

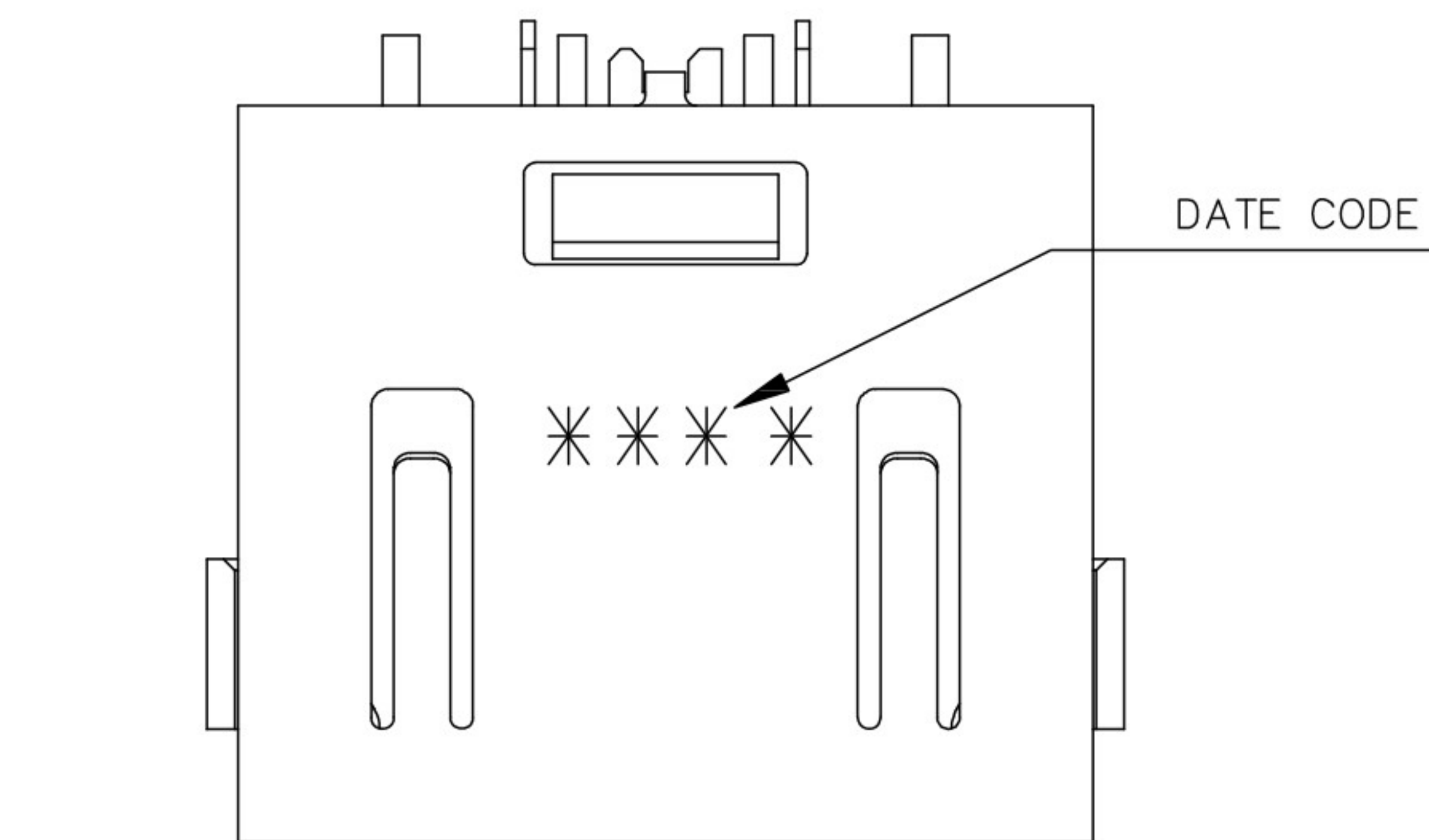


Diagram illustrating the mapping of fields to columns:

