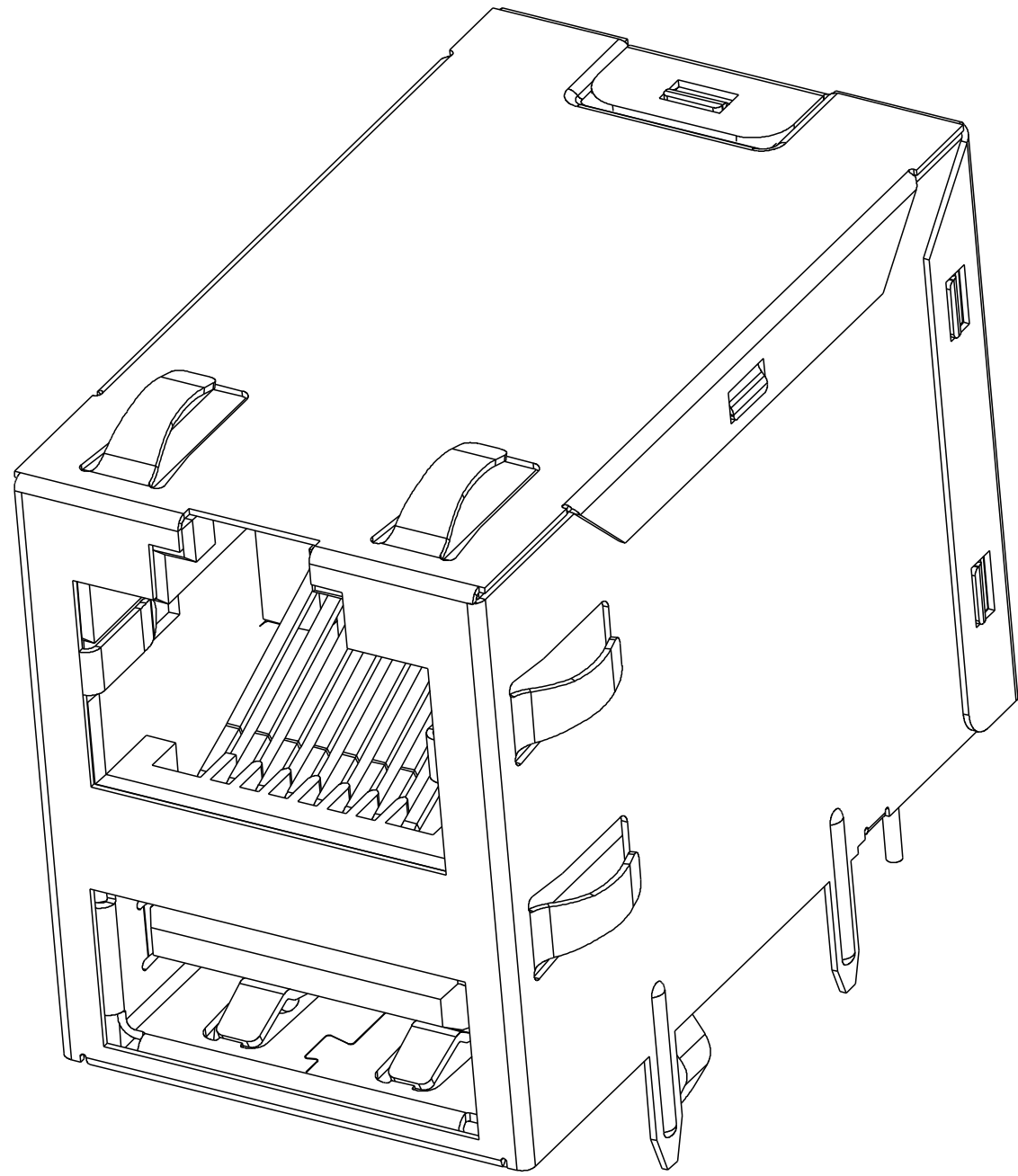
