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PRODUCT DRAWING

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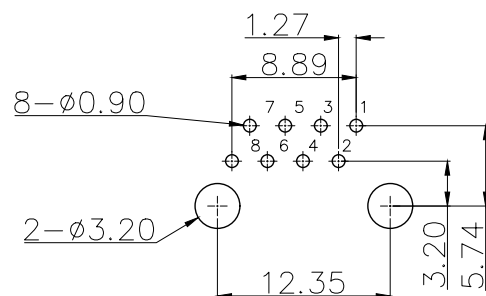
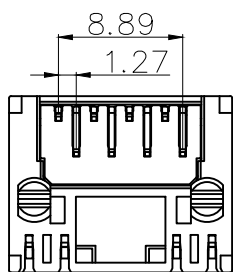
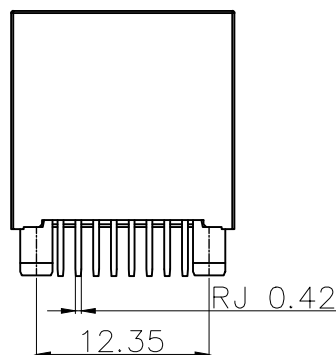
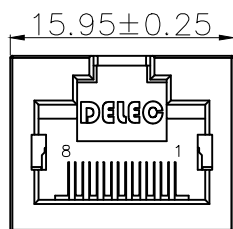
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PRODUCT DRAWING

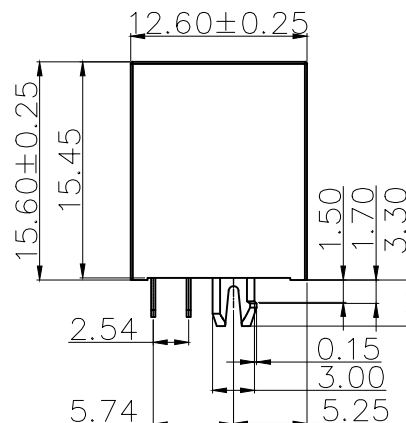
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MECHANICAL DIMENSION



RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE)(TOP 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

Plastic Housing:Glass filled polyester PBT UL94V-0
(color : Black)

Contact: phosphor bronze T=0.35mm Flat Pin

Plating:6u" plated on contact area

Matte Tin plated 80u" min on solder area;

Nickel 40u" min under plating over all.

Shielded:T=0.20 Brass With 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~+85°C

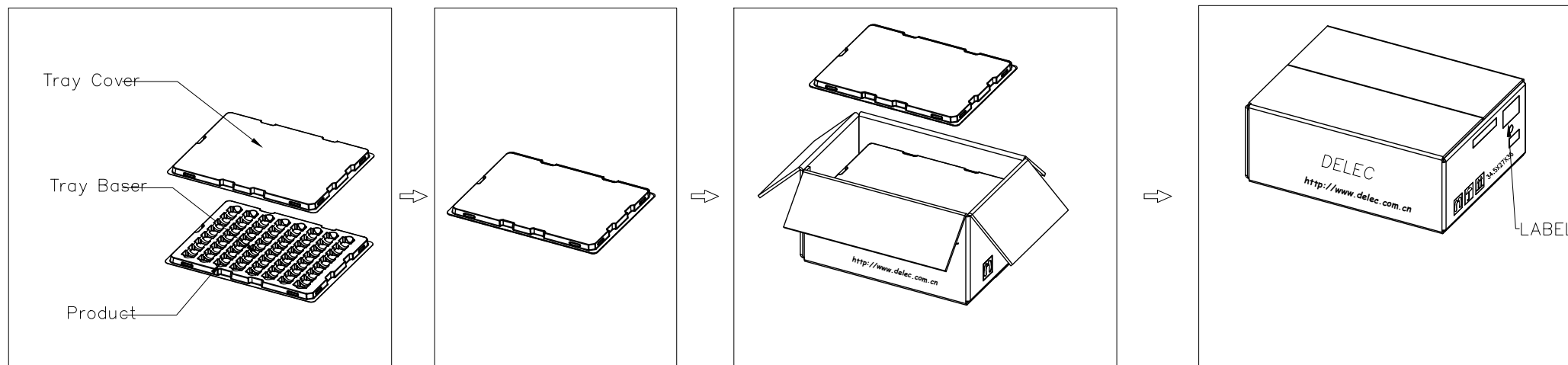
Storage temperature: -40°C~+85°C

7.Applicable printed circuit board

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

TITLE 1X1 RJ45 8P8C VERTICAL WITH LED APPLICABLE FOR 1.6T PCB BOARD				RoHS Compliant		DELEC 多亞電子有限公司 Duoya Electronics Co.,Ltd		
PART NO. DY68-MD11005-00G				GENERAL TOLERANCE			UNIT: MM(INCH)	SIZE: A4
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APPROVE	De	DATE	2026-07-23	.XXX				

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 90 PCS FINISHED GOODS PER TRAY
19 TRAYS (1710 PCS FINISHED GOODS) PER CARTON BOX

TITLE				1X1 RJ45 8P8C VERTICAL WITH LED APPLICABLE FOR 1.6T PCB BOARD				 多亞電子有限公司 Duoya Electronics Co.,Ltd			
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