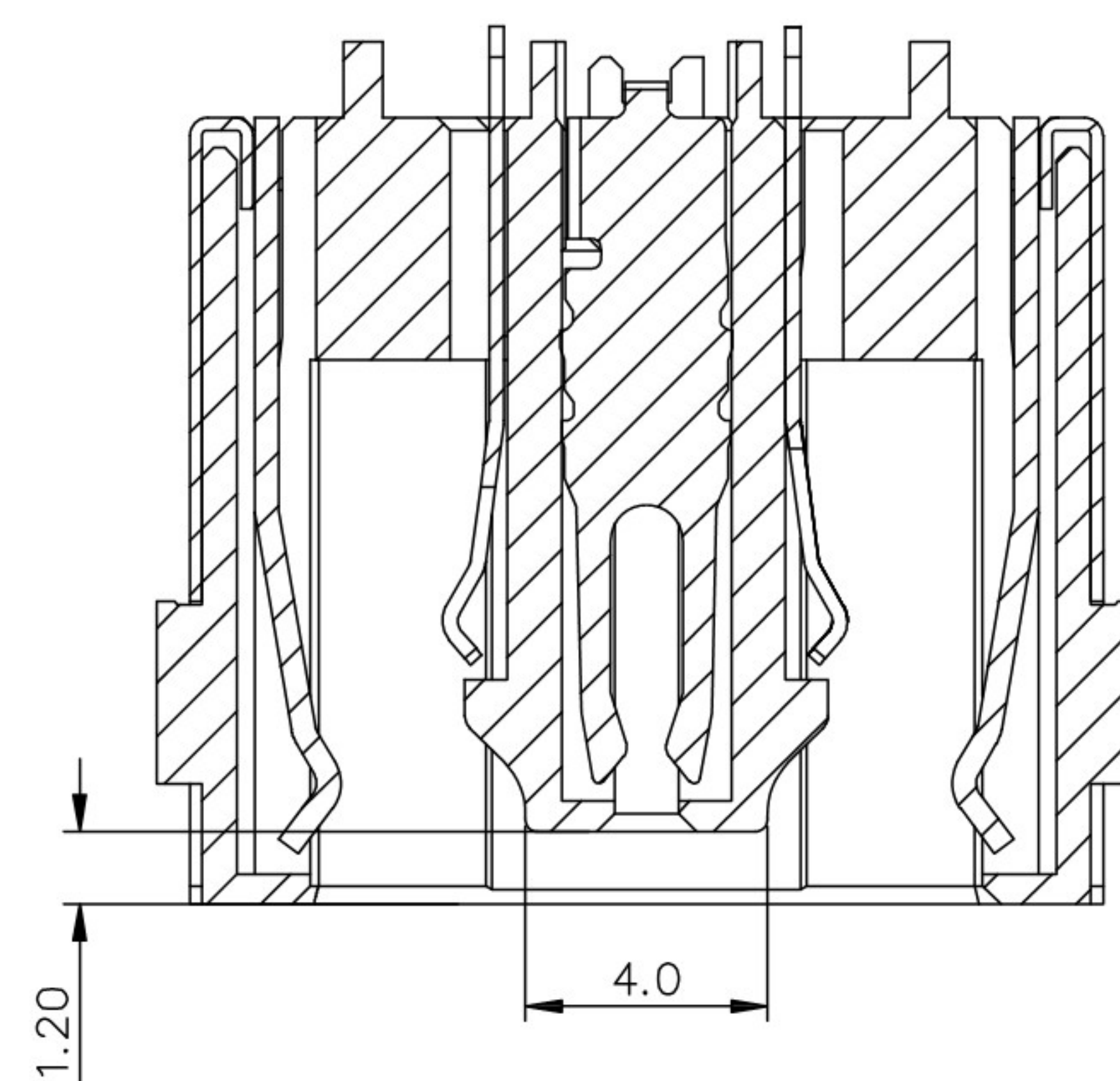
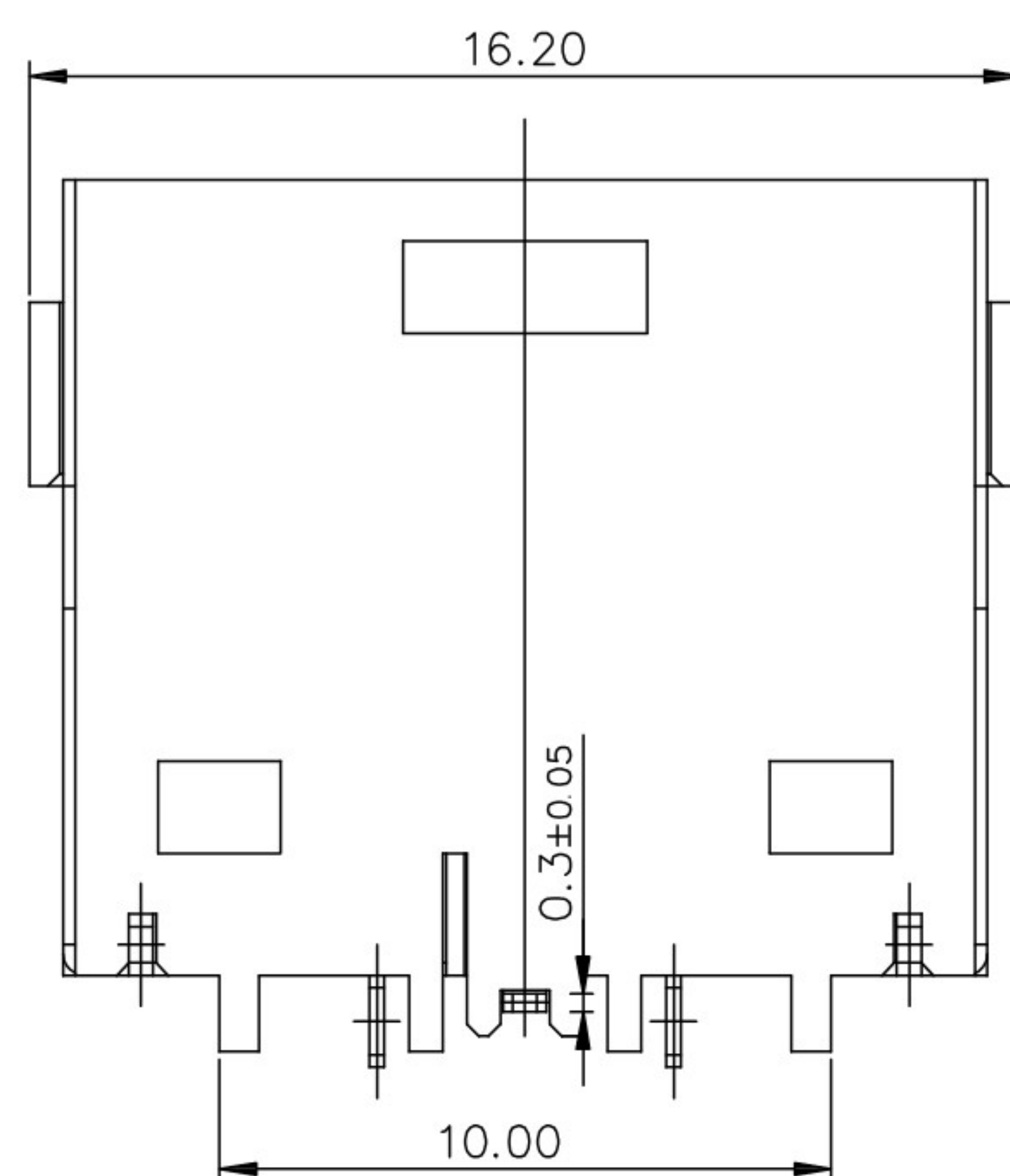
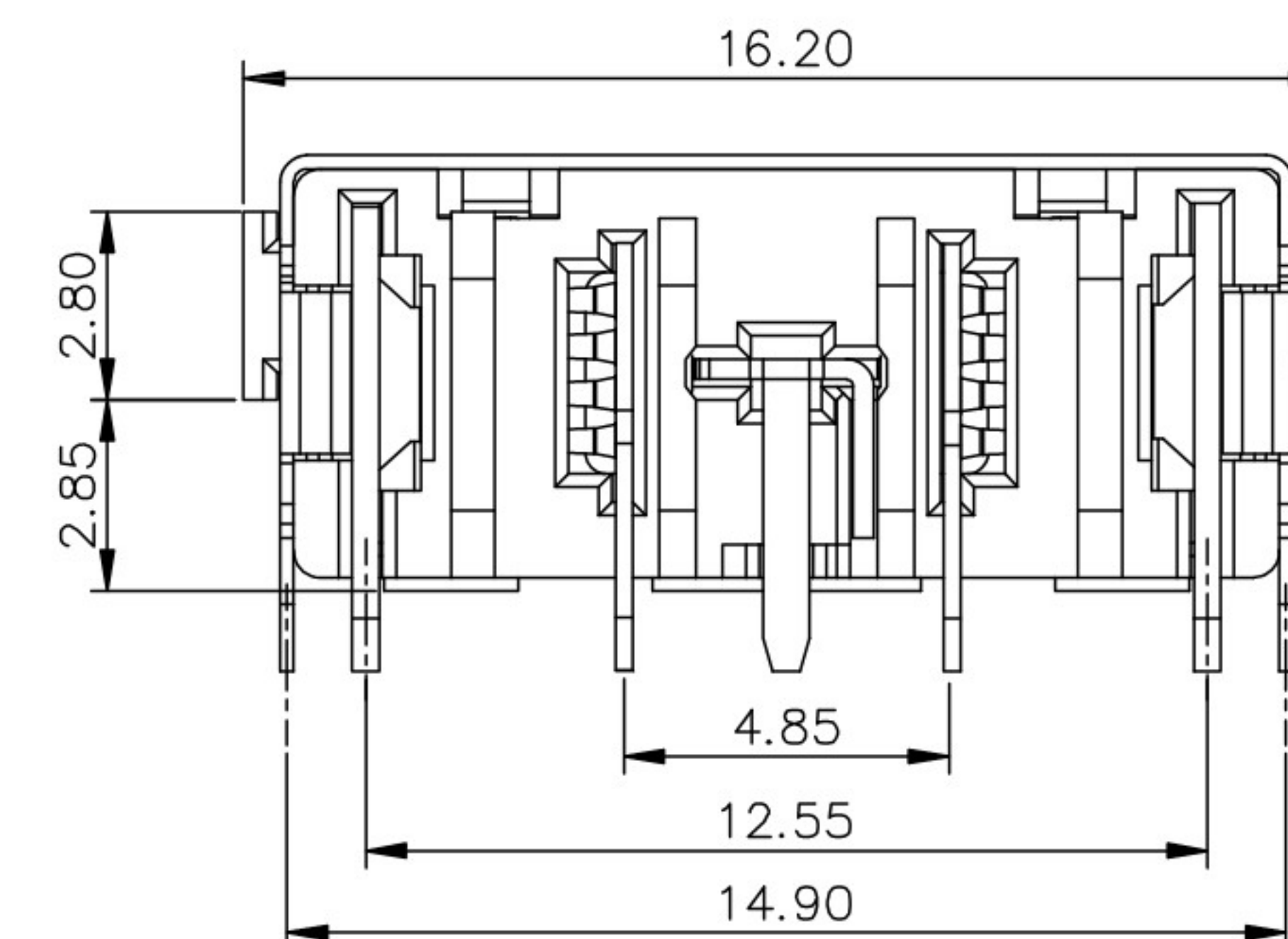
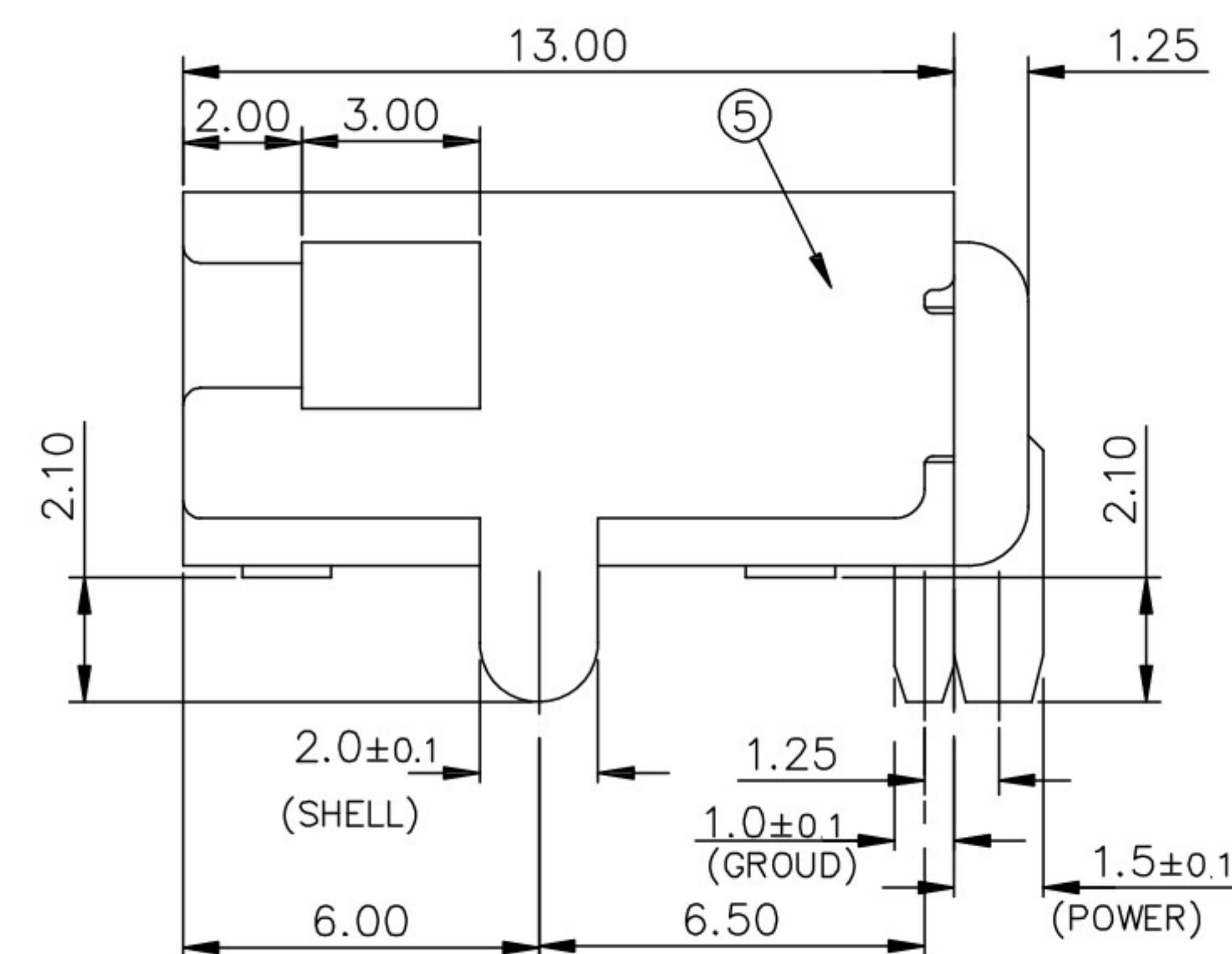
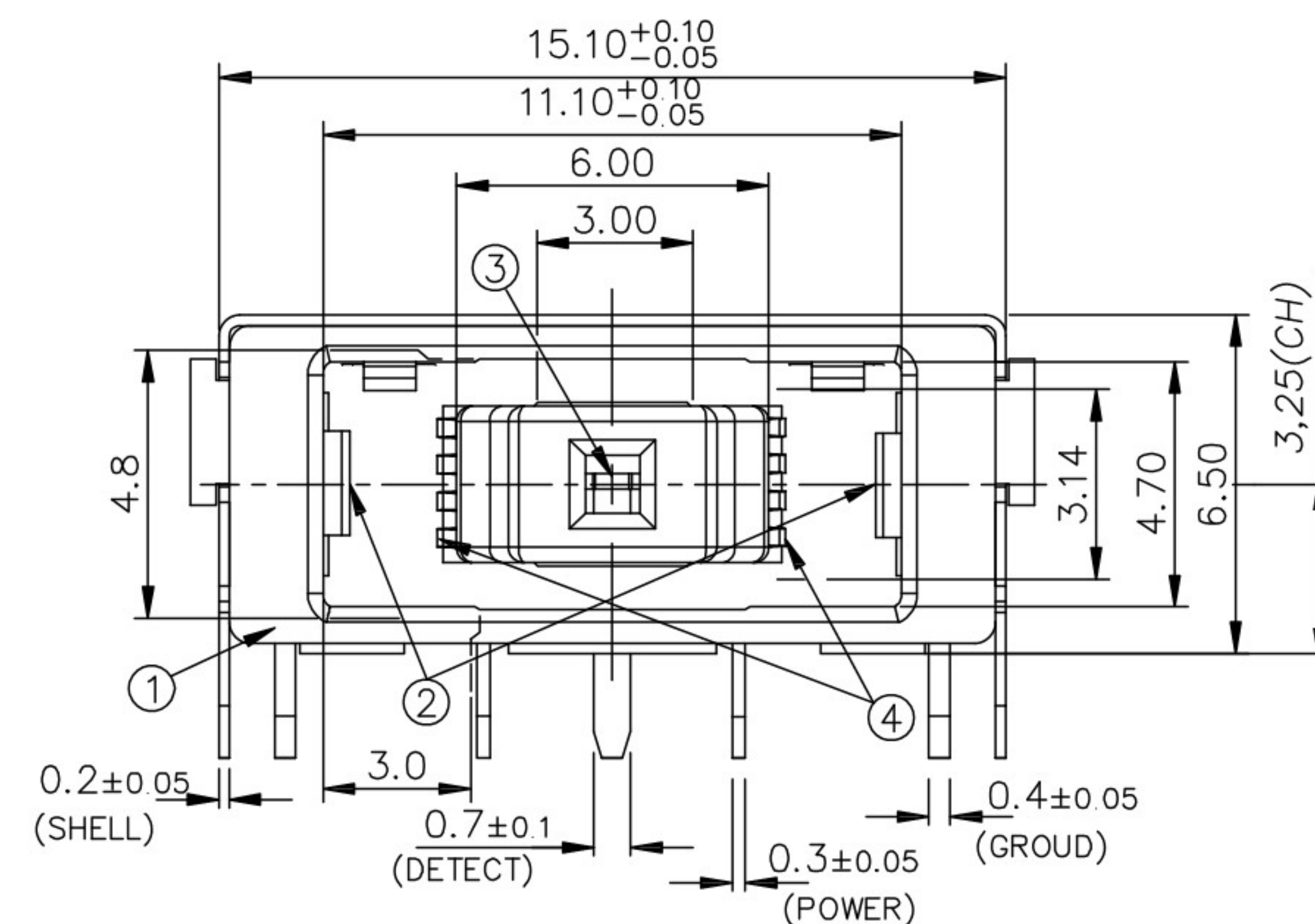
- YEAR and MONTH are mapped to the first column (indicated by the first asterisk *).
- LINE and DATE are mapped to the second column (indicated by the second asterisk *).