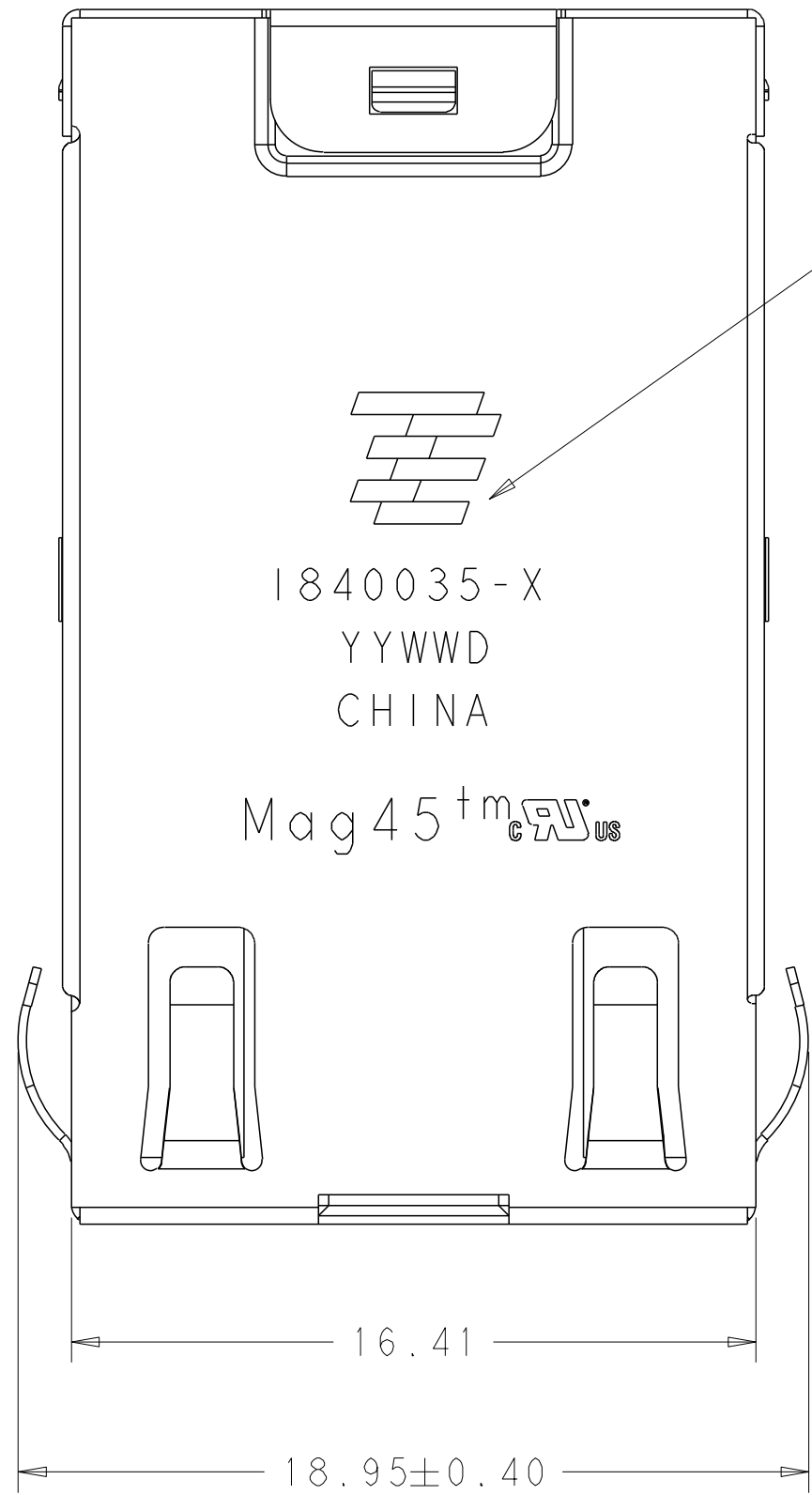


