

	1	2	3	4	5	6	7	8									
H	SPECIFICATION FOR APPROVAL																
G	 <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>Liu Ting</td></tr></table>			MARKETING GROUP	R&D GROUP	QA GROUP	ISSUED BY	CHECKED BY	QA INSPECTION	chen	Weide Li	Liu Ting	CUSTOMER CUSTOMER APPROVAL: ☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED				
MARKETING GROUP	R&D GROUP	QA GROUP															
ISSUED BY	CHECKED BY	QA INSPECTION															
chen	Weide Li	Liu Ting															
F				ISSUED BY : _____													
E	CUSTOMER: _____			CHECKED BY: _____													
D	CUSTOMER PART NO:			APPROVED BY: _____													
C	SAMPLE Q'TY:			COMMENTS : _____													
B																	
A																	
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION				EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN													

TITLE RJ45 1X1 8P8C TAB DOWN WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7B11101-00G				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-08-25	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 1/5	REV: B
CHECK	Chen	DATE	2026-08-25	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-25	.XXX				

	1	2	3	4	5	6	7	8
H	ISSUE RECORD							
	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE	
G	A	FIRST ISSUE			Chen	De	2026-08-19	
	B	UPDATE SPECIFICATION AND PERFORMANCE			Chen	De	2026-08-25	
F								
E								
D								
C								
B								
A								

TITLE				RJ45 1X1 8P8C TAB DOWN WITHOUT LED				 多亞電子有限公司 Duoya Electronics Co.,Ltd	
PART NO.				DY59-7B11101-00G		GENERAL TOLERANCE			
DRAW		Chen		DATE		2026-08-25		.X±0.35 .X±1°	
CHECK		Chen		DATE		2026-08-25		.XX±0.25 .XX±0.5°	
APPROVE		De		DATE		2026-08-25		.XXX	
								SCALE: 1:1	
								UNIT: MM(INCH)	
								SIZE: A4	
								SHEET: 2/5	
								REV: B	

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

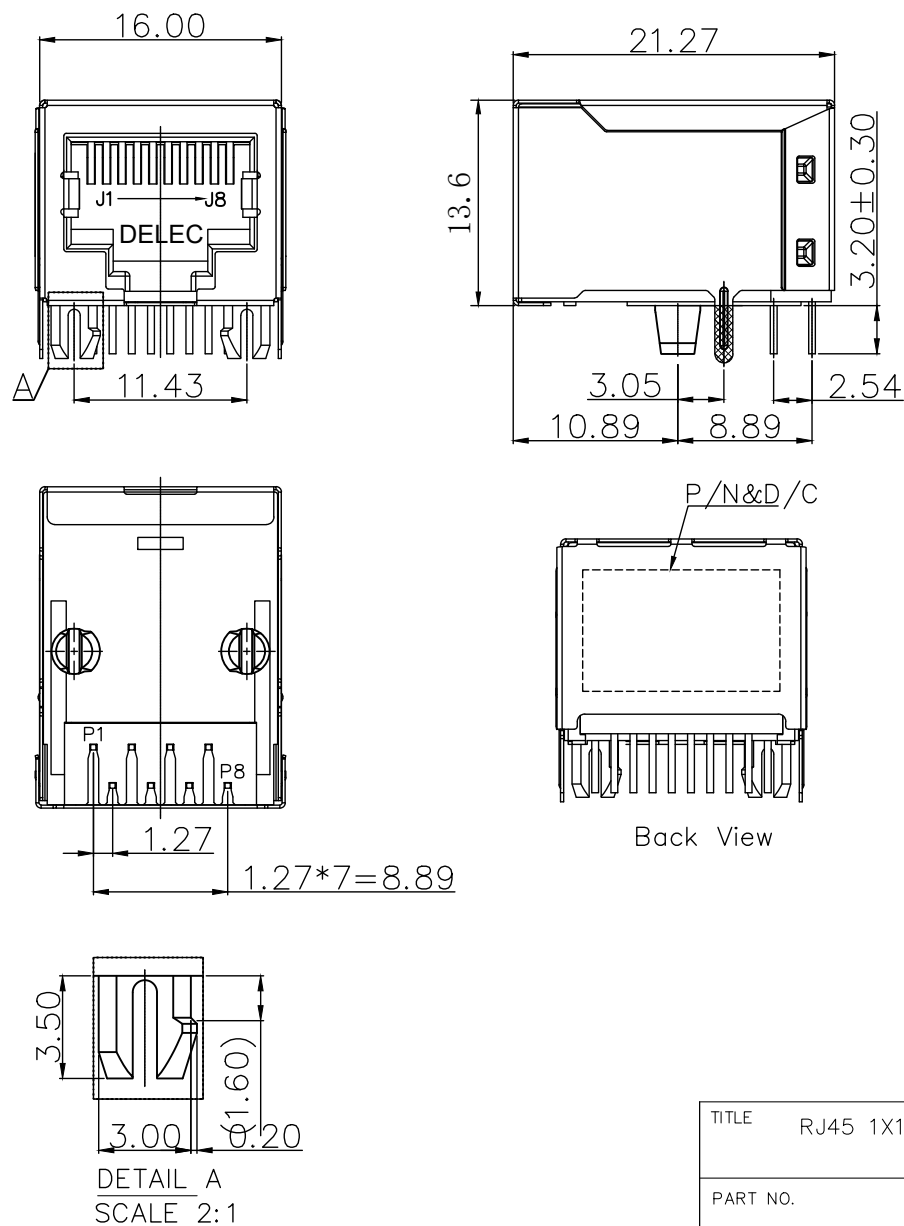
EMAIL: INFO@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING

BY DUOYA CONNECTOR CORPORATION

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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:thermoplastic LCP, flammability rating UL94V-0 (color :pantone Black)

Contact: phosphor bronze $\varnothing=0.30\text{mm}$ Flat Pin

Au 6 u" plated on contact area

Matte Tin plated 80u" min on solder area;

Nickel 50u" min under plating over all.

