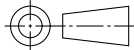
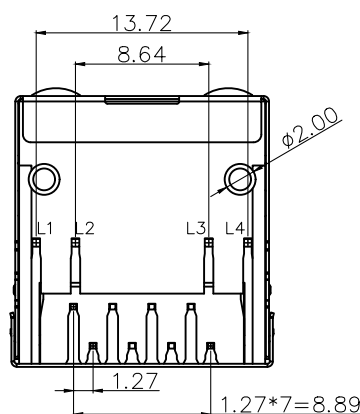
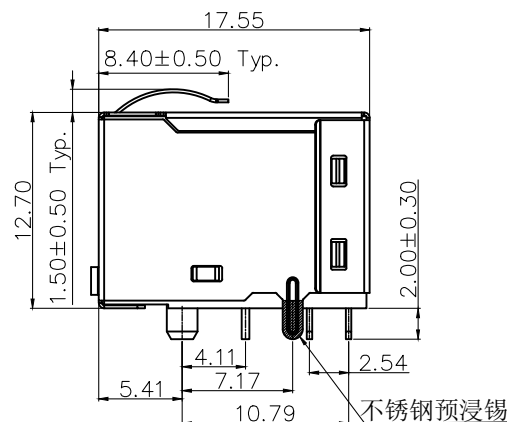
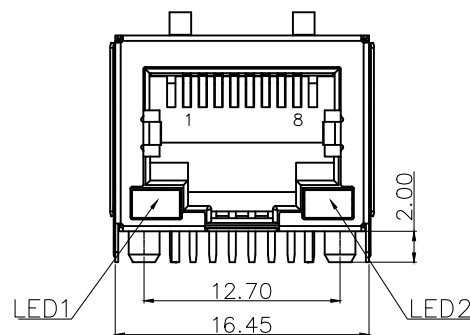
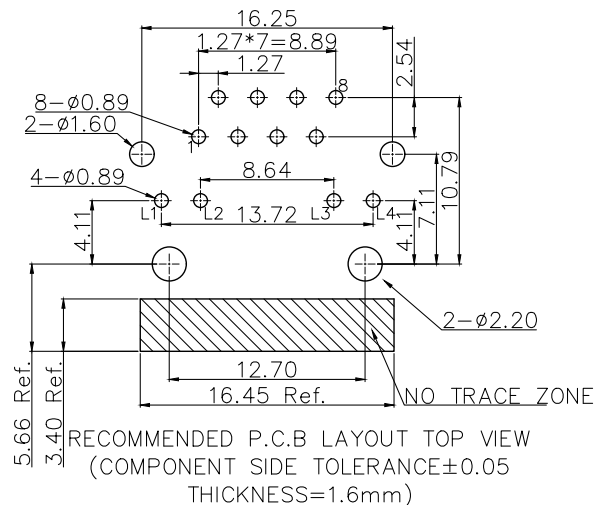
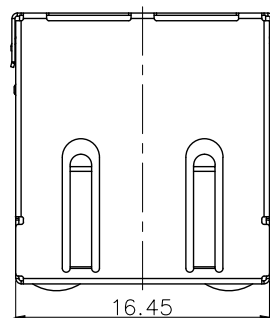


1	2	3	4	5	6	7	8																
H	SPECIFICATION FOR APPROVAL																						
G																							
F	<table><tr><td colspan="3"></td></tr><tr><td>MARKETING GROUP</td><td>R&D GROUP</td><td>QA GROUP</td></tr><tr><td>ISSUED BY</td><td>CHECKED BY</td><td>QA INSPECTION</td></tr><tr><td>Chen</td><td>Weide Li</td><td>Liu Ting</td></tr></table>										MARKETING GROUP	R&D GROUP	QA GROUP	ISSUED BY	CHECKED BY	QA INSPECTION	Chen	Weide Li	Liu Ting	<u>CUSTOMER</u> CUSTOMER APPROVAL: ☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED ISSUED BY: _____ CHECKED BY: _____ APPROVED BY: _____			
																							