LOC	DIST	REVISIONS					
AA	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A	ECO-11-013332	21 JUN2011	PP	LJ	
		B	ECO-13-005734	01MAR2013	PP	KZ	



- 1 RJ45 MATERIALS
- HOUSING: THERMOPLASTIC, BLACK, FLAMMABILITY RATED UL 94V-0
SHIELD : BRASS, 0.2 mm THICK, PREPLATED WITH MIN 0.76 um SEMI-BRIGHT NICKEL, POST DIPPED WITH 2.54 um MIN SAC SOLDER AT GROUND PINS.
CONTACT: PHOSPHER BRONZE, WITH 1.27 um MIN OVERALL NICKEL UNDERPLATE AND SELECTIVE 1.27 um MIN GOLD PLATING AT MATING INTERFACE
SOLDER TAIL: COPPER STEEL, PLATED WITH 2.54 um MIN MATTE TIN
- USB MATERIALS:
HOUSING: THERMOPLASTIC, FLAMMABILITY RATED UL94V-0
CONTACT: COPPER ALLOY WITH 0.76 MIN GOLD PLATING OVER 1.27 um MIN OVERALL NICKEL UNDERPLATE
SHELL : COPPER ALLOY, PREPLATED WITH MIN 0.76 um SEMI-BRIGHT NICKEL, 2.54 um TIN PLATED

