

1	2	3	4	5	6	7	8
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SPECIFICATION FOR APPROVAL



MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
CHEN	Li	Liu Ting

CUSTOMER:

CUSTOMER PART NO:

SAMPLE Q'TY:

CUSTOMER

CUSTOMER APPROVAL:

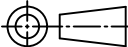
☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY :

CHECKED BY:

APPROVED BY:

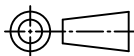
COMMENTS :

TITLE				1000 BASE-T RJ45 CONNECTOR 1X1 TAB DOWN WITHOUT LED				 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD									
PART NO.				DE59-ADQ1120-003				GENERAL TOLERANCE				UNIT:MM (INCH)		SIZE: A4			
DRAW		CHEN		DATE		2026-09-09		.X±0.25		.X±1°		SCALE: 1:1		SHEET: 1/6		REV:C	
CHECK		Li		DATE		2026-09-09		.XX±0.15		.XX±0.5°							
APPROVE		De		DATE		2026-09-09		.XXX±0.10									

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PRODUCT DRAWING

	1	2	3	4	5	6	7	8		
H	ISSUE RECORD									
G	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE			
	A	FIRST ISSUE			Star	De	2019-05-14			
	B	修改塑胶柱，弹片图面与实物相符			Sue	De	2026-04-02			
	C	更新包装数量			CHEN	De	2026-09-09			
F										
E										
D										
C										
B										
A										
TITLE					1000 BASE-T RJ45 CONNECTOR 1X1 TAB DOWN WITHOUT LED					
PART NO.					DE59-ADQ1120-003					
DRAW					CHEN	DATE	2026-09-09	.X±0.25	.X±1°	
CHECK					Li	DATE	2026-09-09	.XX±0.15	.XX±0.5°	
APPROVE					De	DATE	2026-09-09	.XXX±0.10		
					GENERAL TOLERANCE				UNIT:MM(INCH)	SIZE: A4
							SCALE: 1:1		SHEET: 2/6	REV:C

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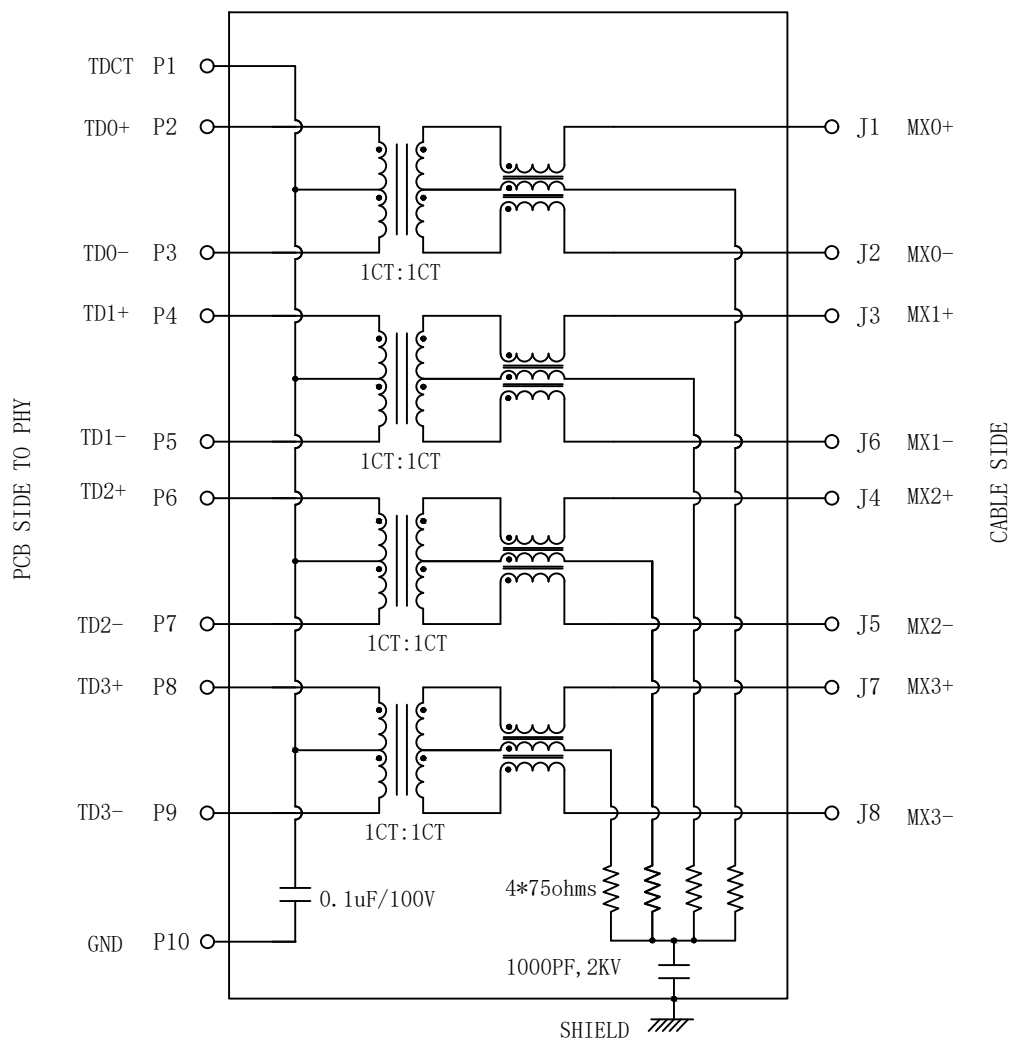
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SCHEMATIC:



