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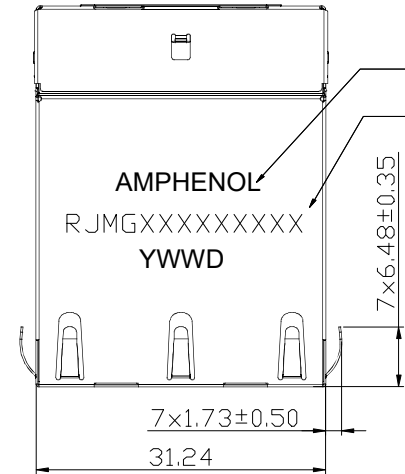
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CUSTOMER DRAWING

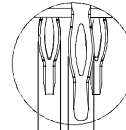
ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-22277	INITIAL RELEASE	12/26/2022	Roger Tsai

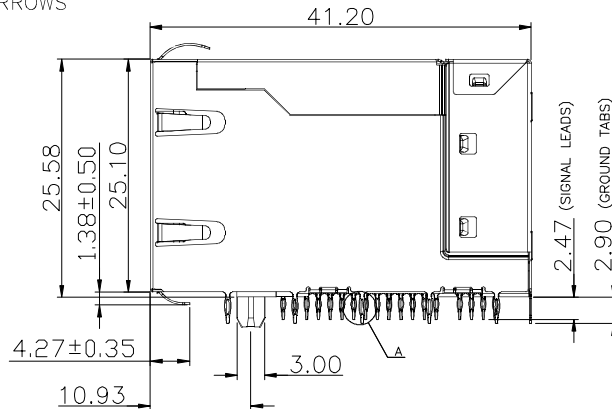
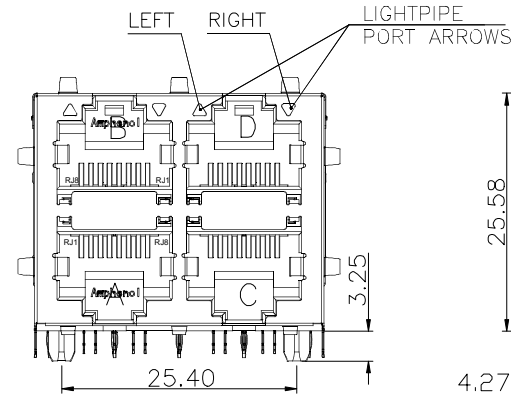
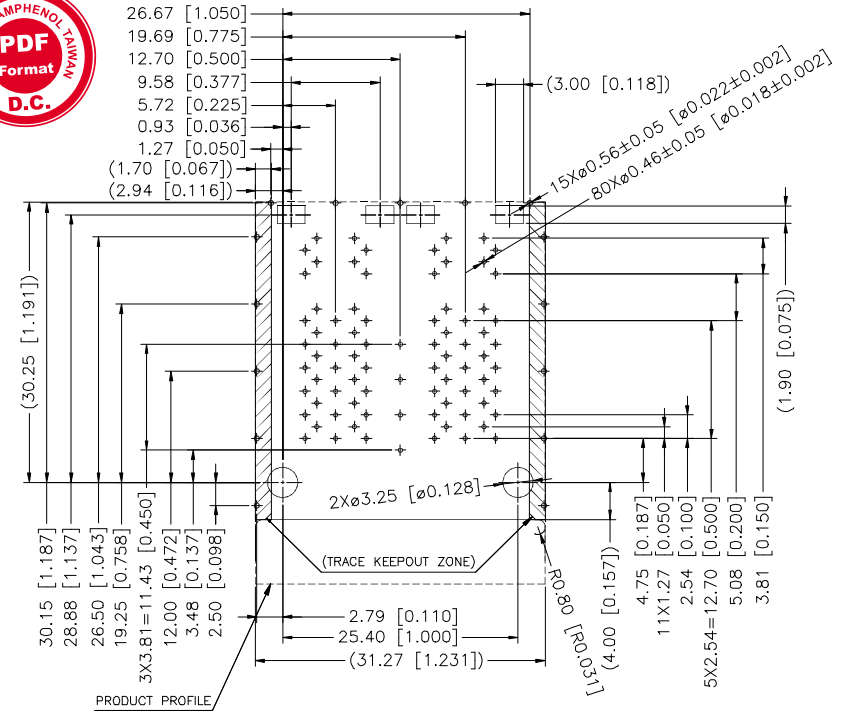