Shielded: SUS304 T=0.20, Pre-Tins

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: 2.0AMP

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

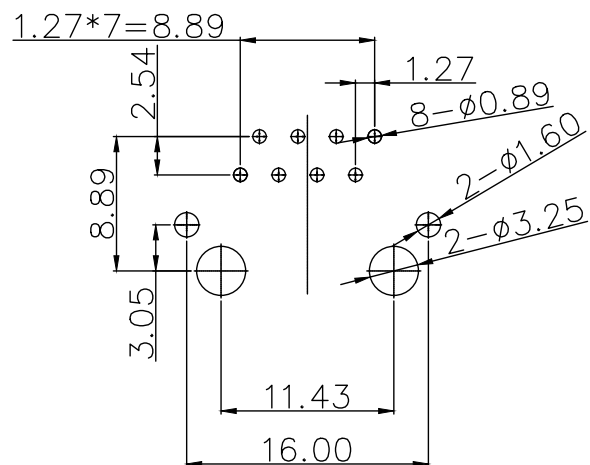
Storage temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

7.Applicable printed circuit board

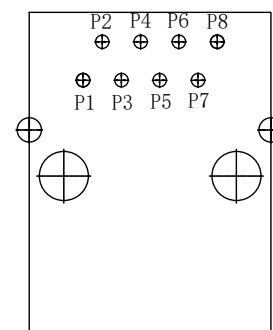
The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

TITLE RJ45 1X1 8P8C TAB DOWN WITHOUT LED				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7B11101-00G				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-08-25	.X±0.35	.X±1*	SCALE: 1:1	SHEET: 3/5	REV: B
CHECK	Chen	DATE	2026-08-25	.XX±0.25	.XX±0.5*			
APPROVE	De	DATE	2026-08-25	.XXX				

RECOMMENDED PCB LAYOUT AND LED:



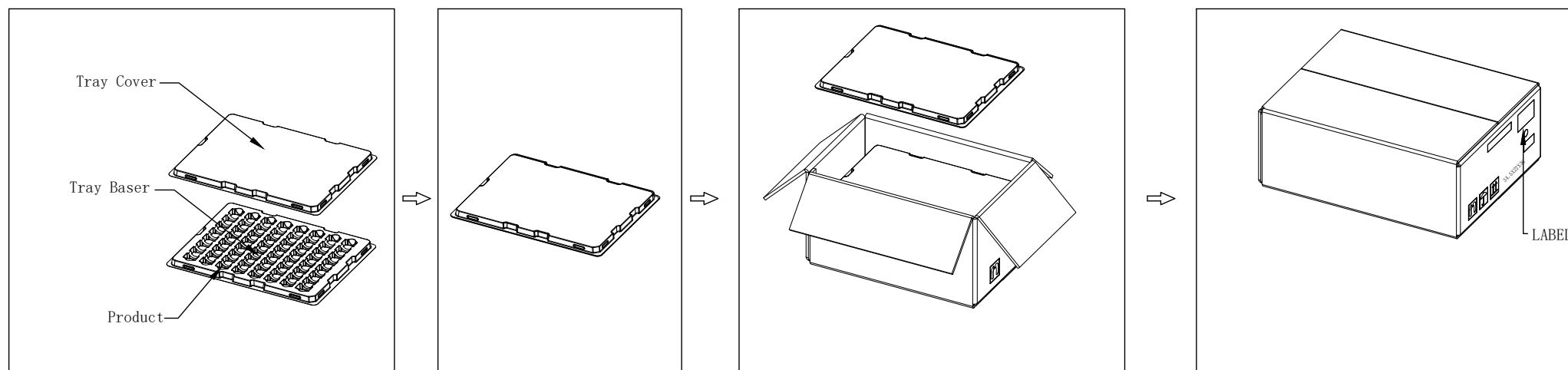
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)
TOLERANCE: ± 0.05



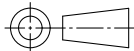
PIN NUMBER ASSIGN
(COMPONENT SIDE VIEW)

TITLE RJ45 1X1 8P8C TAB DOWN WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
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DRAW	Chen	DATE	2026-08-25	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 4/5	REV: B
CHECK	Chen	DATE	2026-08-25	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-25	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY
14 TRAYS (1120 PCS FINISHED GOODS) PER CARTON BOX

TITLE RJ45 1X1 8P8C TAB DOWN WITHOUT LED						 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY59-7B11101-00G				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
DRAW	Chen	DATE	2026-08-25	.X±0.35	.X±1°	SCALE: 1:1	SHEET: 5/5	REV: B
CHECK	Chen	DATE	2026-08-25	.XX±0.25	.XX±0.5°			
APPROVE	De	DATE	2026-08-25	.XXX				