MARKETING GROUP	R&D GROUP	QA GROUP																					
ISSUED BY	CHECKED BY	QA INSPECTION																					
Chen	Weide Li	Liu Ting																					
E	CUSTOMER: _____																						
D	CUSTOMER PART NO: _____																						
C	SAMPLE Q'TY: _____ COMMENTS: _____																						
B																							
A																							

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY56-H511F01-2JK				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-17	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: A
CHECK	Chen	DATE	2026-07-17	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-07-17	.XXX±0.15				

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: PA10T BLACK UL94V-0.

Insert: PA10T BLACK UL94V-0.

Contact: phosphor bronze Ø0.35mm

Plating: 30 u" Gold plating over 30 u" Min nickel

Shielded: Stainless steel, Thickness=0.20mm, Pre-soldering

Plating:30 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~+95°C

Storage temperature: -40°C~+95°C

7.Applicable printed circuit board

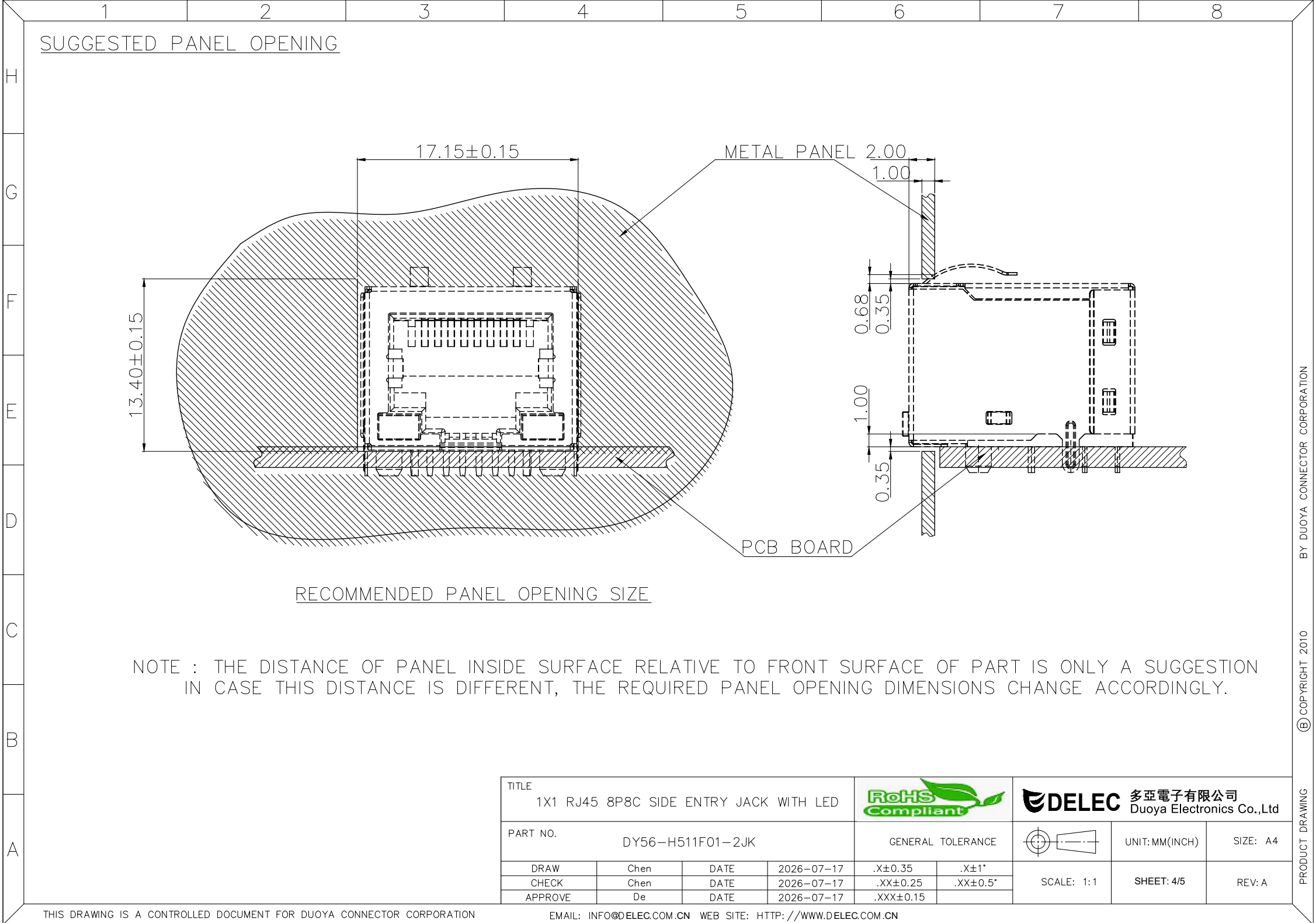
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