DC1101

HOUSING COLOR:
O: YELLOW
B: BLACK
G: GREEN

NOTES:

- 1.MATERIAL: SEE TABLE.
- 2.ELECTRICAL PERFORMANCES:
 - 2-1.VOLTAGE RATINGS: 25V DC MAX.
 - 2-2.CURRENT RATINGS: 7A MAX PER POWER CONTACT
1A MAX PER DETECT CONTACT
 - 2-3.LOW LEVEL CONTACT RESISTANCE:
 - (1). GROUND CONTACT 7 m Ω MAX. INITIAL,
10m Ω MAX, FINAL.
 - (2). DETECT CONTACT 10 m Ω MAX. INITIAL,
 $\Delta R=10m\Omega$ MAX, FINAL.
 - (3). POWER CONTACT 7 m Ω MAX. INITIAL,
 $\Delta R=10m\Omega$ MAX, FINAL.
 - 2-4.INSULATION RESISTANCE: 500 M Ω MIN.
 - 2-5.DIELECTRIC WITHSTANDING VOLTAGE:
SUBJECT A VOLTAGE OF 150V rms FOR 1
MINUTE BETWEEN ADJACENT CONTACTS PER
- 3.MECHANICAL PERFORMANCES:
 - 3-1.MATING FORCE: 3.0Kg f MAX.
 - 3-2.UNMATING FORCE: 0.7Kg f MIN.
 - 3-3.DURABILITY: 5000 CYCLES.
- 4.G.P PASSED ACCORD WITH RoHS STANDARD.

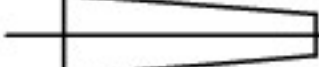


1	SHELL	COPPER ALLOY	100u"MIN MATTE TIN ON SOLDER AREA, 80u"MIN Ni UNDER PIATING	⑤
2	POWER CONTACT	COPPER ALLOY	8u"MIN GOLD PLATING ON CONTACT AREA, 100u"MIN MATTE TIN ON SOLDER AREA, 80u"MIN Ni UNDER PIATING	④
1	DETECT CONTACT	COPPER ALLOY	8u"MIN GOLD PLATING ON CONTACT AREA, 100u"MIN MATTE TIN ON SOLDER AREA, 80u"MIN Ni UNDER PIATING	③
2	GROUND CONTACT	COPPER ALLOY	8u"MIN GOLD PLATING ON CONTACT AREA, 100u"MIN MATTE TIN ON SOLDER AREA, 80u"MIN Ni UNDER PIATING	②
1	HOUSING	HIGHTEMP-PLASTIC	UL94V-0	①
Q'TY	NAME	MATERAIL	FINISH	ITEM

