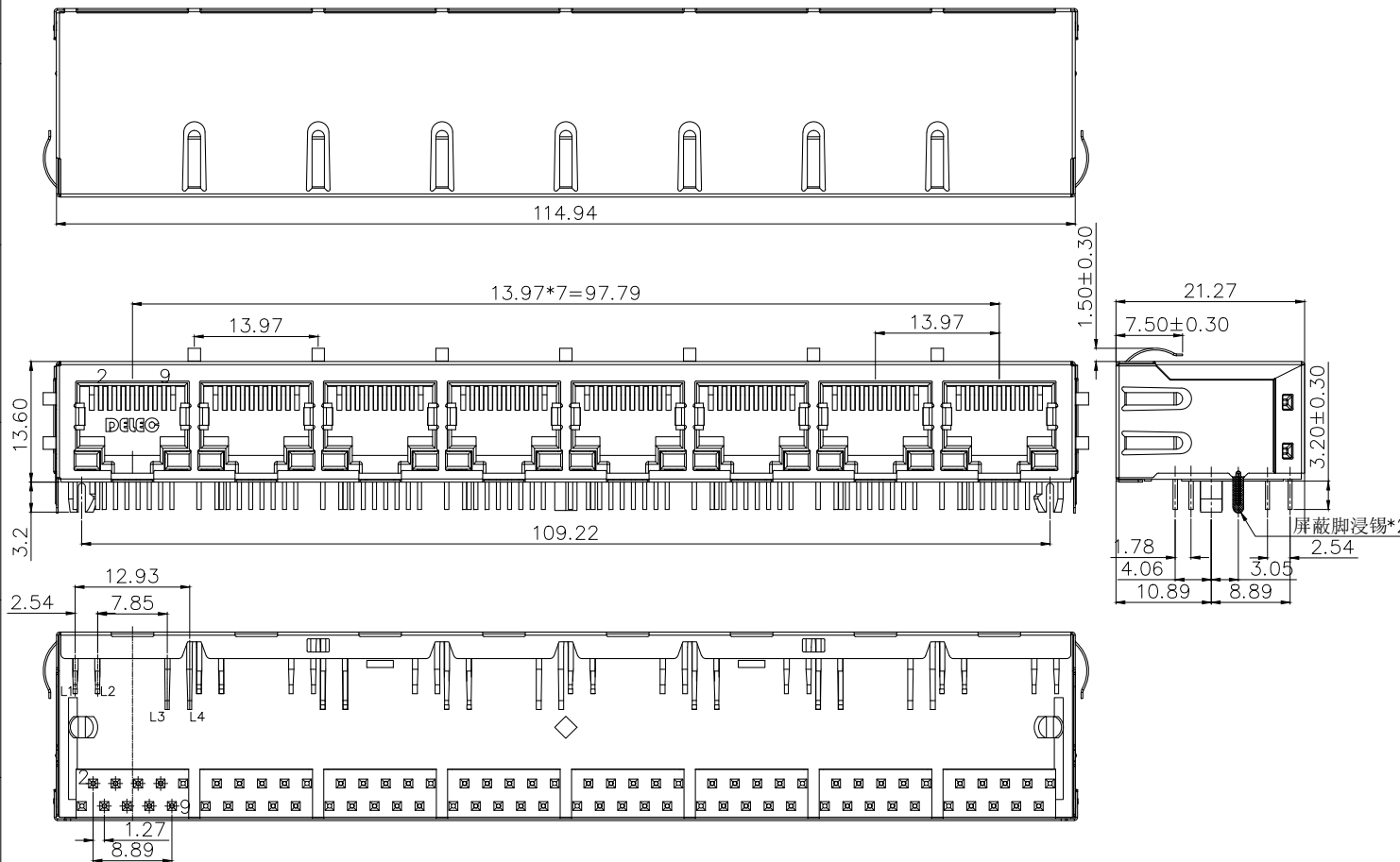


MECHANICAL DIMENSION



LED1&3 LED2&4



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

LED ELECTRICAL / OPTICAL CHARACTERISTICS			
COLOR	IF	VF(FORWARD VOLTAGE)	DOMINANT WAVELENGTH
GREEN	20mA	2.2 V	565nm
Orange	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

Housing:Glass filled(PA46) polyester UL94V-0, pantone Black
Contact: Phosphor bronze 0.46mm round Pin
Plating: Fu "Gold plating over nickel
Shielded: 0.20 thickness SUS304
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

