

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	Tian Ming

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

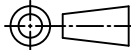
APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

TITLE 1X8 RJ45 8P8C VERTICAL WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co., Ltd		
PART NO. DY68-4D18009-001				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-31	. X ±0. 35	. X ±1 °	SCALE: 1:1	SHEET: 1/4	REV:A
CHECK	Li	DATE	2026-08-31	. XX ±0. 25	. XX ±0. 5 °			
APPROVE	De	DATE	2026-08-31	. XXX				

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

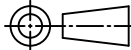
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

BY DUOYA CONNECTOR CORPORATION

PRODUCT DRAWING

© COPYRIGHT 2010

	1	2	3	4	5	6	7	8																																																																																															
H	ISSUE RECORD <table><thead><tr><th>REV</th><th>DESCRIPTION OF CHANGE</th><th>REVIEWED BY</th><th>APPROVED BY</th><th>ISSUE DATE</th></tr></thead><tbody><tr><td>A</td><td>FIRST ISSUE</td><td>chen</td><td>De</td><td>2026-08-31</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>								REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE	A	FIRST ISSUE	chen	De	2026-08-31																																																																																					
REV									DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE																																																																																											
A									FIRST ISSUE	chen	De	2026-08-31																																																																																											
G																																																																																																							
F																																																																																																							
E																																																																																																							
D																																																																																																							
C																																																																																																							
B																																																																																																							
A																																																																																																							

TITLE 1X8 RJ45 8P8C VERTICAL WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co., Ltd		
PART NO. DY68-4D18009-001				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-31	. X ± 0. 35	. X ± 1 °	SCALE: 1:1	SHEET: 2/4	REV:A
CHECK	Li	DATE	2026-08-31	. XX ± 0. 25	. XX ± 0. 5 °			
APPROVE	De	DATE	2026-08-31	. XXX				

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

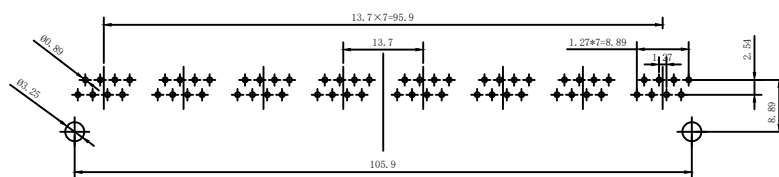
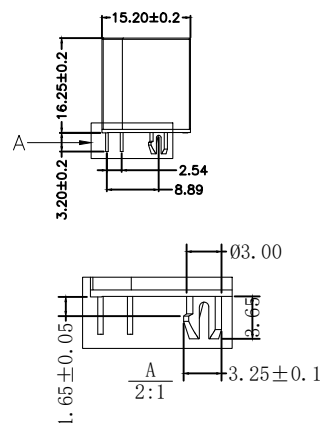
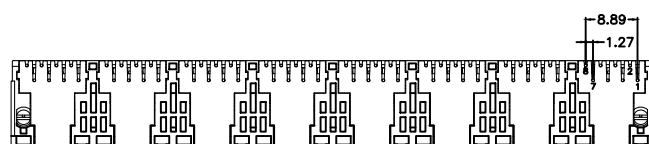
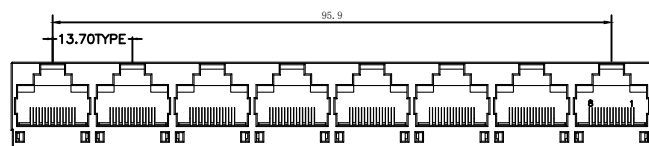
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING

BY DUOYA CONNECTOR CORPORATION

© COPYRIGHT 2010

MECHANICAL DIMENSION



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)

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 polyester UL94V-0, pantone Black

Contact: Phosphor bronze $\varnothing=0.46\text{mm}$ Round Pin

Plating: F U" Gold plating over nickel

PCB retention fre-solder: 1LB min.

