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PRELIMINARY

RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TX 1CT : 1
RX 1CT : 1

□CL @ 100kHz/100mVRMS (0-70°C)
8mA DC BIAS 350μH MIN.

INS. LOSS

0.1MHz TO 1MHz -1.1 dB MAX
1MHz TO 65MHz -0.5 dB MAX
65MHz TO 100MHz -0.8 dB MAX
100MHz TO 125MHz -1.2 dB MAX

RET. LOSS (MIN) @ 100 ΩHMS +/- 15%
0.5MHz-40MHz -18 dB
40MHz-100MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

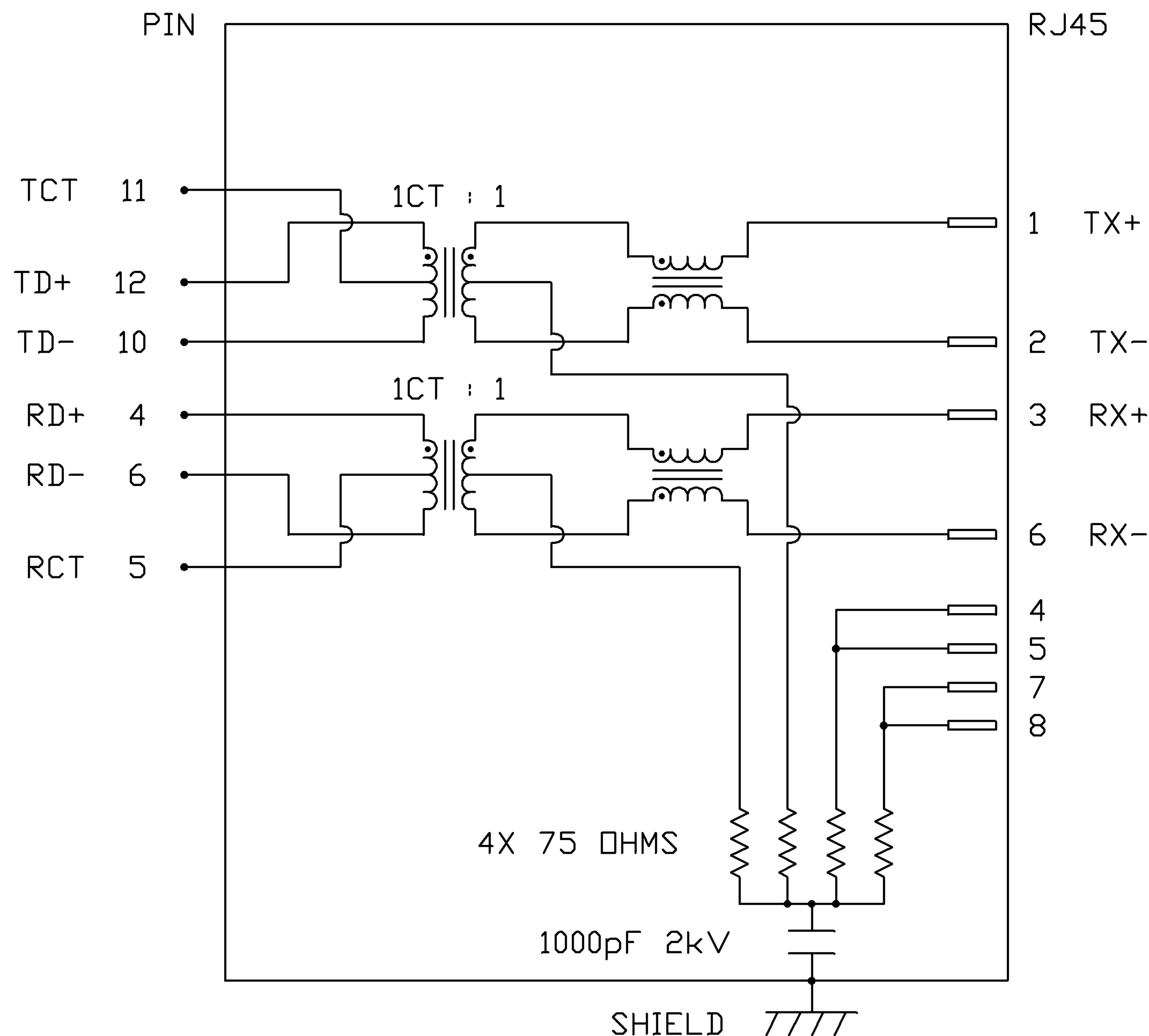
CM TO DM REJ


100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH
IEEE 802.3 ISOLATION REQUIREMENTS.