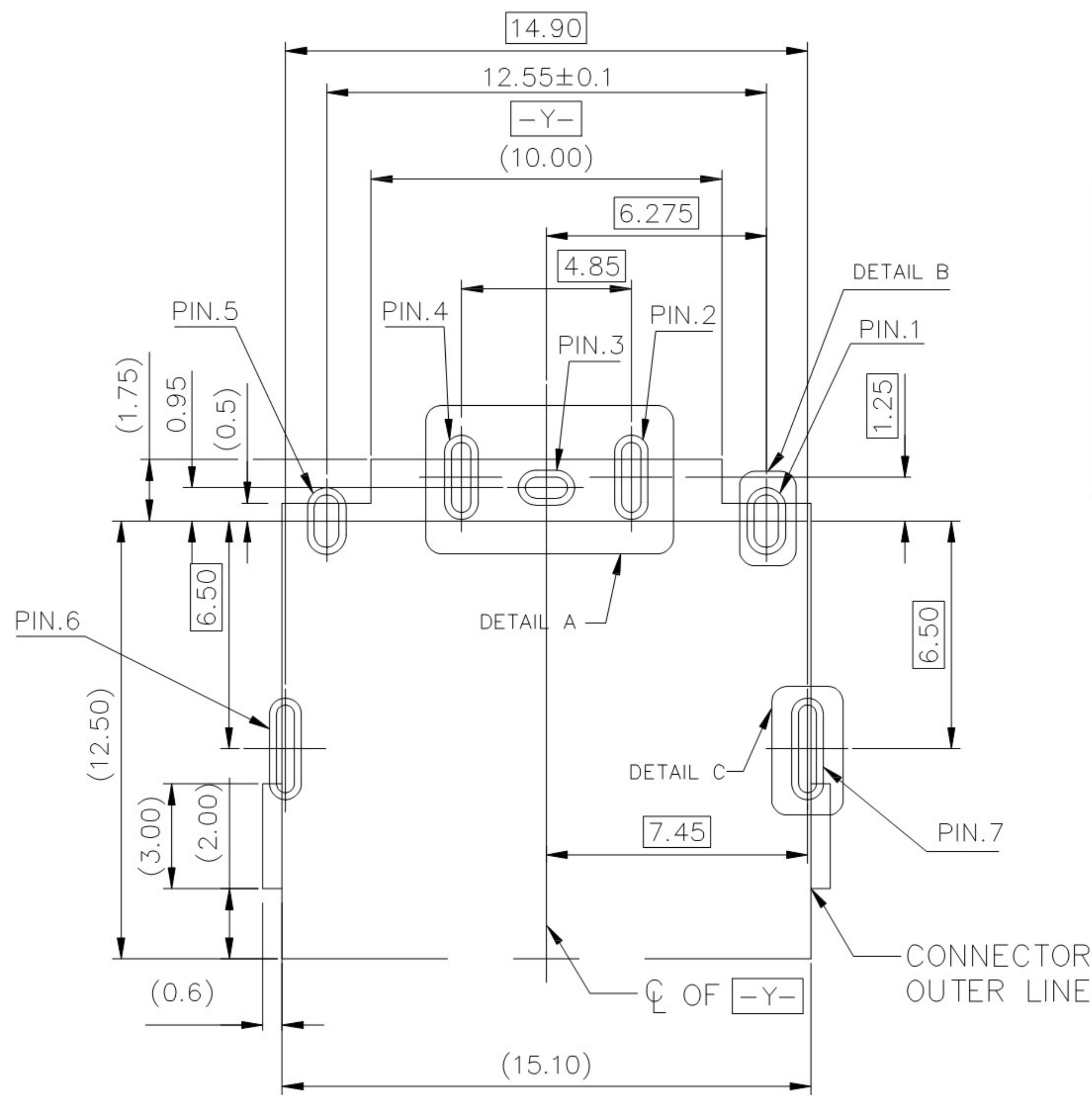
UNLESS OTHERWISE
SPECIFIED TOLERANCES



东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

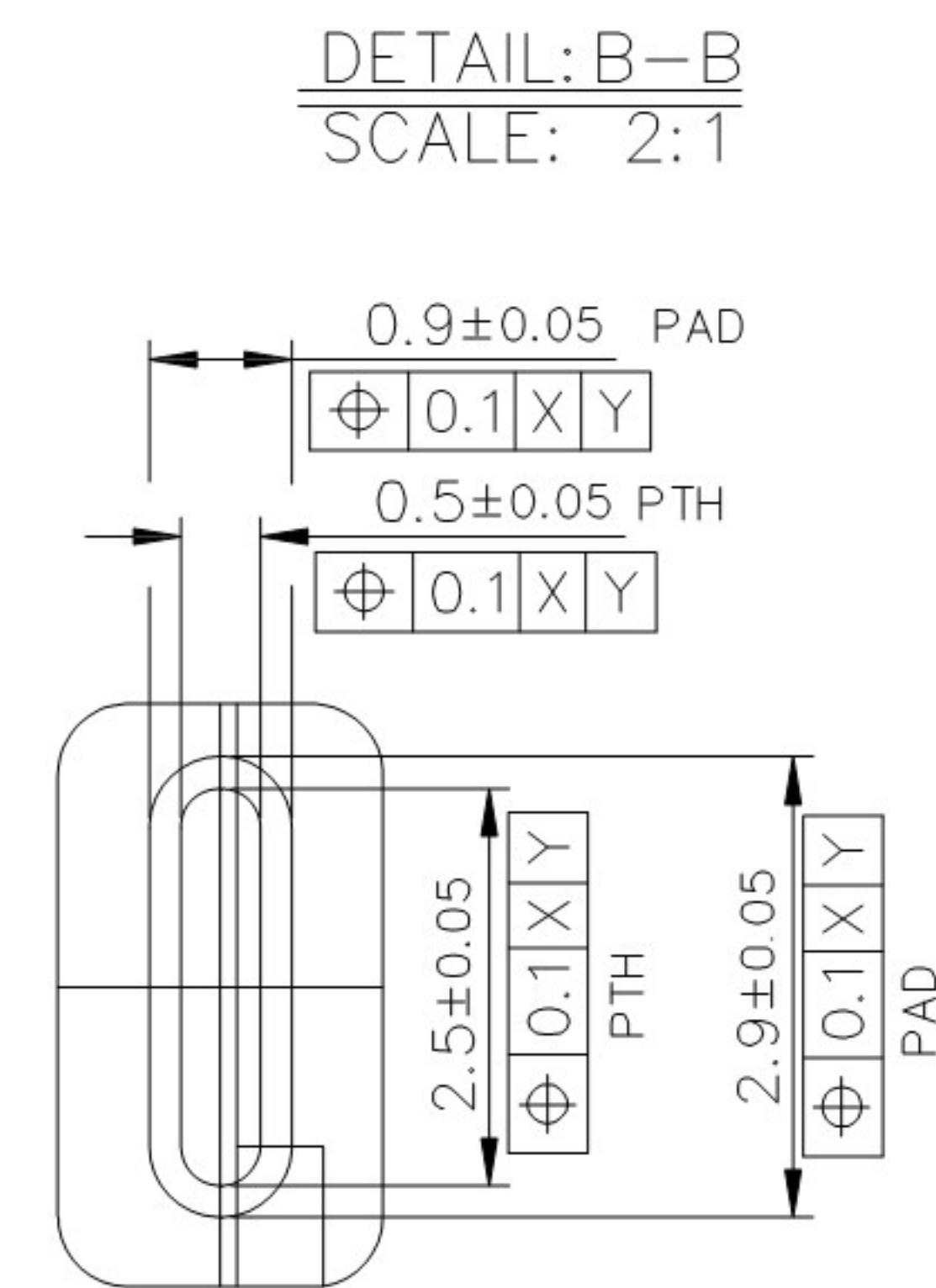
DECIMALS:		ANGLES:		DESIGN:	Tony 2020.6.22	PART NAME: 方形DC JACK	
DIM	TOL	DIM	TOL	CHECK:		PART NO. DC1101	
X.	±0.50	X.	±2°			 3RD ANGLE PROJECTION	UNIT: mm
X.X	±0.30	X.X	±1°				
X.XX	±0.20	X.XX	——				
X.XXX	±0.10	X.XXX	——	APPROVED	Andy 2020.6.22	SHEET: 1/3	REV.: A1
						DRAWING NO	