LED1	LED2	LED 1 POLARITY			LED 2 POLARITY		
		L1	L2	COLOR	L3	L4	COLOR
L1o L2o	L3o L4o	+	-	Green	+	-	Green
					-	+	Orange

LED ELECTRICAL / OPTICAL CHARACTERISTICS

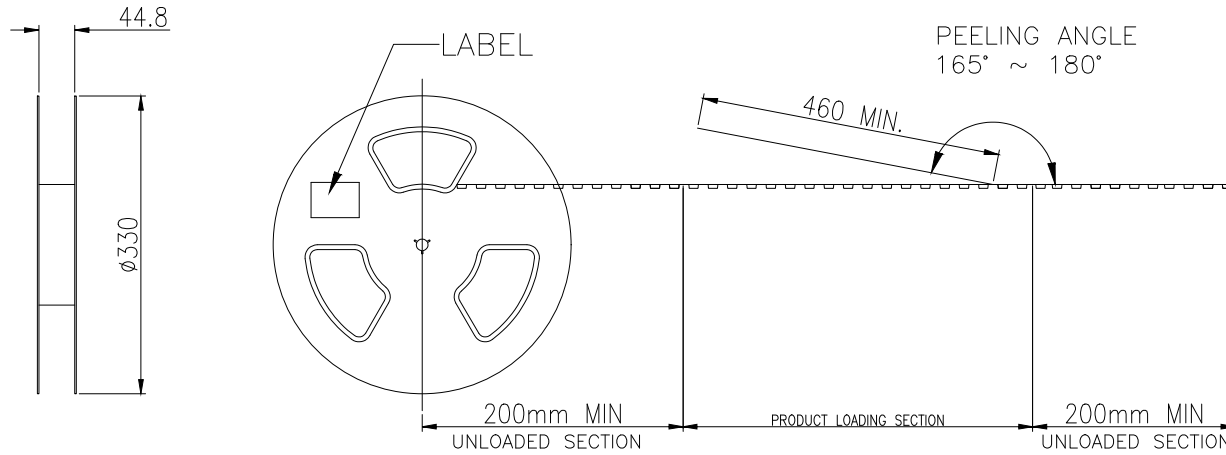
COLOR	IF	VF(FORWARD VOLTAGE)	λD DOMINANT WAVELENGTH
Green	20mA	2.2 V	565nm
Orange	20mA	2.1 V	630nm

TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED						RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd	
PART NO. DY56-H511F01-2JK						GENERAL TOLERANCE		UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-07-17	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 3/5	REV: A
CHECK	Chen	DATE	2026-07-17	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-07-17	.XXX±0.15					



TITLE 1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY56-H511F01-2JK				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
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APPROVE	De	DATE	2026-07-17	.XXX±0.15				