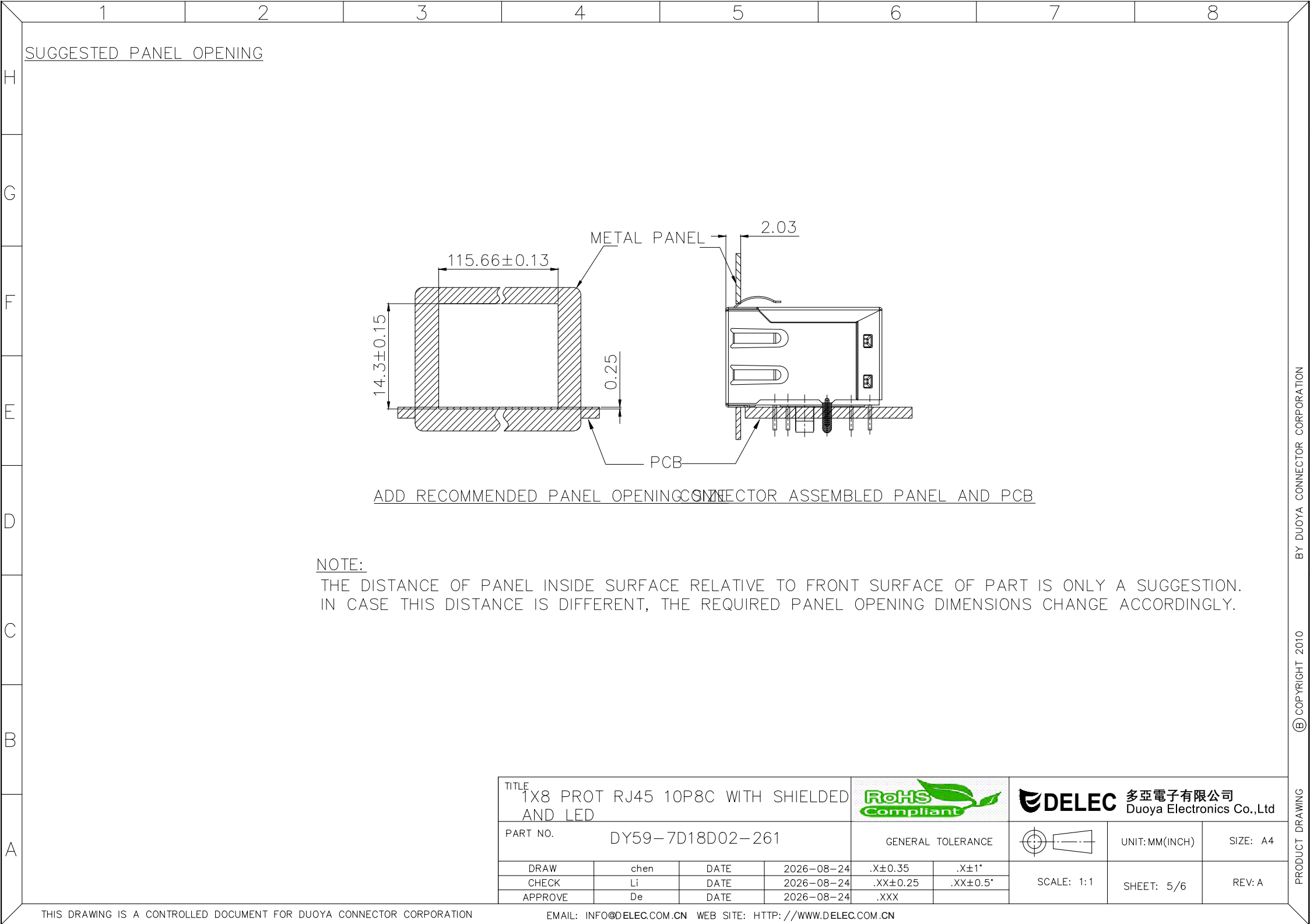
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

TITLE 1X8 PROT RJ45 10P8C WITH SHIELDED AND LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd	
PART NO. DY59-7D18D02-261				GENERAL TOLERANCE		UNIT: MM(INCH)	SIZE: A4
DRAW	chen	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 3/6
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°		
APPROVE	De	DATE	2026-08-24	.XXX			
						REV: A	

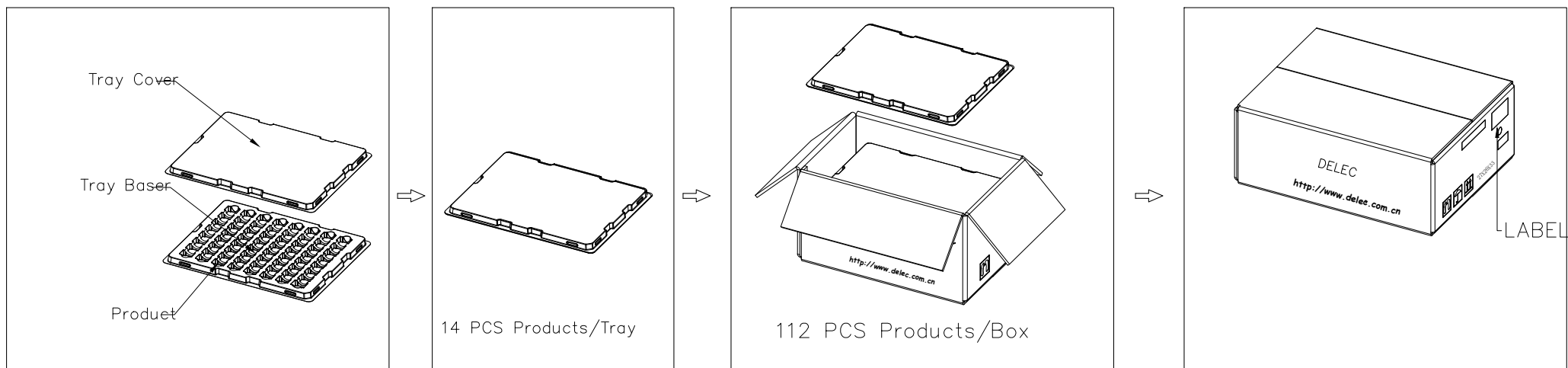
A
B
C
D
E
F
G
H



TITLE 1X8 PROT RJ45 10P8C WITH SHIELDED AND LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7D18D02-261				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	chen	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/6	REV: A
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				



PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 14 PCS FINISHED GOODS PER TRAY
8 TRAYS (112 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X8 PROT RJ45 10P8C WITH SHIELDED AND LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7D18D02-261				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	chen	DATE	2026-08-24	.X±0.35	.X±1°		SCALE: 1:1	SHEET: 6/6
CHECK	Li	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				REV: A