REV.	ECN NO.	DESCRIPTION	DESIGN	DATE
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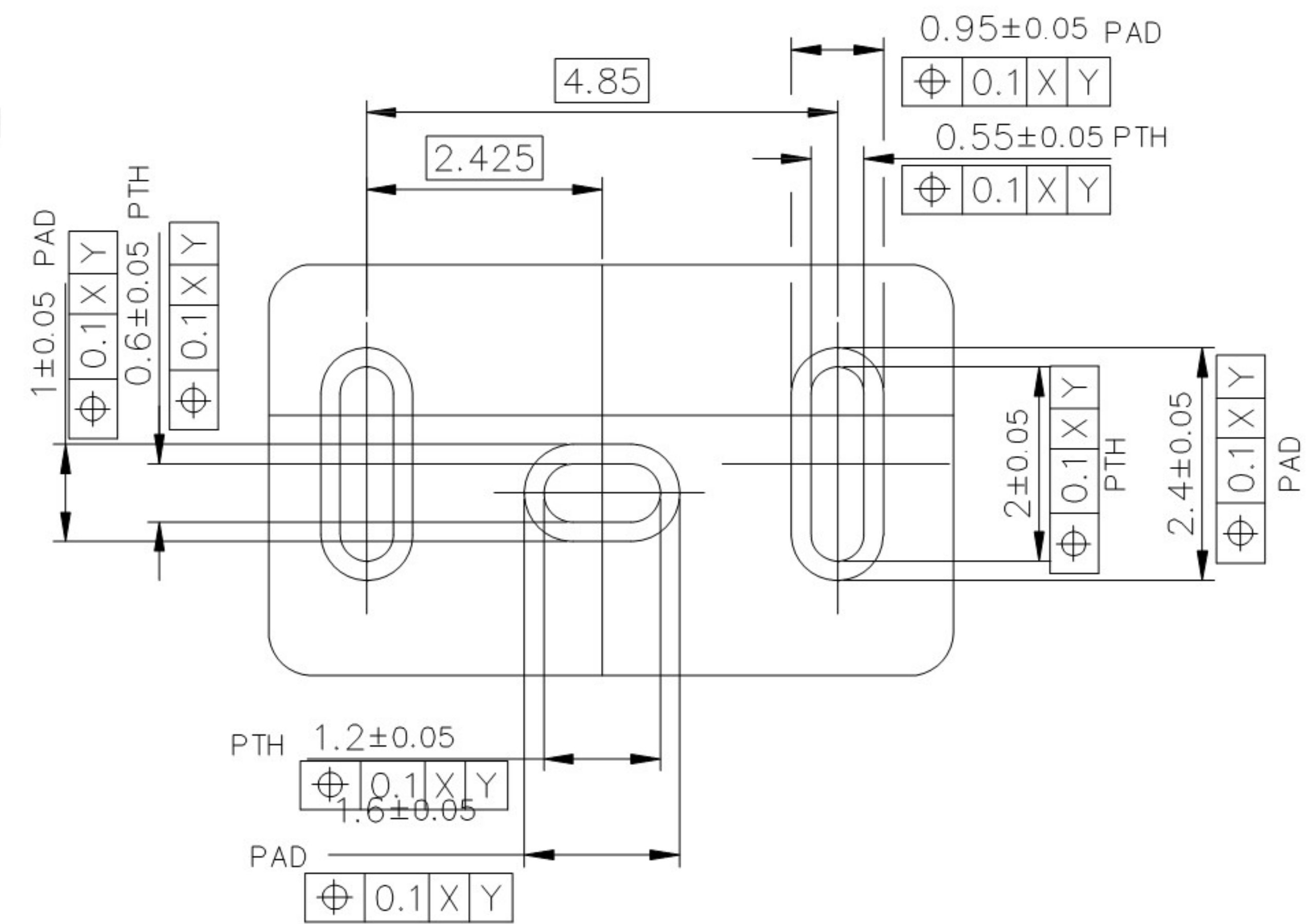
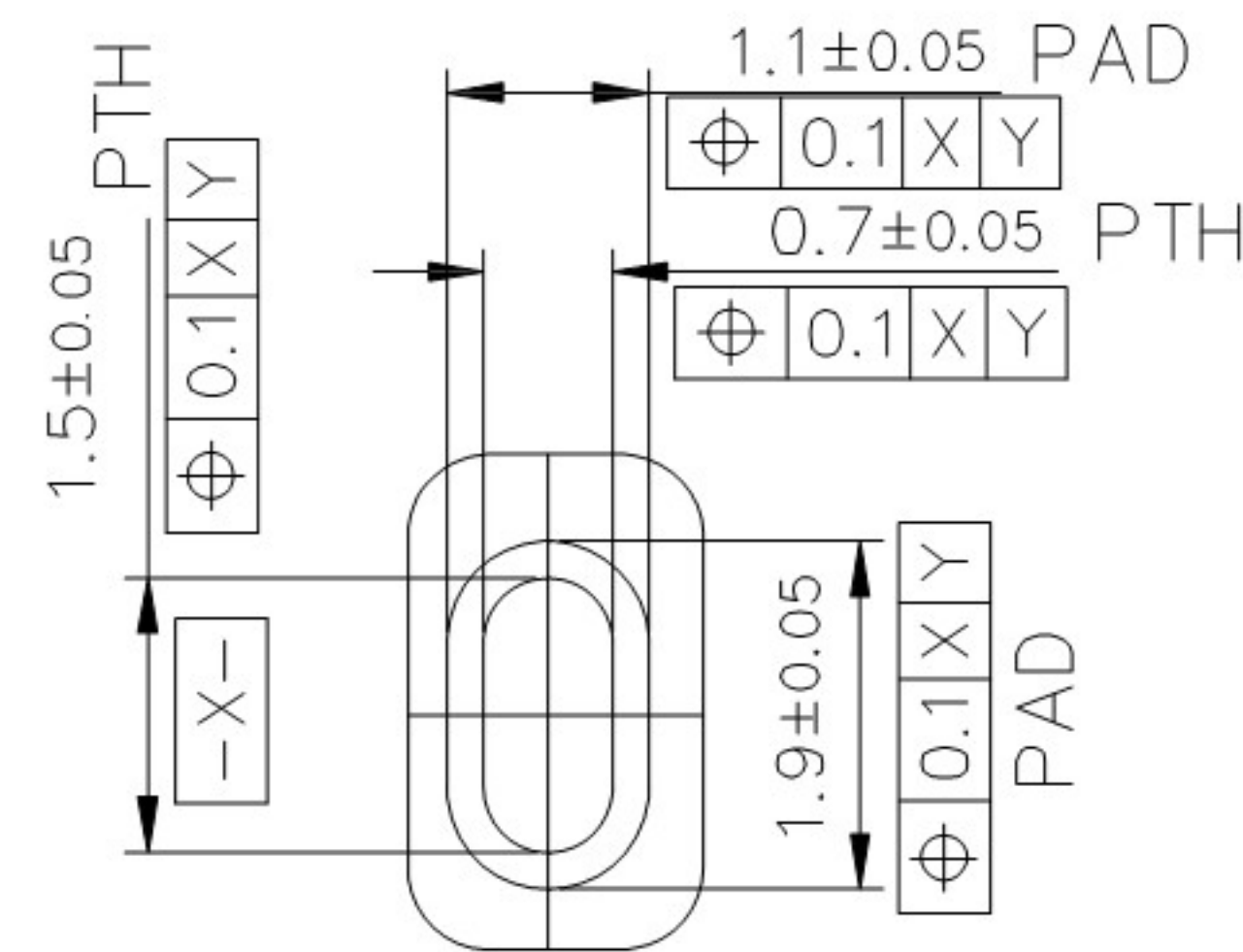


RECOMMENDED P.C.BOARD PATTERN LAYOUT
(TOP VIEW)TOLERANCE:±0.05 (THICKNESS=1.0mm)

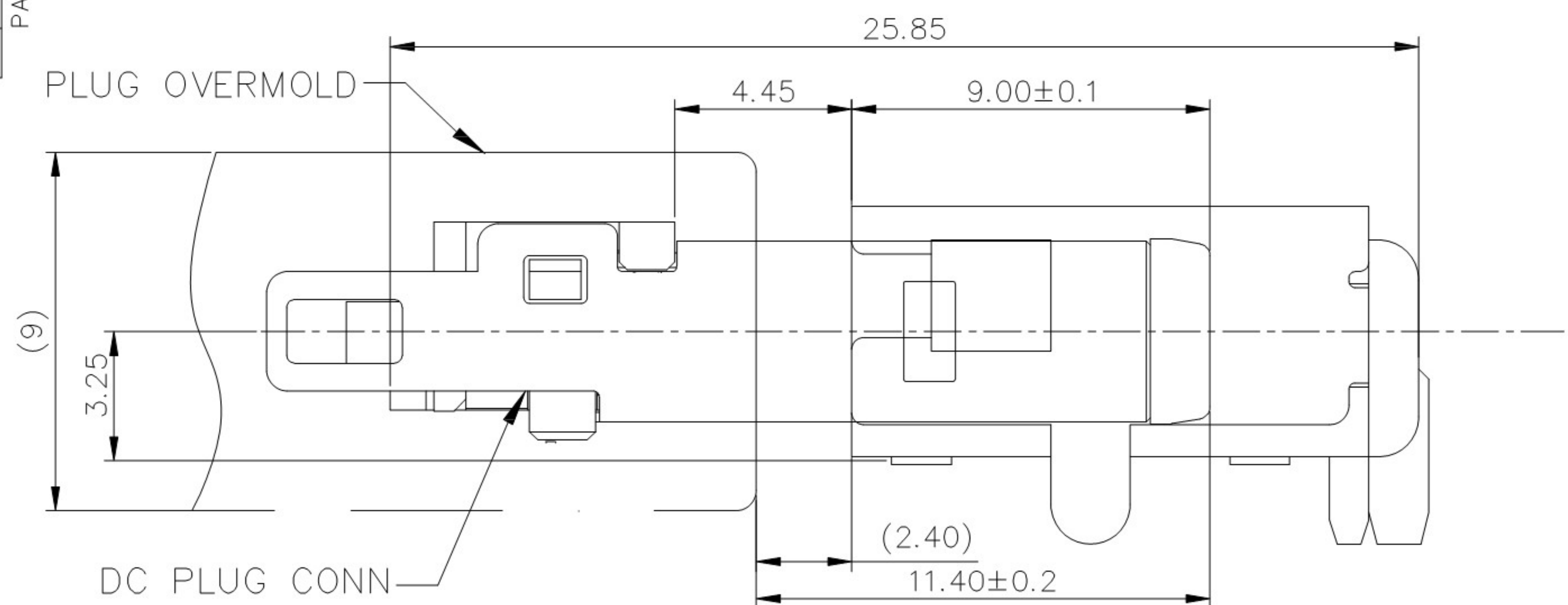
PIN DEFINE:
1: GND
2: POWER
3: DETECT (ID)
4: POWER
5: GND
6: GND
7: GND



