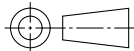


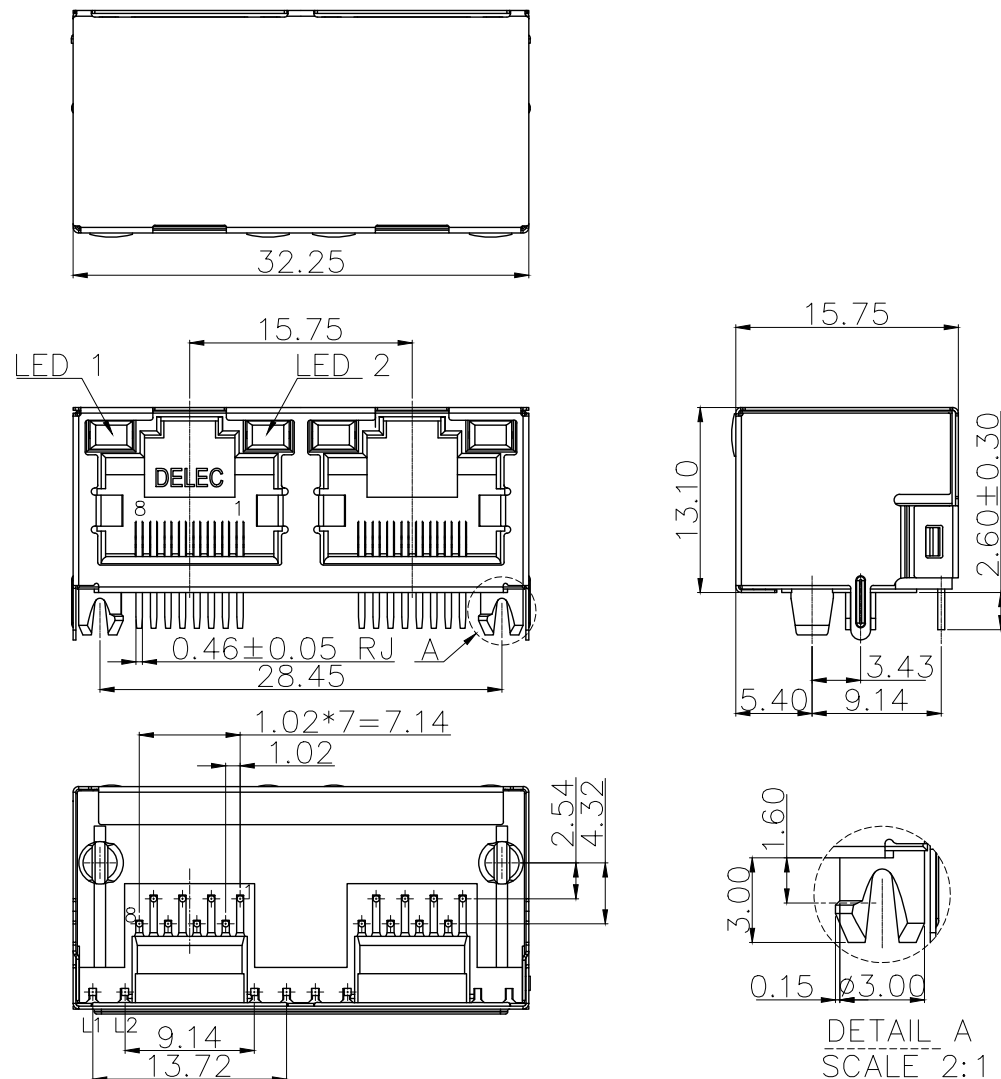
1	2	3	4	5	6	7	8										
H	SPECIFICATION FOR APPROVAL																
G																	
F																	
E																	
D	 <table><tr><td>MARKETING GROUP</td><td>R&D GROUP</td><td>QA GROUP</td></tr><tr><td>ISSUED BY</td><td>CHECKED BY</td><td>QA INSPECTION</td></tr><tr><td>CHEN</td><td>Weide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

TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD12146-LL1				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: A
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				

	1	2	3	4	5	6	7	8	
H	ISSUE RECORD								
	REV	DESCRIPTION OF CHANGE			DRAW	APPROVE	ISSUE DATE		
G	A	FIRST ISSUE			CHEN	De	2026-08-24		
F									
E									
D									
C									
B									
A	TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
	PART NO. DY58-HD12146-LL1				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
	DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 2/5	REV: A
	CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
	APPROVE	De	DATE	2026-08-24	.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



LED 1 POLARITY		LED 2 POLARITY	
L1	L2	L3	L4
+	-	+	-
-	+	-	+

LED ELECTRICAL / OPTICAL CHARACTERISTICS

COLOR	IF	VF(FORWARD VOLTAGE)	XD 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 :pantone Black)

Contact: phosphor bronze $\varnothing=0.46\text{mm}$ round Pin

Au Fu" plated on contact area

Matte Tin plated 80u" min on solder area;

Nickel 50u" min under plating over all.