SCHEMATIC



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET™
CHOW WANCHUNG	05-20-08	10/100 MagJack® (NanoJack)	L835-1XX1-91	TOL. IN INCH	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	
DENG PING	05-20-08		L835-1XX1-91_PA.DWG	.XX	SIZE : A4	
				.XXX	PAGE : 2	

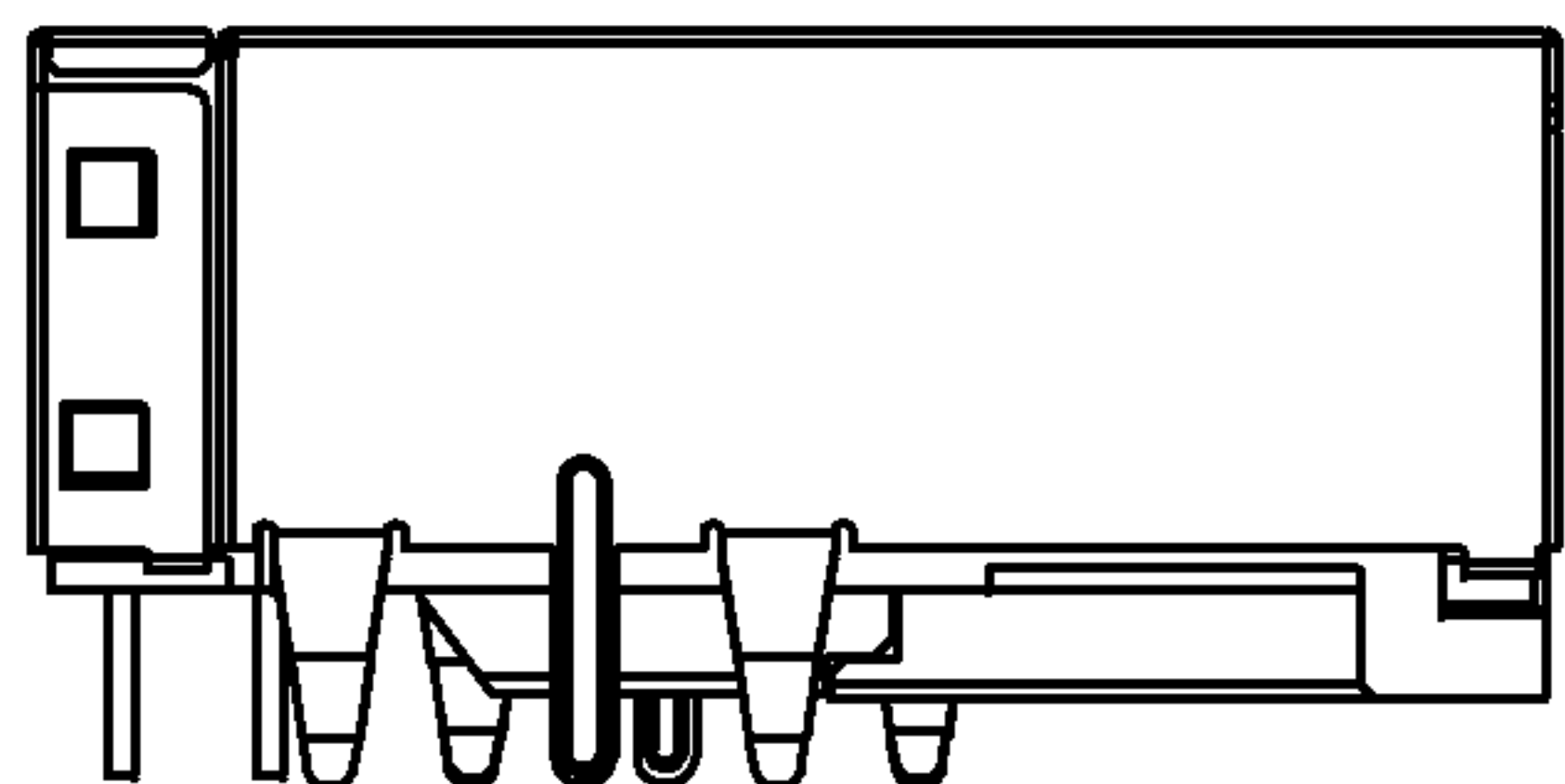
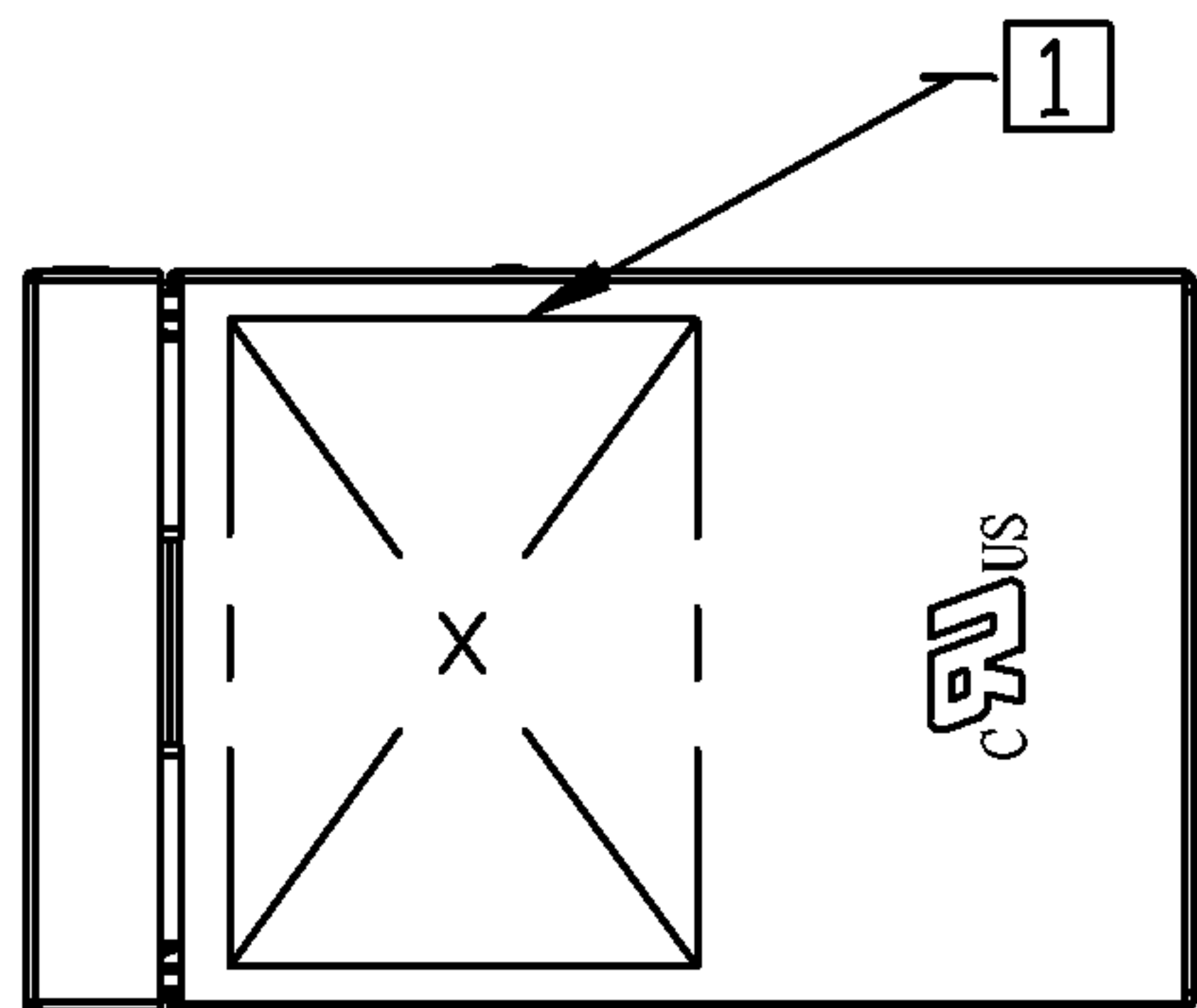
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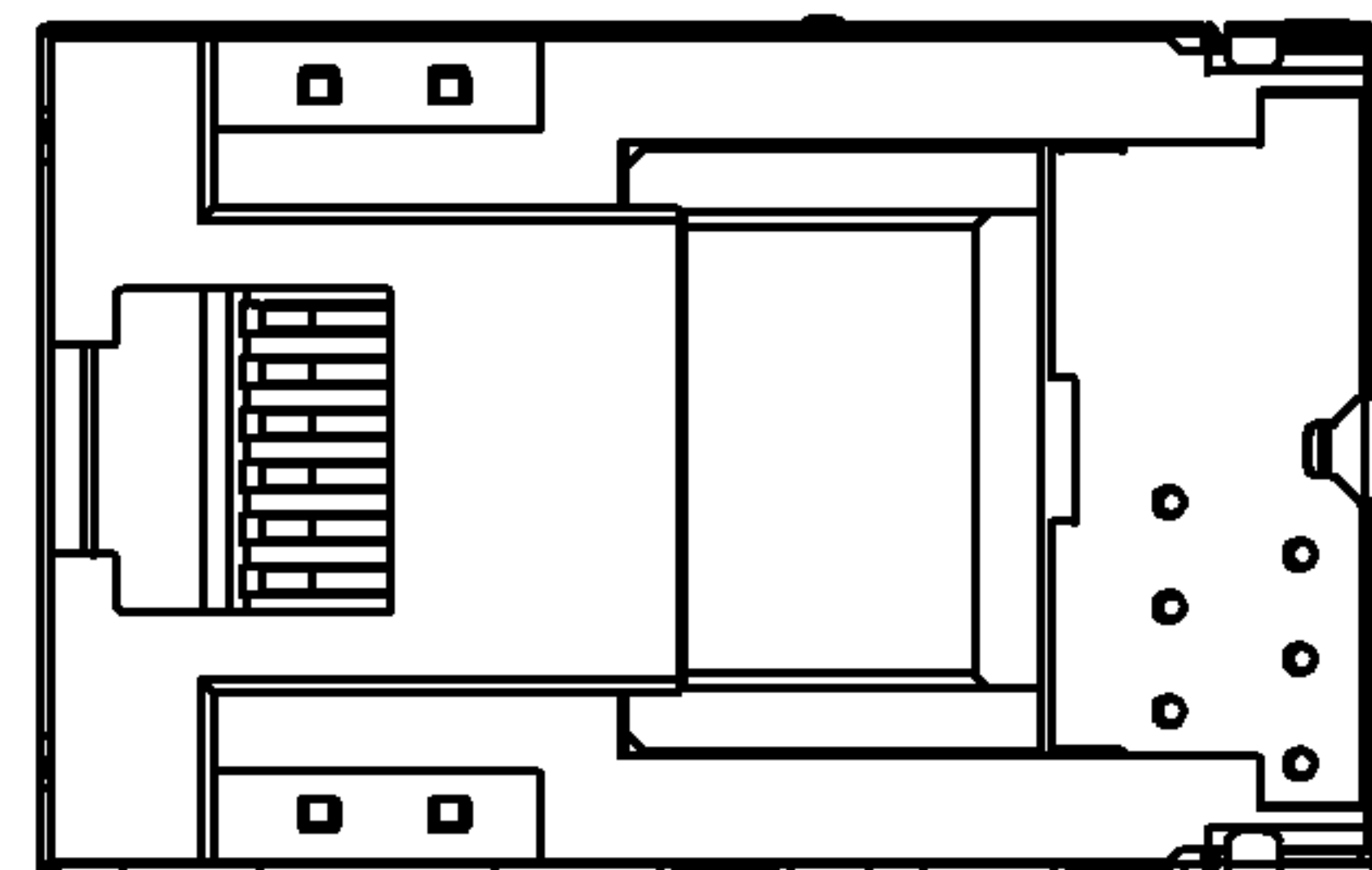
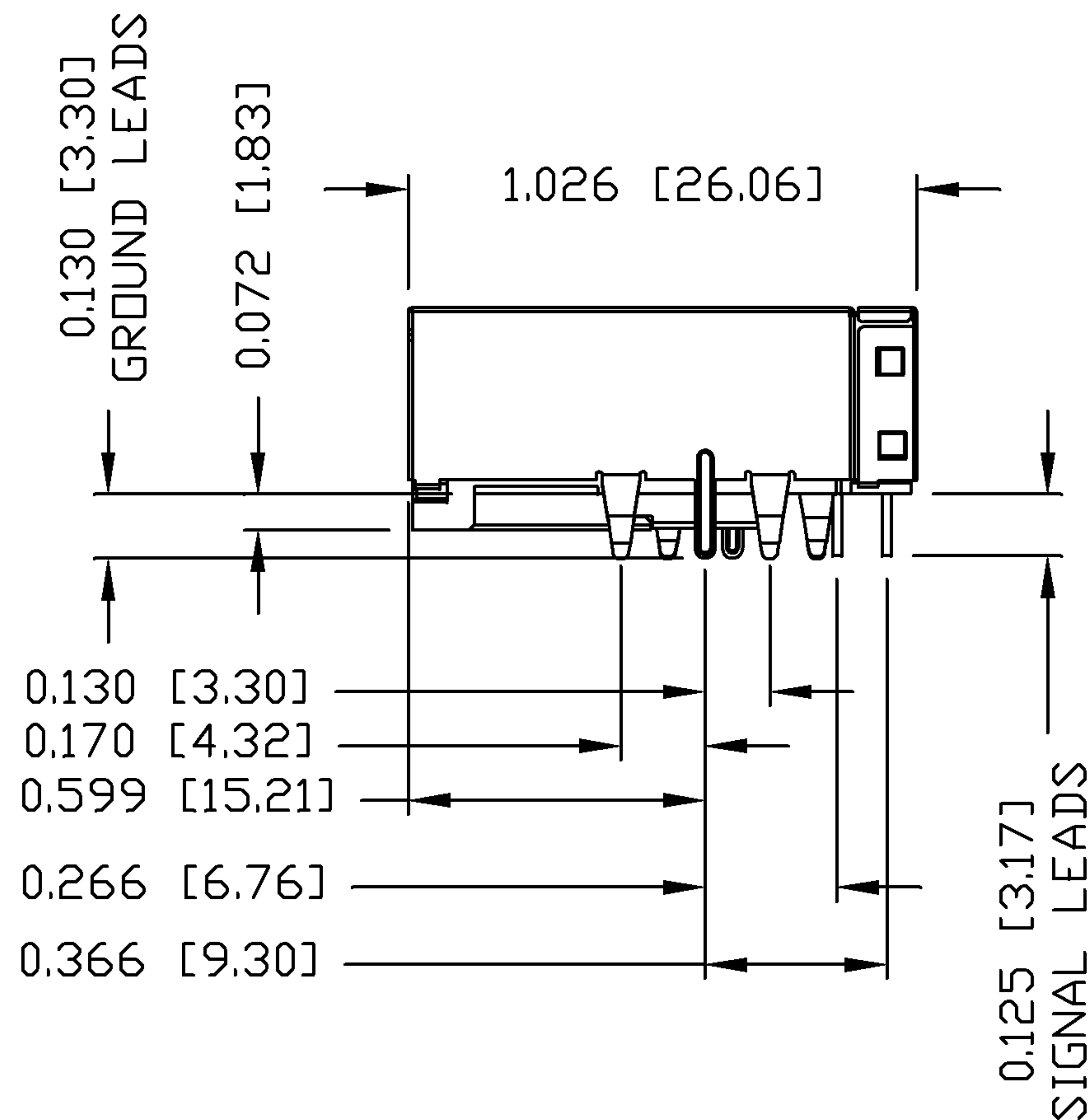