DETAIL: B-B
SCALE: 2:1



DETAIL: A-A
SCALE: 2:1

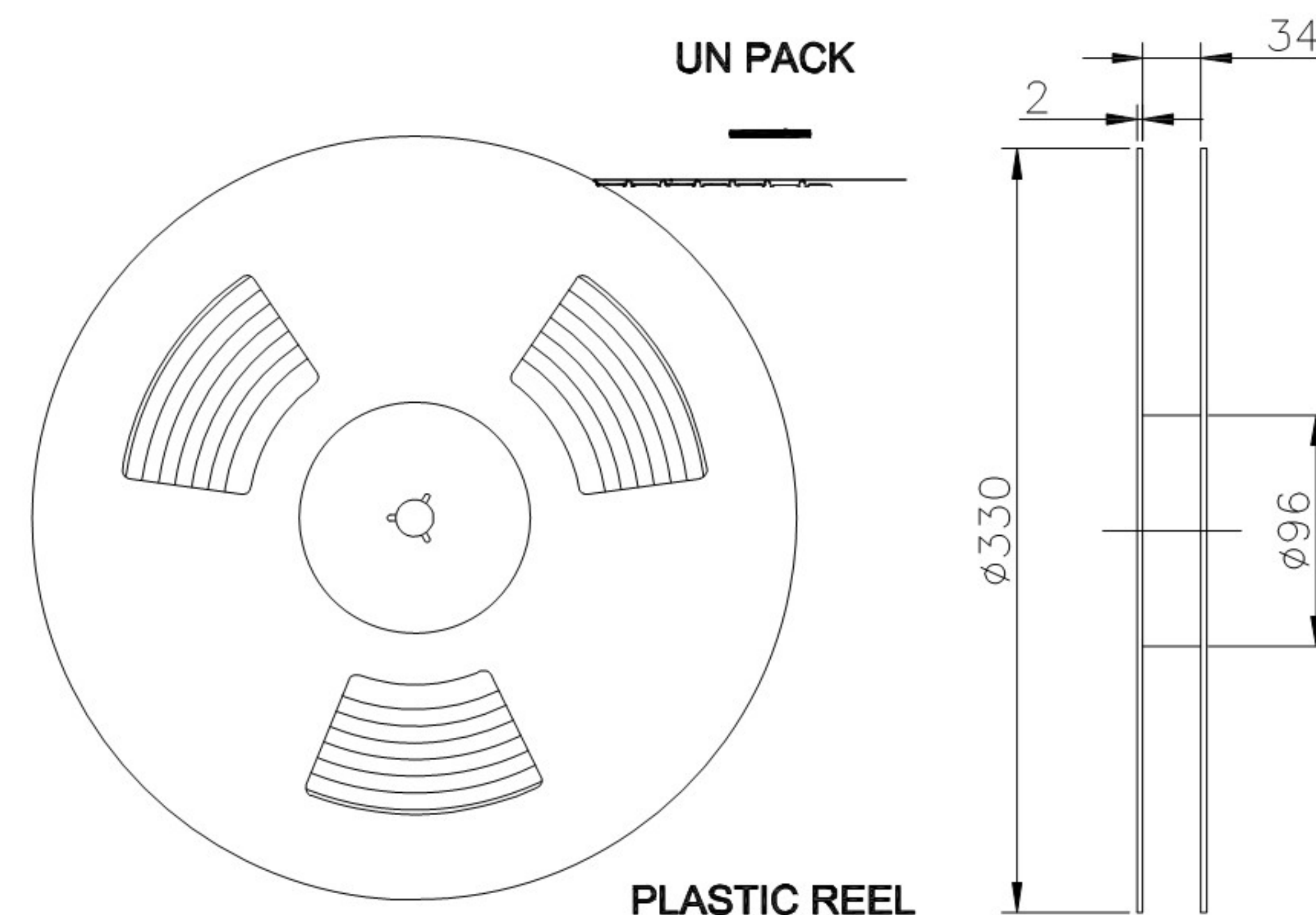
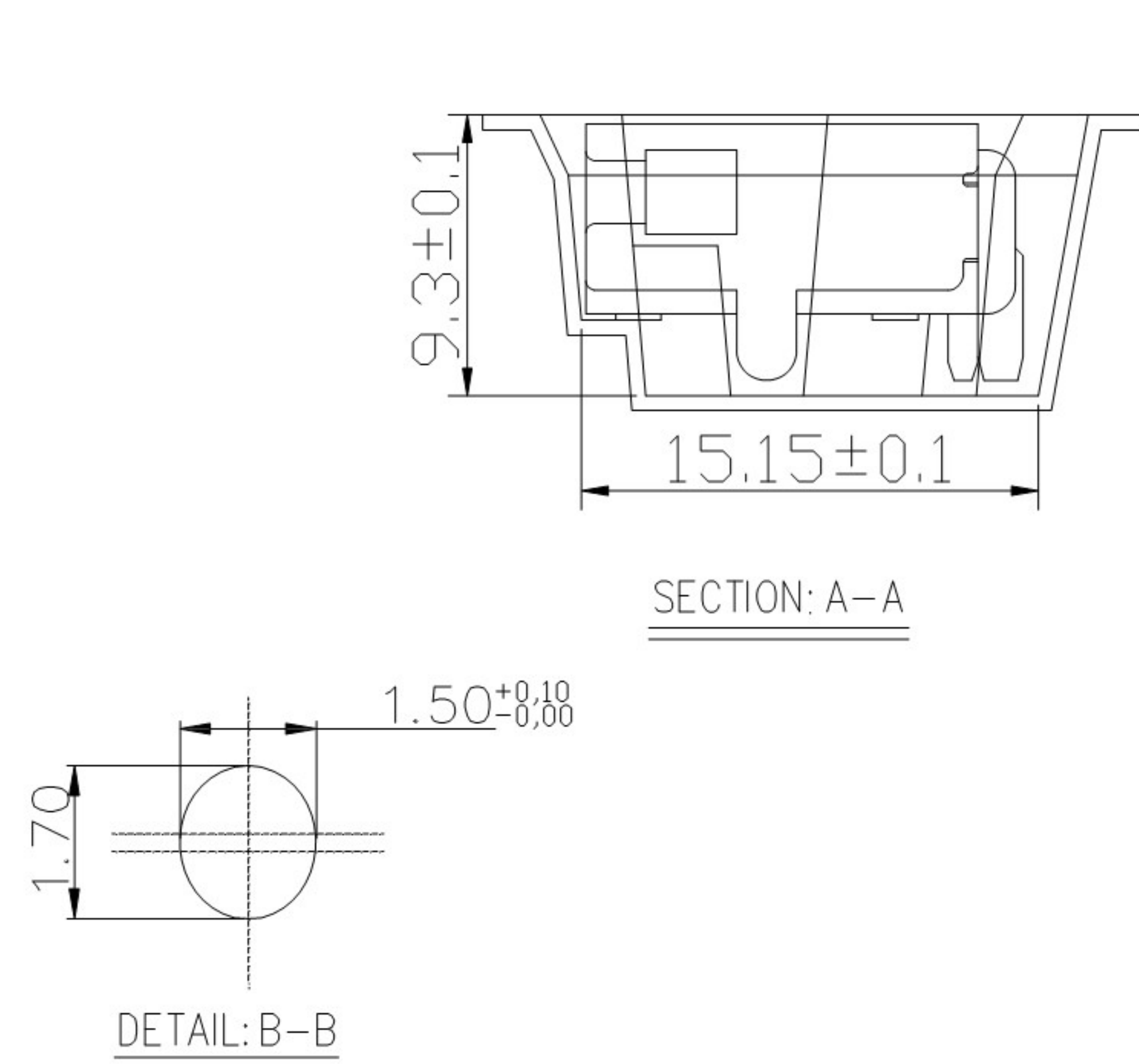
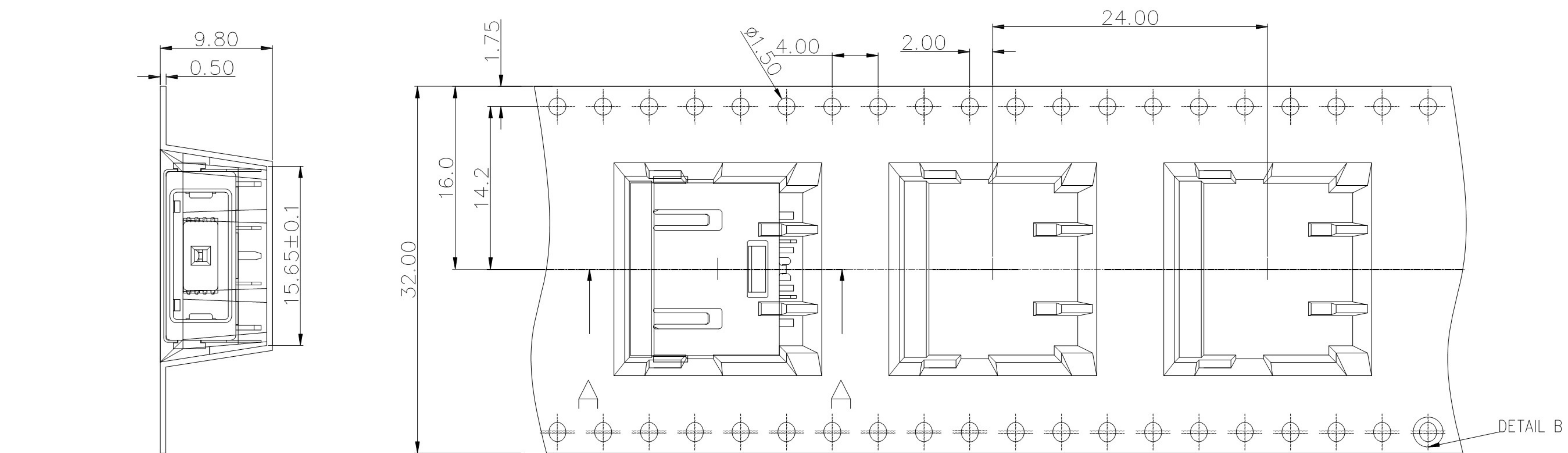