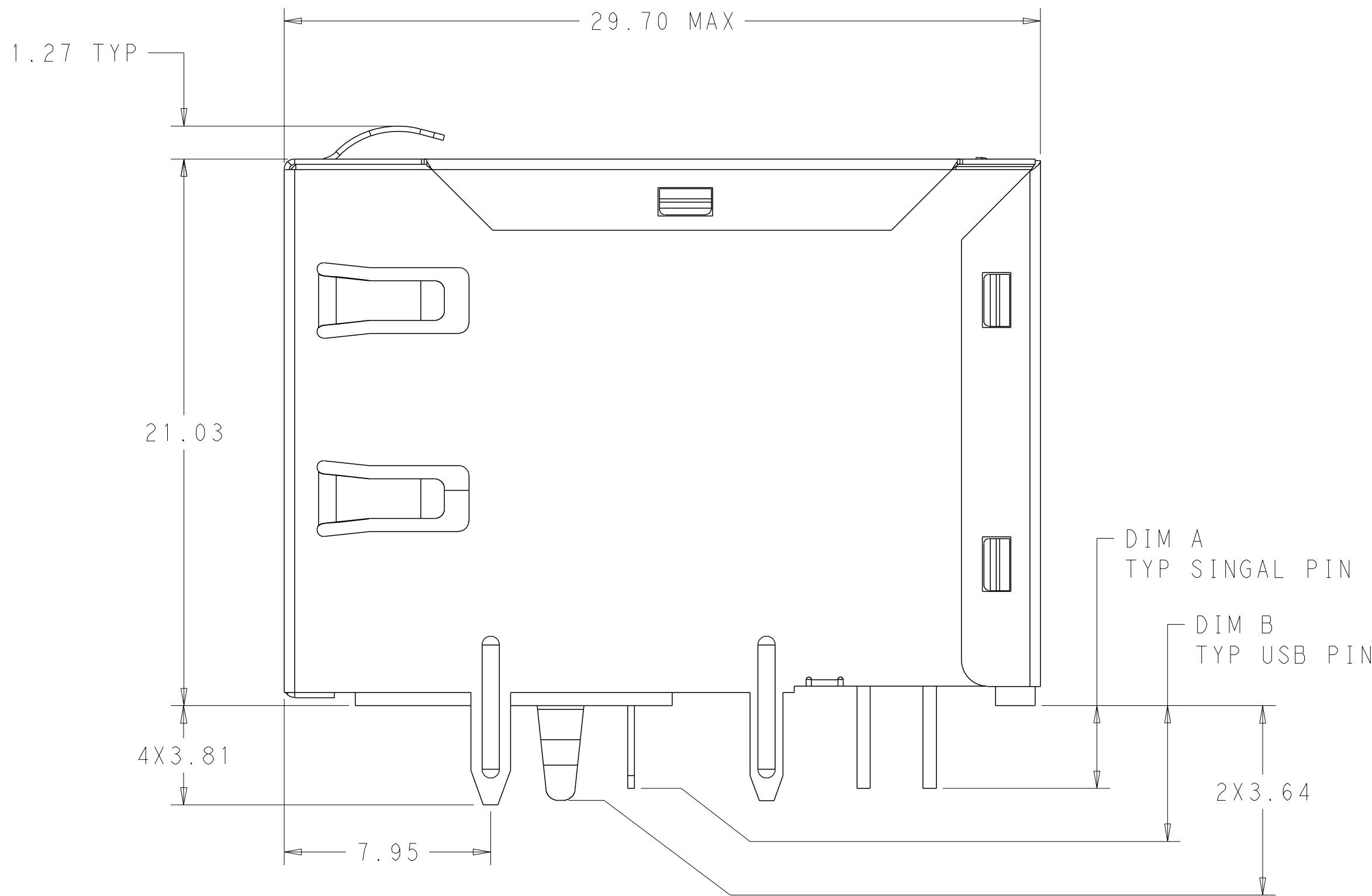
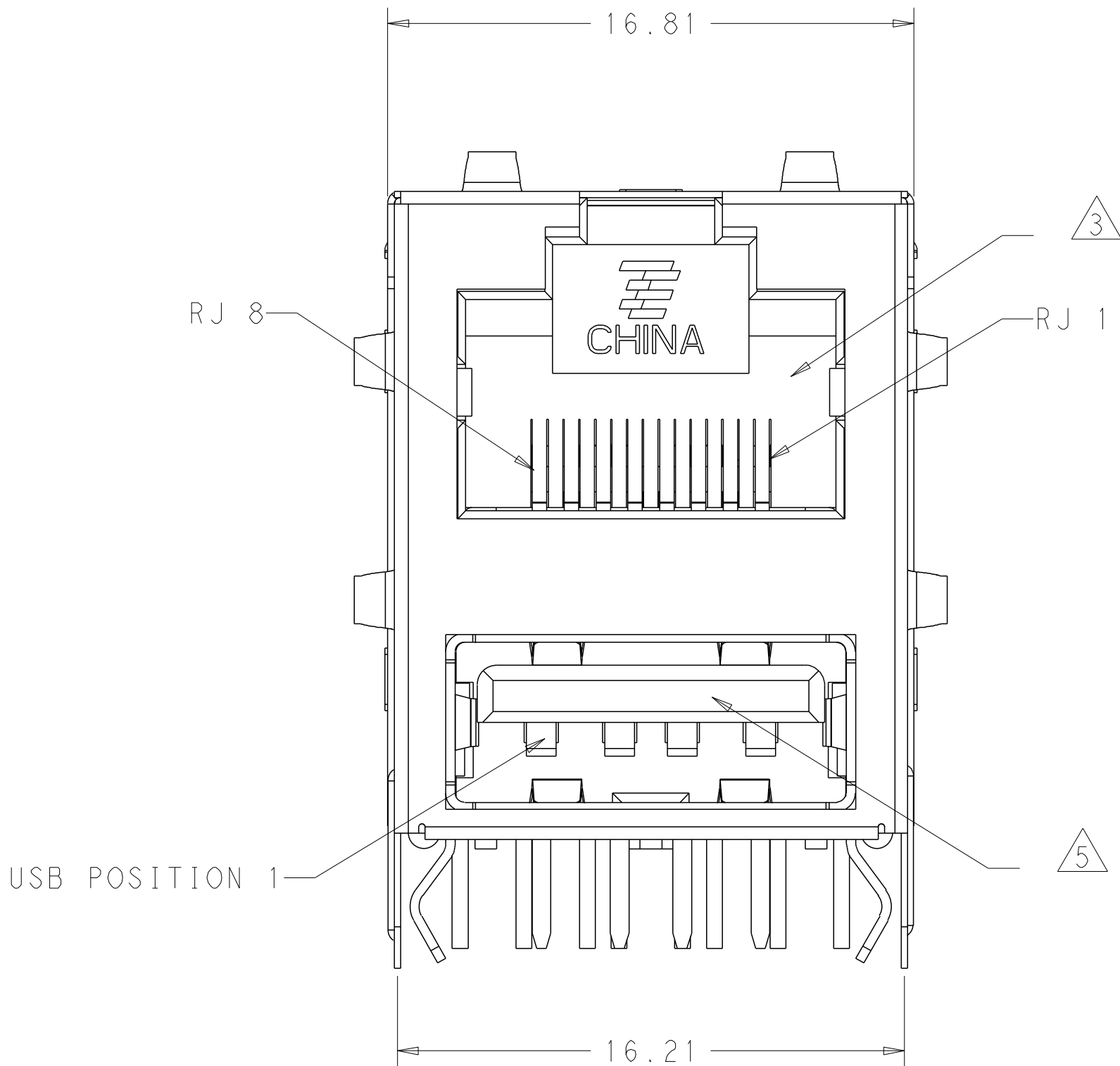
2. OPERATING TEMPERATURE -40°C TO +85°C.