PART NUMBER

DATE CODE
Y=YEAR
WW=WEEK
D=DAY



DETAIL A

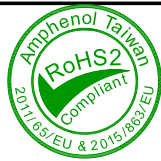


RECOMMENDED PCB LAYOUT COMPONENT SIDE
ALL DIMENSION TOLERANCE ARE ± 0.05 UNLESS OTHERWISE SPECIFIED
THE RECOMMENDED THICKNESS OF PCB BOARD IS 2.3MM
LOCATE FEATURES: $\phi \pm 0.13$
POSITION DIMENSIONS ARE BASIC

TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. ±0.35	DRAWN Wesley Tang	12/26/2022	RJ45 2X2 10G Base-T TYPE WITH FILTER & WITH LIGHTPIPE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation	
X.X ±0.25	CHECKED Lily Zhao	12/26/2022				
X.XXX ±0.10	APPROVED Roger Tsai	12/26/2022				
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE RJMG	UNIT mm	SIZE A3	PART No. RJMG322DNXXE3XR	
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 1 OF 4	DWG No. RJMG322DNXXE3XR	
					REV. A	

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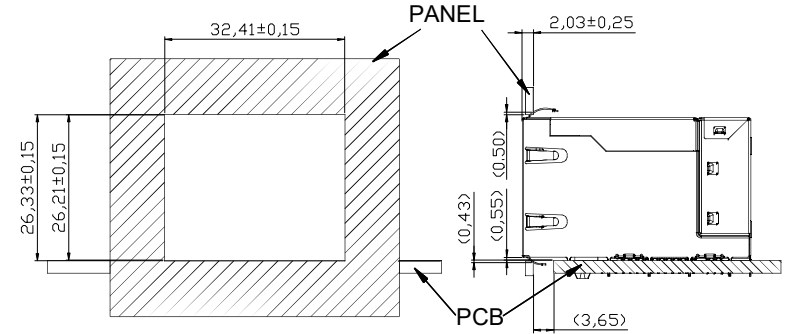
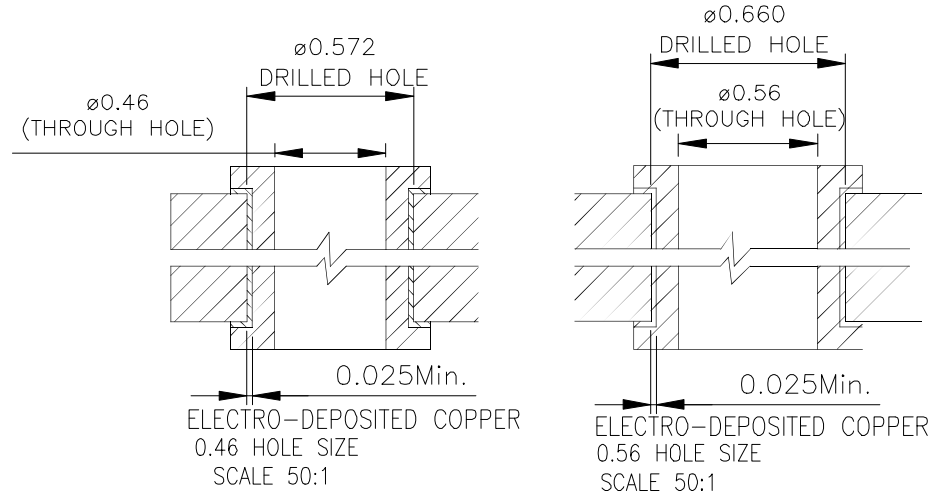
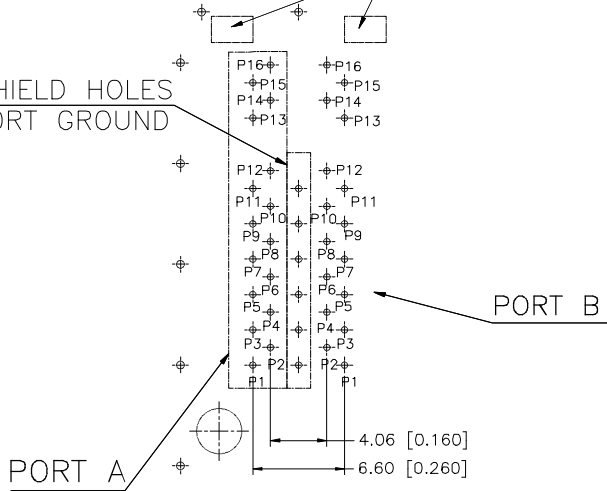
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LIGHT TUBE PROFESSOR ILES ONLY HAS: CABLE BROADBAND 0603 OR SMALLER SIZE PACKAGE SMD LED, MAXIMUM HEIGHT 1.1 MM