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:

(P1-P2):(J1-J2)=1:1 ±3%.

(P3-P6):(J3-J6)=1:1 ±3%.

(P4-P5):(J4-J5)=1:1 ±3%.

(P7-P8):(J7-J8)=1:1 ±3%.

PRIMARY INDUCTANCE:

350uH MIN.@100KHz,100mVRMS,8mA DC BIAS.

HI-POT TEST:

PCB SIDE TO CABLE SIDE 2250VDC.

Insertion Loss:

100KHz~1MHz -1.2dB MAX.

1MHz~125MHz -1.4dB MAX.

Return Loss: (Load:100 ohms)

1MHz~40 MHz -15dB MIN.

40MHz~100 MHz -12+20LOG(F/80MHZ)dB MIN

CM to CM Rejection:

2 MHz -50dB MIN.

30MHz~200 MHz -15+20LOG(F/200MHZ)dB MIN

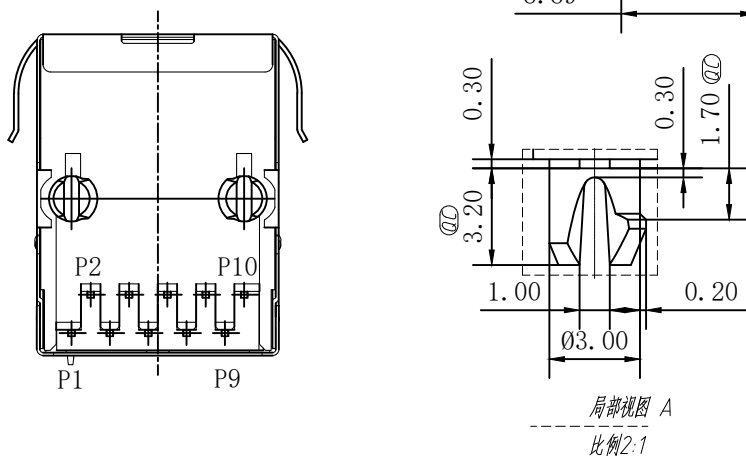
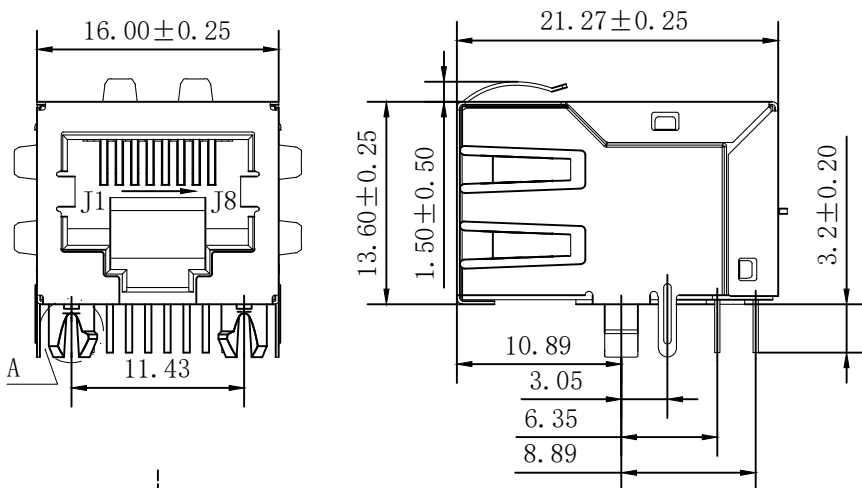
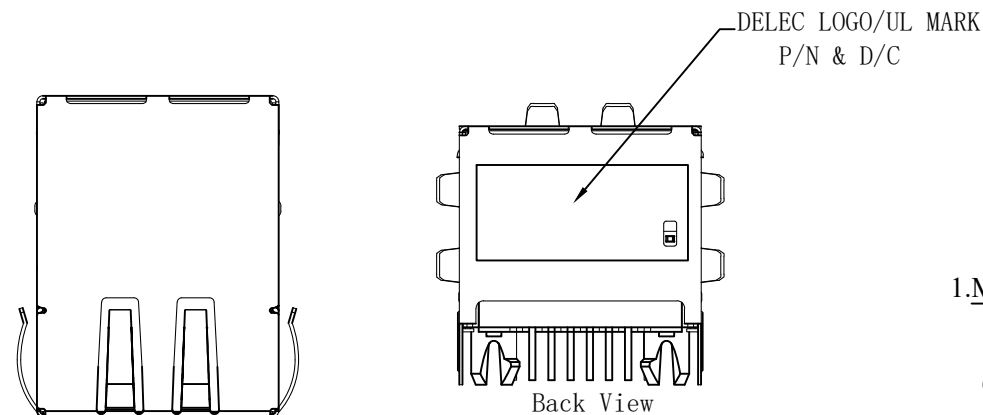
Cross Talk:

1MHz -40dB MIN.

40MHz~100 MHz -40+10LOG(F/10MHZ)dB MIN

TITLE				1000 BASE-T RJ45 CONNECTOR 1X1 TAB DOWN WITHOUT LED					 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.				DE59-ADQ1120-003				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-09-09	.X±0.25	.X±1°			SCALE: 1:1	SHEET: 3/6	REV:C		
CHECK	Li	DATE	2026-09-09	.XX±0.15	.XX±0.5°							
APPROVE	De	DATE	2026-09-09	.XXX±0.10								

MECHANICAL DIMENSION



1. MATERIALS AND FINISH

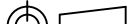
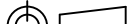
HOUSING: THERMOPLASTIC PA46 FLAMMABILITY RATING UL94V-0.
(COLOR: PANTONE BLACK)
CONTACT: PHOSPHOR BRONZE T=0.35MM FLAT PIN
PLATING: 30u" GOLD PLATING OVER NICKEL
SHIELD: 0.20MM THICKNESS COPPER ALLOY WITH NICKEL PLATED
PCB RETENTION FRET-SOLDER: 1LB MIN.
TAILS: NICKEL PLATING COVERED BY 100U" TIN PLATING.

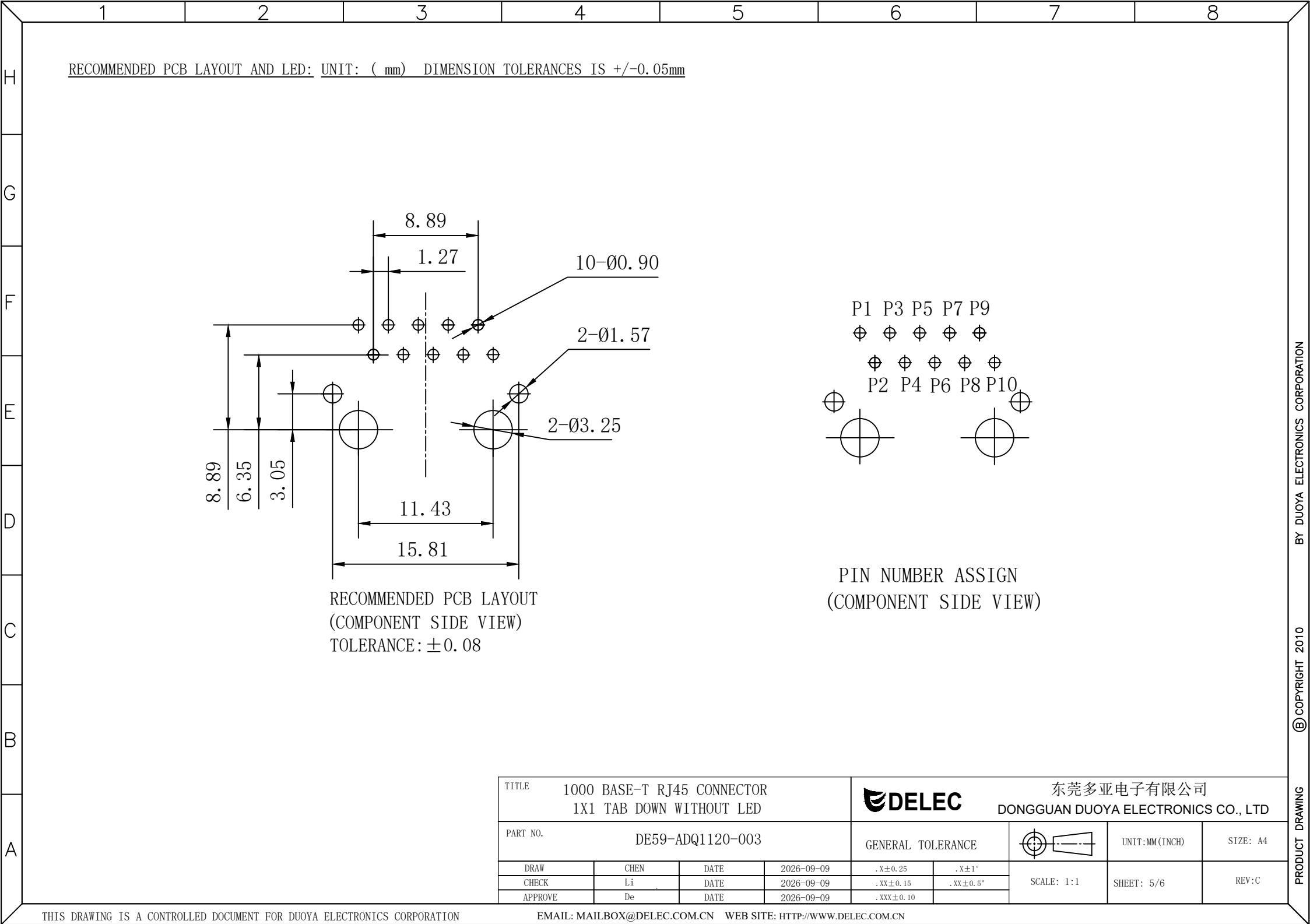
2. MECHANICAL CHARACTERISTICS

DURABILITY: 750(MODULAR JACK) INSERTION/PLUG DIMENSION CYCLES

3. ENVIRONMENTAL

OPERATING TEMPERATURE: -40°C ~ +85°C
STORAGE TEMPERATURE: -40°C ~ +85°C