- 3 RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATION PART 68 SUBPART F.

- 4 TE CONNECTIVITY LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY LOGO TO BE MARKED IN APPROXIMATE LOCATION SHOWN.

- 5 MATING INTERFACE COMPLIES WITH USB SPECIFICATION REV 2.0.

6. THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.



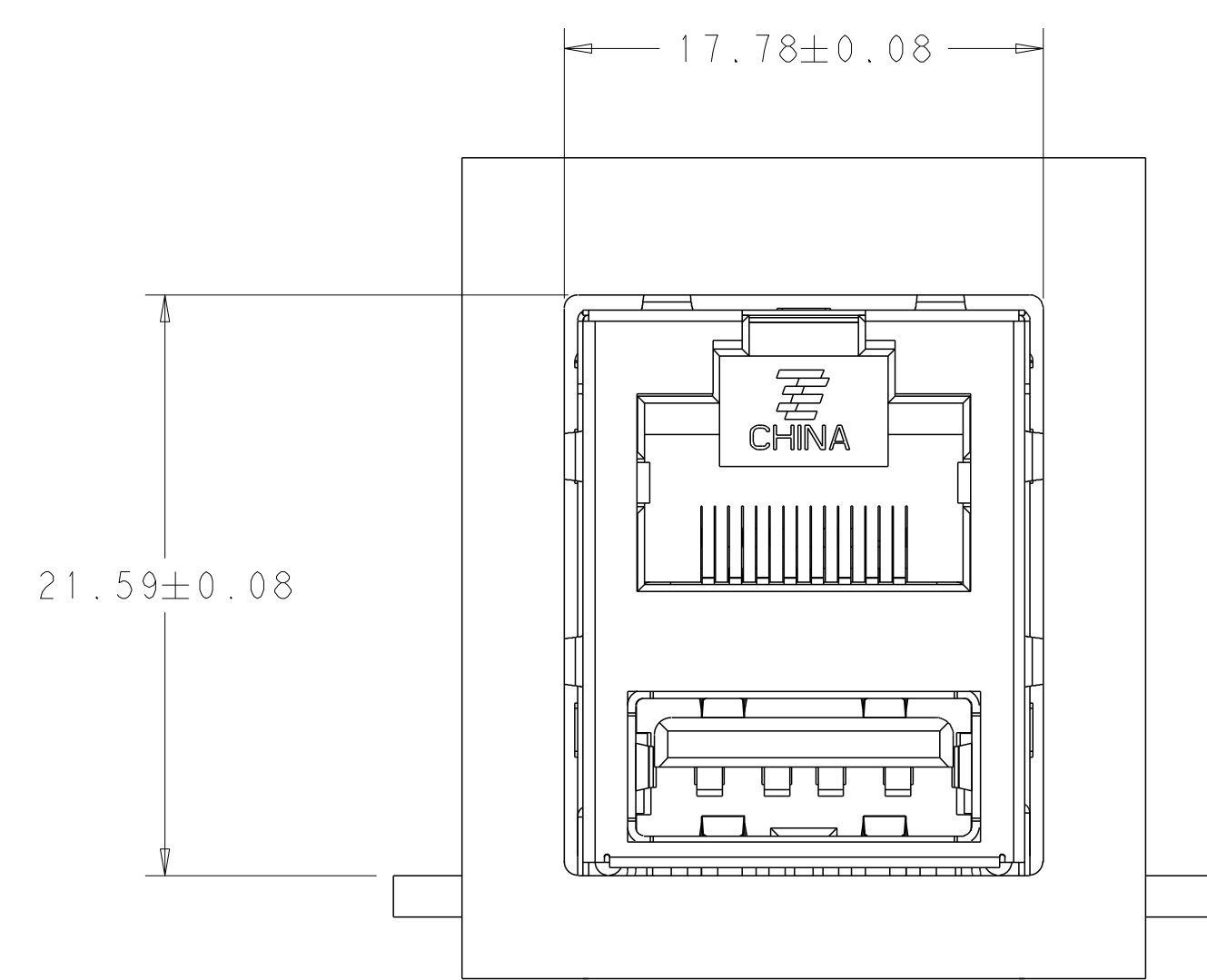
3.81	3.81	1840035-2
3.18	3.18	1840035-1
DIM B	DIM A	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WILLIAM/COLIN 08DEC2010	TE Connectivity	
		CHE TOWER YU 08DEC2010		
DIMENSIONS:		APVD KEITH ZHU 08DEC2010	NAME RJ45(TM) OVER SINGLE USB THROUGH CIRCUIT, W/O LEDS	
mm		PRODUCT SPEC 108-104005		
		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
		ANGLES		
MATERIAL		FINISH	A 100779 © 1840035	
		Customer Drawing	SCALE 5:1 SHEET 1 OF 2 REV B	