MATING CONDITION

UNLESS OTHERWISE SPECIFIED TOLERANCES				Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
DECIMALS:		ANGLES:		DESIGN:	Tony 2020.6.22	PART NAME: 方形DC JACK	
DIM	TOL	DIM	TOL	CHECK:		PART NO. DC1101	
X.	±0.50	X.	±2°			SHEET: 2/3	REV.: A1
X.X	±0.30	X.X	±1°				
X.XX	±0.20	X.XX	—				
X.XXX	±0.10	X.XXX	—	APPROVED	Andy 2020.6.22	DRAWING NO	
3RD ANGLE PROJECTION				UNIT: mm			

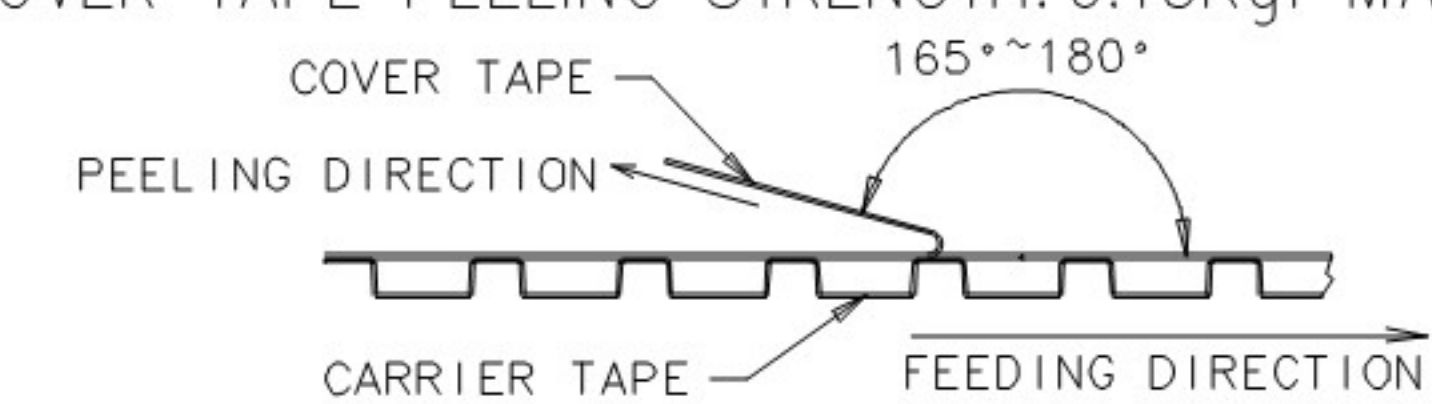
REV.	ECN NO.	DESCRIPTION	DESIGN	DATE
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8 7 6 5 4 3 2 1



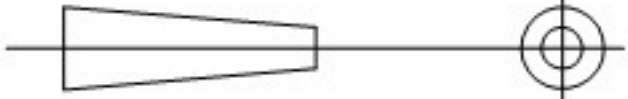
NOTES:

1. CARRIER TAPE MATERIAL: THERMOPLASTIC ANTI-STATIC FILM OR EQUIVALENT
THICKNESS: 0.50±0.05MM;COLOR: TRANSPARENT.
2. COVER TAPE MATERIAL : CONDUCTIVE COVER TAPE OR EQUIVALENT;
3. PLASTIC REEL MATERIAL: PS,COLOR:BLUE;
4. PEEL STRENGTH REQUIREMENT OF COVER TAPE TO COMPLY WITH EIA-481;
5. ALL TAPE AND SPROCKET HOLE DIMENSIONS SHOWN ARE PER EIA-481;
6. COVER TAPE PEELING STRENGTH: 0.13Kgf MAX. AT 300mm/Min.



7. PACKAGING CAPACITY:

PCS/REEL	REEL/BOX	PCS/BOX
300	8	2400

UNLESS OTHERWISE SPECIFIED TOLERANCES				 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
DECIMALS:		ANGLES:		DESIGN:	Tony 2020.6.22	PART NAME: 方形DC JACK
DIM	TOL	DIM	TOL	CHECK:		
X.	±0.50	X.	±2°			
X.X	±0.30	X.X	±1°			
X.XX	±0.20	X.XX	—			
X.XXX	±0.10	X.XXX	—	APPROVED	Andy 2020.6.22	SHEET: 3/3
 3RD ANGLE PROJECTION		UNIT: mm		REV.: A1		
				DRAWING NO		

REV.	ECN NO.	DESCRIPTION	DESIGN	DATE
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