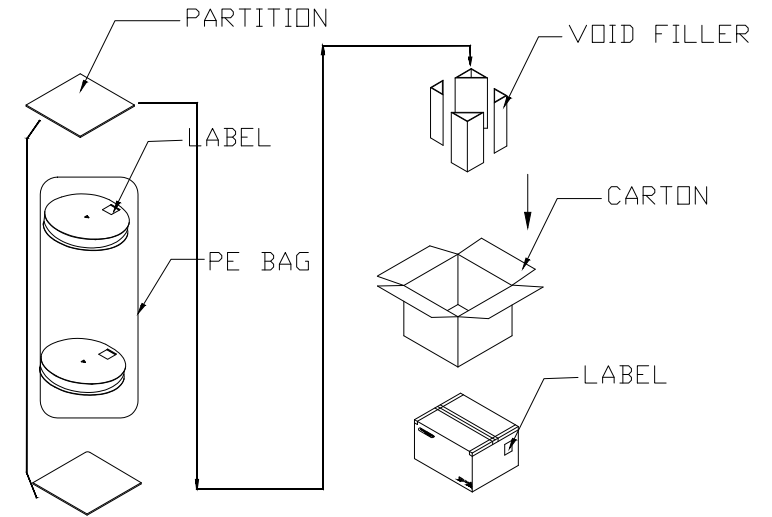
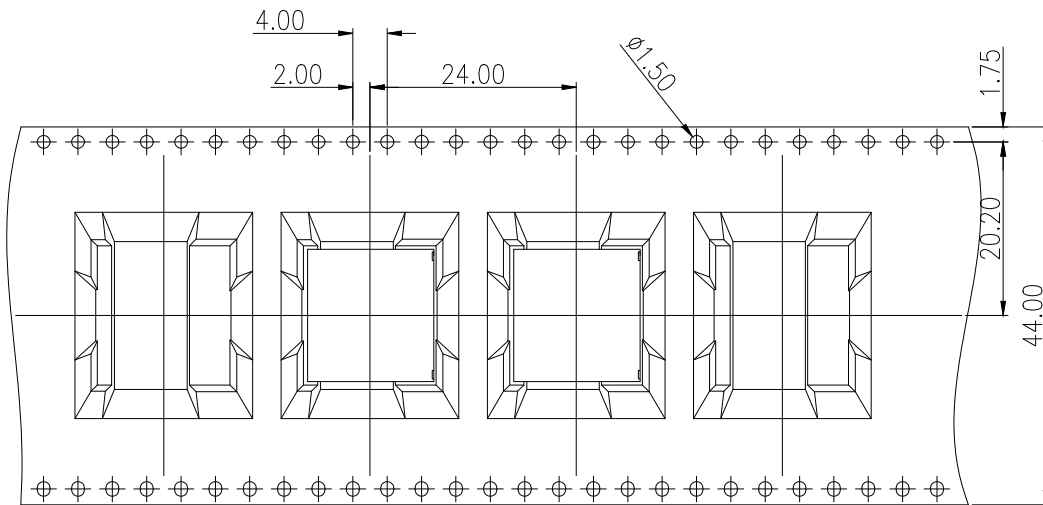
PACKAGE INFORMATION AND LABEL



NOTES :

- MATERIAL :
COVER TAPE : P.S T=0.05mm
CARRIER TAPE : P.S T=0.40mm
CARTON: CORRUGATED FIBER
- DIMENSION :
REEL : SEE DRAWING
SHIPPING BOX: 350X350X300mm
- QUANTITY : SEE TABLE
- PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
- PEELING SPEED : 300mm/MINUTES

PULL OUT DIRECTION



FOR 12~60 PINS.

150	5	750
PCS/REEL	REEL/BOX	TOTAL Q'TY

TITLE						 多亞電子有限公司 Duoya Electronics Co.,Ltd			
1X1 RJ45 8P8C SIDE ENTRY JACK WITH LED									
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