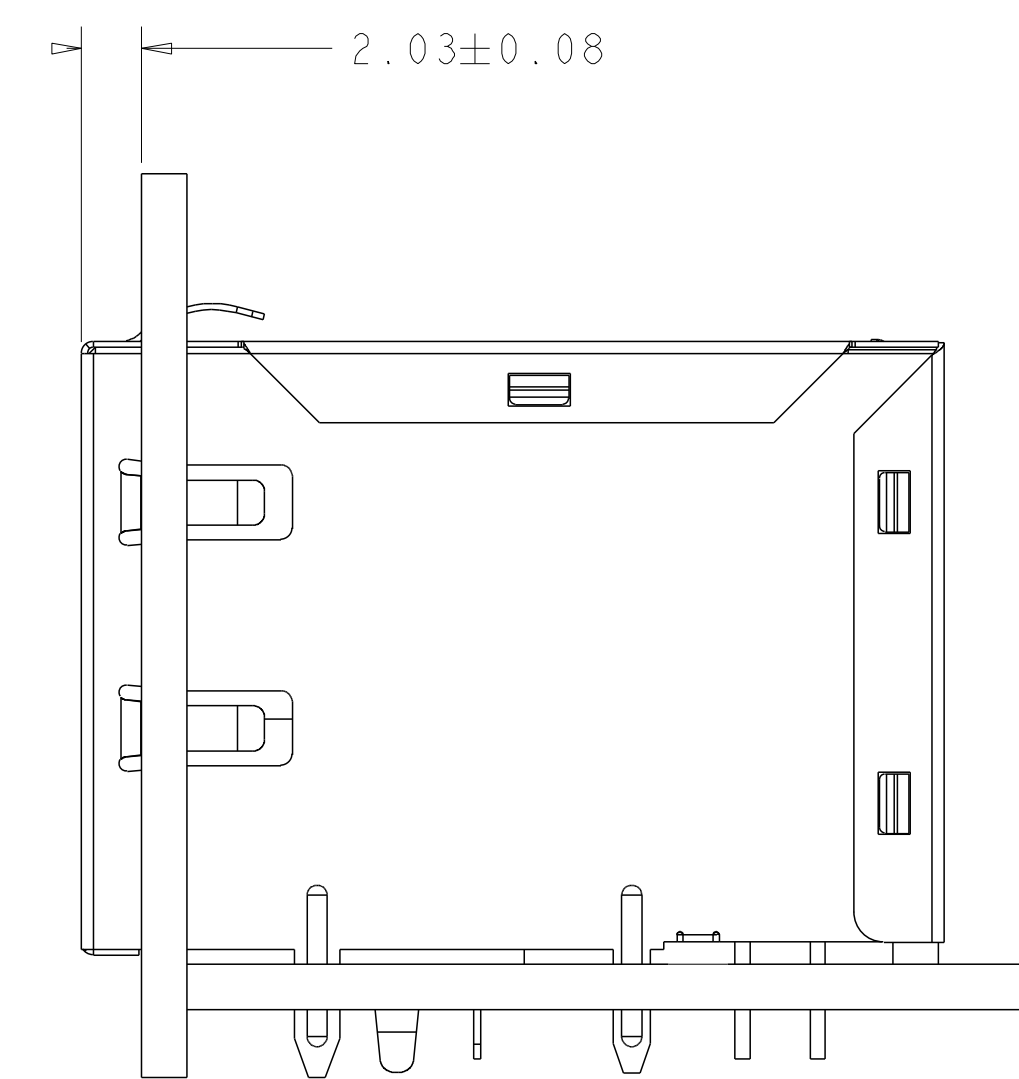


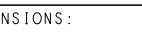
-
- The diagram illustrates a vertical stack of eight RJ45 ports, labeled RJ-1 through RJ-8. Each port is connected to a specific pin, indicated by a horizontal line. The pins are numbered 1 through 8, each enclosed in a circle, and are labeled 'PIN' to the right. The connections are as follows:
- RJ-1 is connected to Pin 1.
 - RJ-2 is connected to Pin 2.
 - RJ-3 is connected to Pin 3.
 - RJ-4 is connected to Pin 4.
 - RJ-5 is connected to Pin 5.
 - RJ-6 is connected to Pin 6.
 - RJ-7 is connected to Pin 7.
 - RJ-8 is connected to Pin 8.

RECOMMENDED PCB LAYOUT (TOL: ± 0.10)
COMPONENT SIDE



SUGGESTED PANEL CUT-OUT



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 08DEC2010 WILLIAM/COLIN CDR 08DEC2010 TOWER XU KEITH ZHU 08DEC2010	 TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME RJ45(TM) OVER SINGLE USB THROUGH CIRCUIT, W/O LEDS	SIZE A1	
	0 PLC ±: 1 PLC ±: 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±: ANGLES ±:	PRODUCT SPEC APPLICATION SPEC WEIGHT	CASE CODE 100779	DRAWING NO C1840035
MATERIAL -	FINISH -	Customer Drawing	SCALE 5:1	SHEET 2 of 2
			REV B	RESTRICTED TO -