INNER SHIELD HOLES FOR PORT GROUND



PART NO. RJMG322DN X X E3 X R

PLATING AND PACKAGING OPTION:

RIGHT LIGHTPIPE CODE
 LEFT LIGHTPIPE CODE
 0: NO LIGHTPIPE BLOCKED HOLE
 1: WITH LIGHTPIPE

B: GOLD 6U", TRAY
 C: GOLD FLASH, TRAY
 D: GOLD 15U", TRAY
 E: GOLD 30U", TRAY
 F: GOLD 50U", TRAY

TOLERANCE	APPROVALS	DATE	TITLE			Amphenol®		
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	CHECKED Lily Zhao	12/26/2022						
	APPROVED Roger Tsai	12/26/2022						
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE RJMG	UNIT mm	SIZE A3	PART No. RJMG322DNXXE3XR			
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 2 OF 4	DWG No. RJMG322DNXXE3XR	REV. A		

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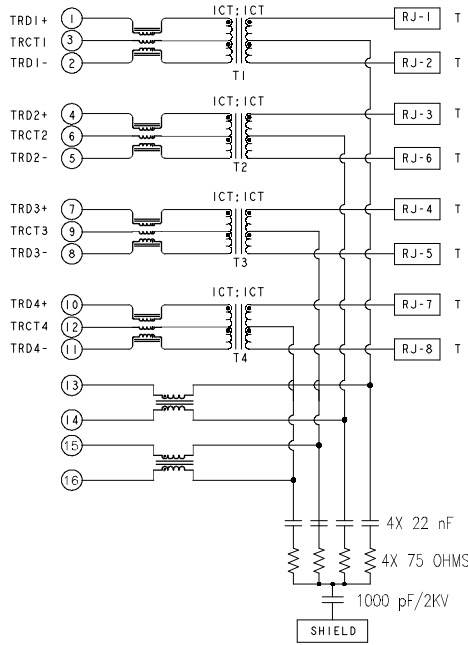
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ELECTRICAL SPECIFICATION(@25° C)

PARAMETER:	LIMITS:	TEST CONDITIONS:	
TURN RATIO	1:1±3%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHz -3.0 dB MAX	1-400 MHz -2.0 dB MAX.	
RETURN LOSS (Z ₀ OUT =100 OHM ± 1%)	1-100 MHZ -22 dB MIN	100 MHz - 500 MHz -22 + 20.75*LOG (f/100)	
INDUCTANCE(OCL)	180uH @100 kHz.100 mV		
CROSSTALK ISOLATION	1-100 MHz -28 dB MIN	100 - 500 MHz -19 dB MIN	
COMMON MODE REJECTION RATIO	1-40 MHz -30 dB MIN	40-100 MHz -28 dB MIN	100-500 MHz -22 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION	1-250 MHz -30 dB MIN	250 - 500 MHz -20 dB MIN	
HIPOT (ISOLATION)	2250 VDC	60S	
MAXIMUM CONTINUOUS POE CURRENT,PER TWISTED PAIR	900 mA MAX. (1.0 A MAX FOR 75 ms)		

1.TERMINAL PARTS:

- 1.1.RJ TERMINAL :PHOSPHOR BRONZE,THICKNESS=0.35MM
FINISH:SELECT GOLD(SEE THE P/N) ON CONTACT AREA,
- 1.2.RJ INPUT TERMINAL :PHOSPHOR BRONZE,THICKNESS=0.20MM
FINISH:100U" MIN. TIN OVER 50~100U" NICKEL.
100U" MIN. MATTE TIN PLATING ON SOLDER TAILS
- 1.3.MODULE TERMINAL :BRASS,THICKNESS=0.30MM
FINISH:100U" MIN. TIN OVER 50~100U" NICKEL.