PCB retention post-solder: 10 LBs 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:

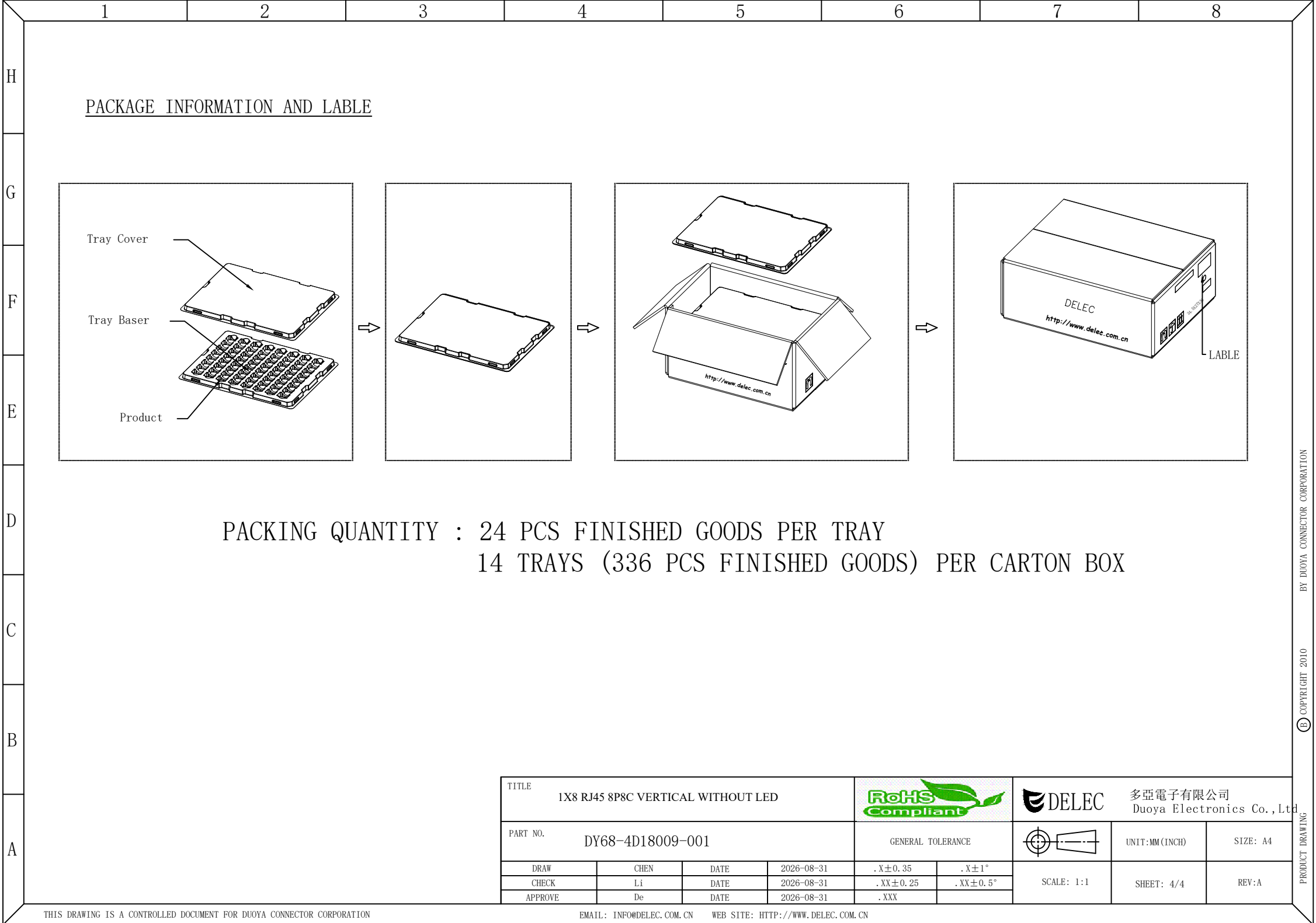
Operating temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

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 1X8 RJ45 8P8C VERTICAL WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co., Ltd		
PART NO. DY68-4D18009-001				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-08-31	. X±0.35	. X±1°	SCALE: 1:1	SHEET: 3/4	REV:A
CHECK	Li	DATE	2026-08-31	. XX±0.25	. XX±0.5°			
APPROVE	De	DATE	2026-08-31	. XXX				



PACKING QUANTITY : 24 PCS FINISHED GOODS PER TRAY
14 TRAYS (336 PCS FINISHED GOODS) PER CARTON BOX

TITLE 1X8 RJ45 8P8C VERTICAL WITHOUT LED						多亞電子有限公司 Duoya Electronics Co., Ltd	
PART NO. DY68-4D18009-001				GENERAL TOLERANCE			UNIT:MM (INCH) SIZE: A4
DRAW	CHEN	DATE	2026-08-31	. X±0. 35	. X±1°	SCALE: 1:1	SHEET: 4/4
CHECK	Li	DATE	2026-08-31	. XX±0. 25	. XX±0. 5°		
APPROVE	De	DATE	2026-08-31	. XXX			