TITLE				1000 BASE-T RJ45 CONNECTOR 1X1 TAB DOWN WITHOUT LED				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.				DE59-ADQ1120-003				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4
DRAW	CHEN	DATE	2026-09-09	.X±0.25	.X±1°			SCALE: 1:1	SHEET: 4/6	REV:C		
CHECK	Li	DATE	2026-09-09	.XX±0.15	.XX±0.5°							
APPROVE	De	DATE	2026-09-09	.XXX±0.10								



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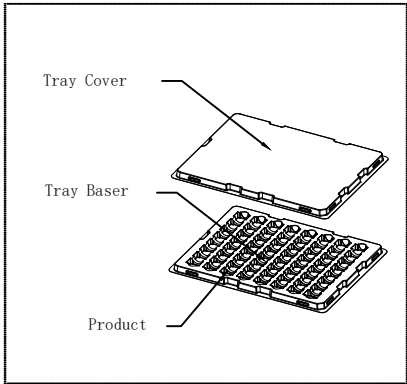
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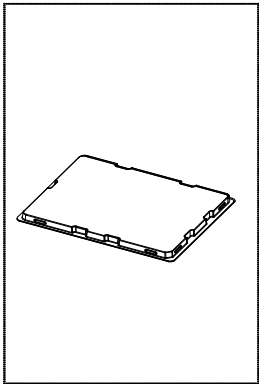
PACKAGE INFORMATION AND LABLE

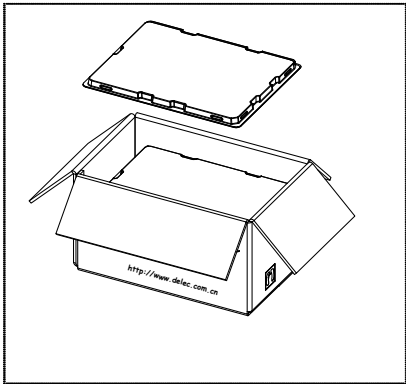
Tray Cover

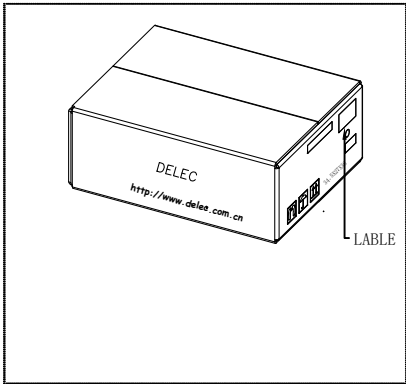
Tray Baser

Product



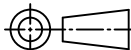






PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY

15 TRAYS (1200 PCS FINISHED GOODS) PER CARTON BOX

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PART NO.				DE59-ADQ1120-003				GENERAL TOLERANCE			UNIT:MM (INCH)	SIZE: A4	
DRAW	CHEN	DATE	2026-09-09	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 6/6	REV:C					
CHECK	Li	DATE	2026-09-09	.XX±0.15	.XX±0.5°								
APPROVE	De	DATE	2026-09-09	.XXX±0.10									

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