2.PLASTIC PARTS:

- 2.1.HOUSING : LCP , BLACK
FLAME CLASS:UL94 V-0 ;UL(E106764)
- 2.2.COIL CASE : Bakelite , BLACK
FLAME CLASS:UL94 V-0 ;UL(E136137)

3.SHELL PARTS:

- 3.1.SHELL: STAINLESS STEEL,THICKNESS=0.20MM

OTHERS:

- 1.OPERATING TEMPERATURE : -40°C TO +85°C
- 2.STORAGE TEMPERATURE : -40°C TO +85°C
- 3.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68 , SUBPART F
- 4.MATING/UNMATING FORCE: MATING/UNMATING 2.1KG MAX
- 5.RETENTION FORCE FOR RJ PORT: 5KG FOR 1 MINUTE

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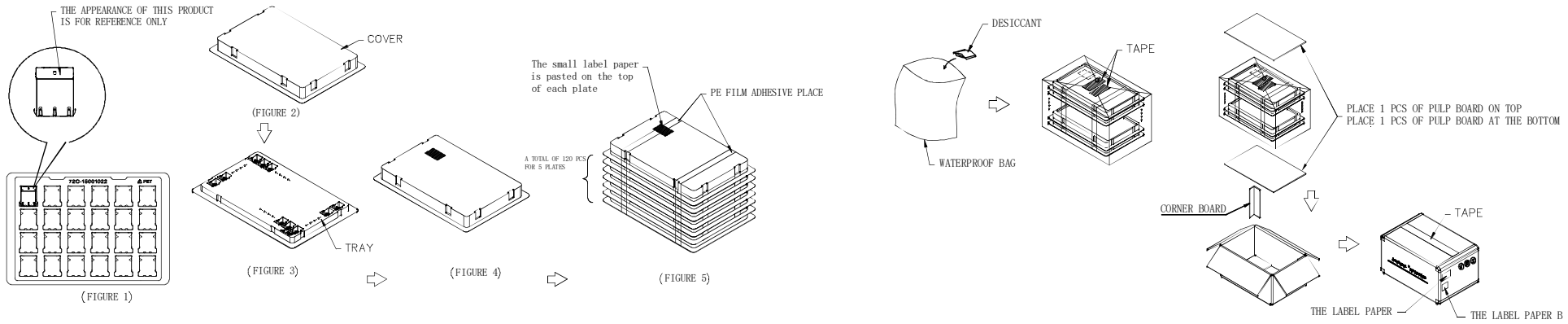
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1-1. PUT THE FINISHED PRODUCT INTO THE GROOVE CORRESPONDING TO THE BASE ACCORDING TO ITS APPEARANCE AND SHAPE, WITH THE TOP FACING UP (AS SHOWN IN FIGURE 1).
1-2. EACH TRAY IS FULL OF 24 PCS OF FINISHED PRODUCTS, WHICH SHOULD NOT BE PLACED LESS OR INCORRECTLY.

2-1. FILL THE BASE WITH FINISHED PRODUCTS, AND THEN COVER THE TOP AND BOTTOM (AS SHOWN IN FIGURE 2 AND 3).
2-2. A TOTAL OF 120 PCS WERE OVERLAPPED TO 5 PLATES (AS SHOWN IN FIGURE 5). FINALLY, PE FILM WAS USED TO GLUE THE WHOLE RING IN THE WIDTH DIRECTION.

3-1. PUT A BAG OF DESICCANT AT THE BOTTOM OF THE WATERPROOF BAG FIRST.
3-2. PLACE STEP 2 IN A WATERPROOF BAG, STACKED FLAT AGAINST EACH OTHER.
3-3. FOLD THE WATERPROOF BAG NEATLY AND SECURE IT WITH ADHESIVE TAPE.

4-1. FIRST PLACE 1 PCS OF PULP BOARD AT THE BOTTOM OF THE INNER BOX, AND PLACE THE WATERPROOF BAG OF STEP 3-3 INTO THE INNER BOX.
4-2. PLACE 1 PCS CORNER PLATES AT EACH CORNER AND ANOTHER 1 PCS PULP BOARD ON THE TRAY TOP.
4-3. SEAL WITH ADHESIVE TAPE AND ATTACH THE FINISHED PRODUCT PACKAGING LABEL.



CARTON OUTSIDE DIMENSIONS =L: 375MM, W: 253MM, H: 205MM

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ANGULAR ±1°			SCALE NA	SHEET 4 OF 4	DWG No. RJMG322DNXXE3XR		REV. A	
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