Shielded: SUS304 T=0.20 , Nickel plating

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:

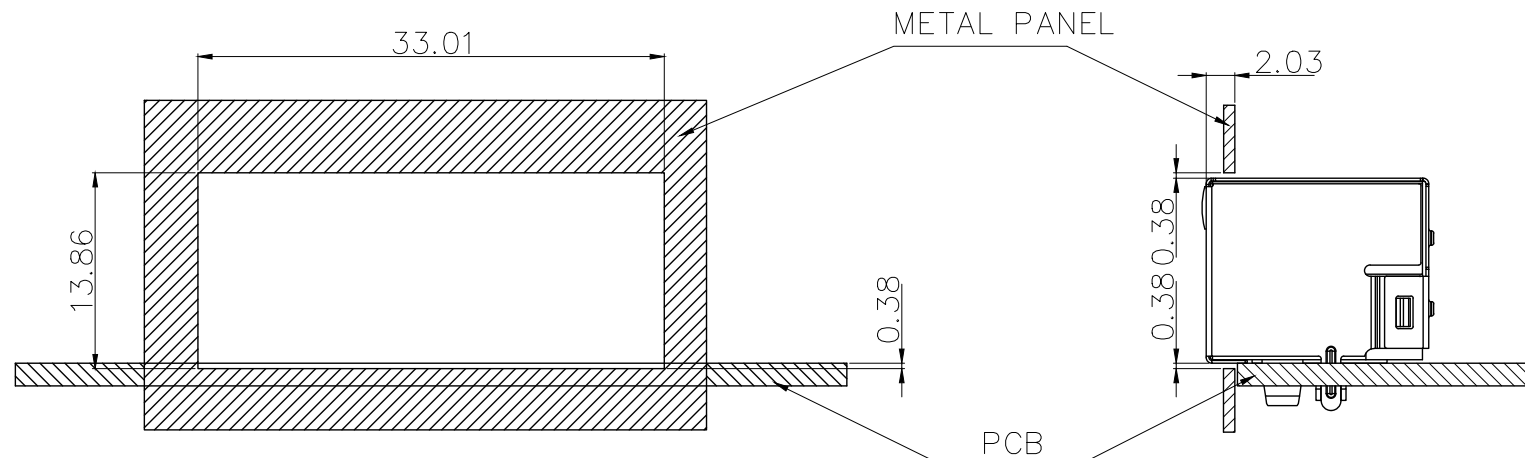
Operating temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Storage temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

7. Applicable printed circuit board

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

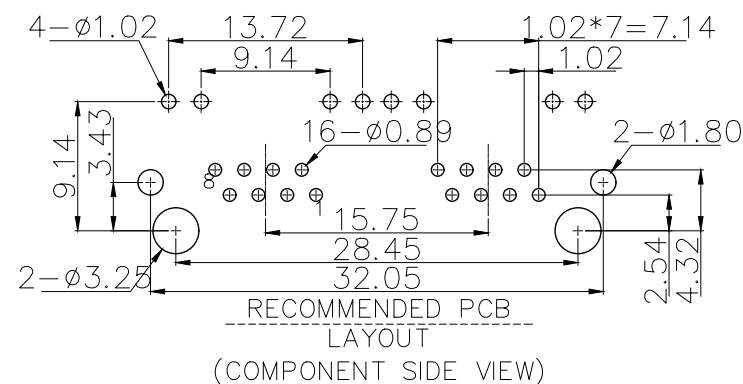
TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co., Ltd	
PART NO. DY58-HD12146-LL1				GENERAL TOLERANCE		UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 3/5
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°		
APPROVE	De	DATE	2026-08-24	.XXX			



ADD RECOMMENDED PANEL OPENING
SIZE

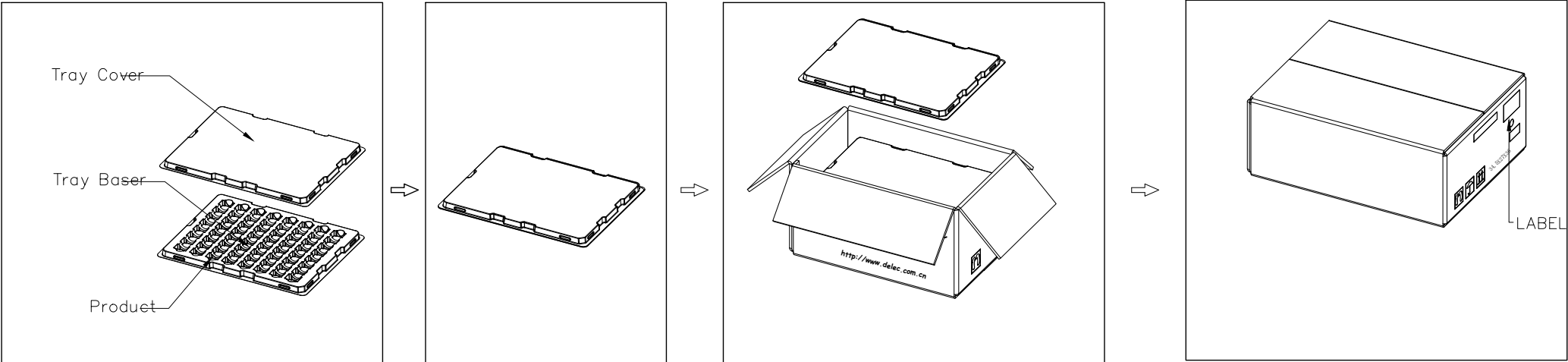
CONNECTOR ASSEMBLED PANEL AND PCB

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.



TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED						RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd	
PART NO. DY58-HD12146-LL1						GENERAL TOLERANCE		UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1		SHEET: 4/5	REV: A
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°				
APPROVE	De	DATE	2026-08-24	.XXX					

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
14 TRAYS (840 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X2 RJ45 8P8C SIDE ENTRY JACK WITH LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY58-HD12146-LL1				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-24	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 5/5	REV: A
CHECK	CHEN	DATE	2026-08-24	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-24	.XXX				