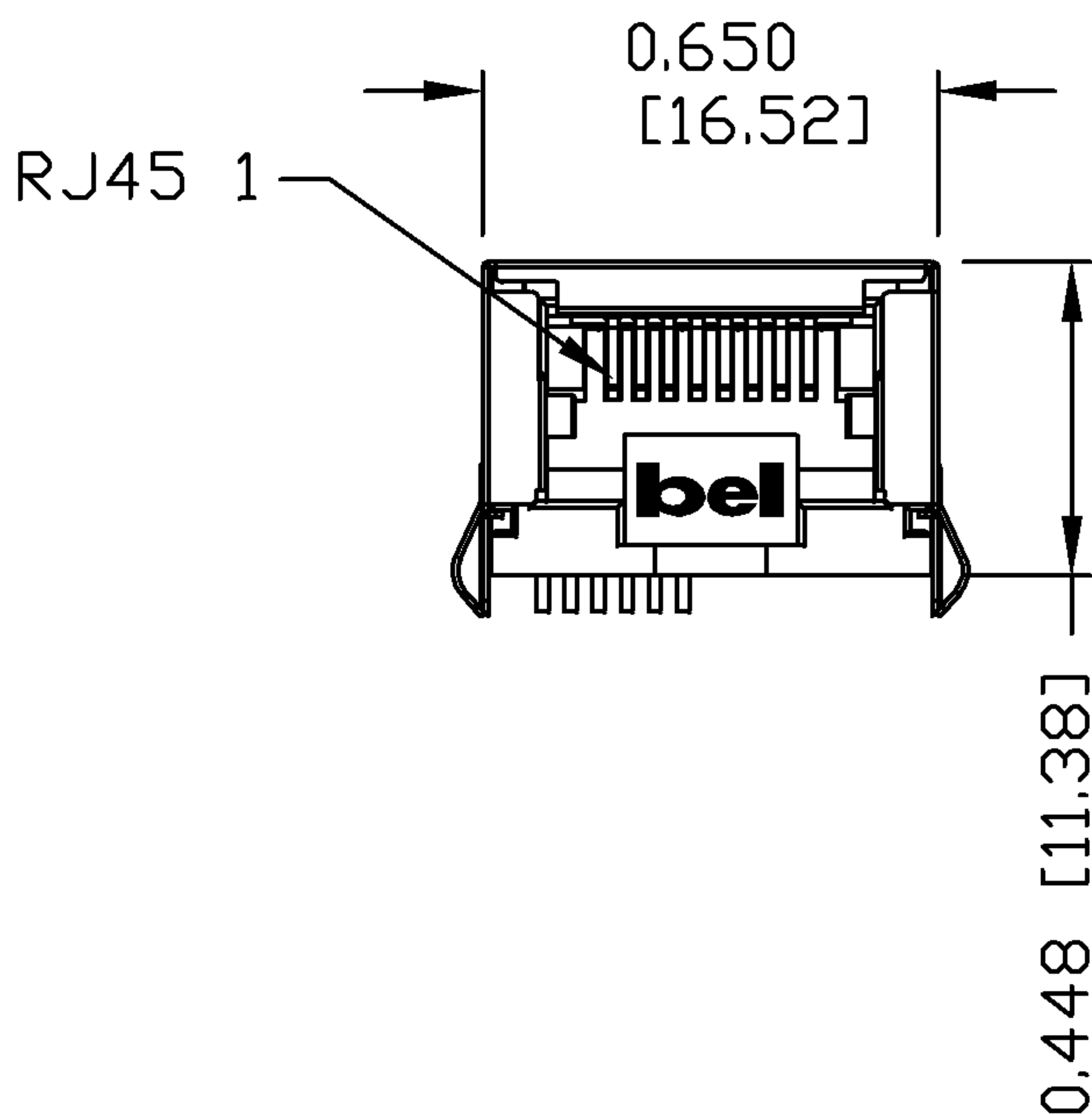
RoHS
2002/95/EC



MECHANICAL SPECIFICATION



0.170 [4.32]
0.130 [3.30]
0.055 [1.40]



NOTES:


PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

CULUS UL RECOGNIZED - FILE #E196366 AND E169987.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE 10/100 MagJack® (NanoJack)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
ZX HUANG	05-20-08 <td>L835-1XX1-91</td> <th colspan="2">TOL. IN INCH</th> <th>UNIT : INCH [mm]</th> <th>REV. : PA</th>		L835-1XX1-91	TOL. IN INCH		UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME L835-1XX1-91_PA.DWG	.X		SCALE : N/A	SIZE : A4
LU XUEPING	05-20-08			.XX		±0.015	PAGE : 3
				.XXX		±0.010	

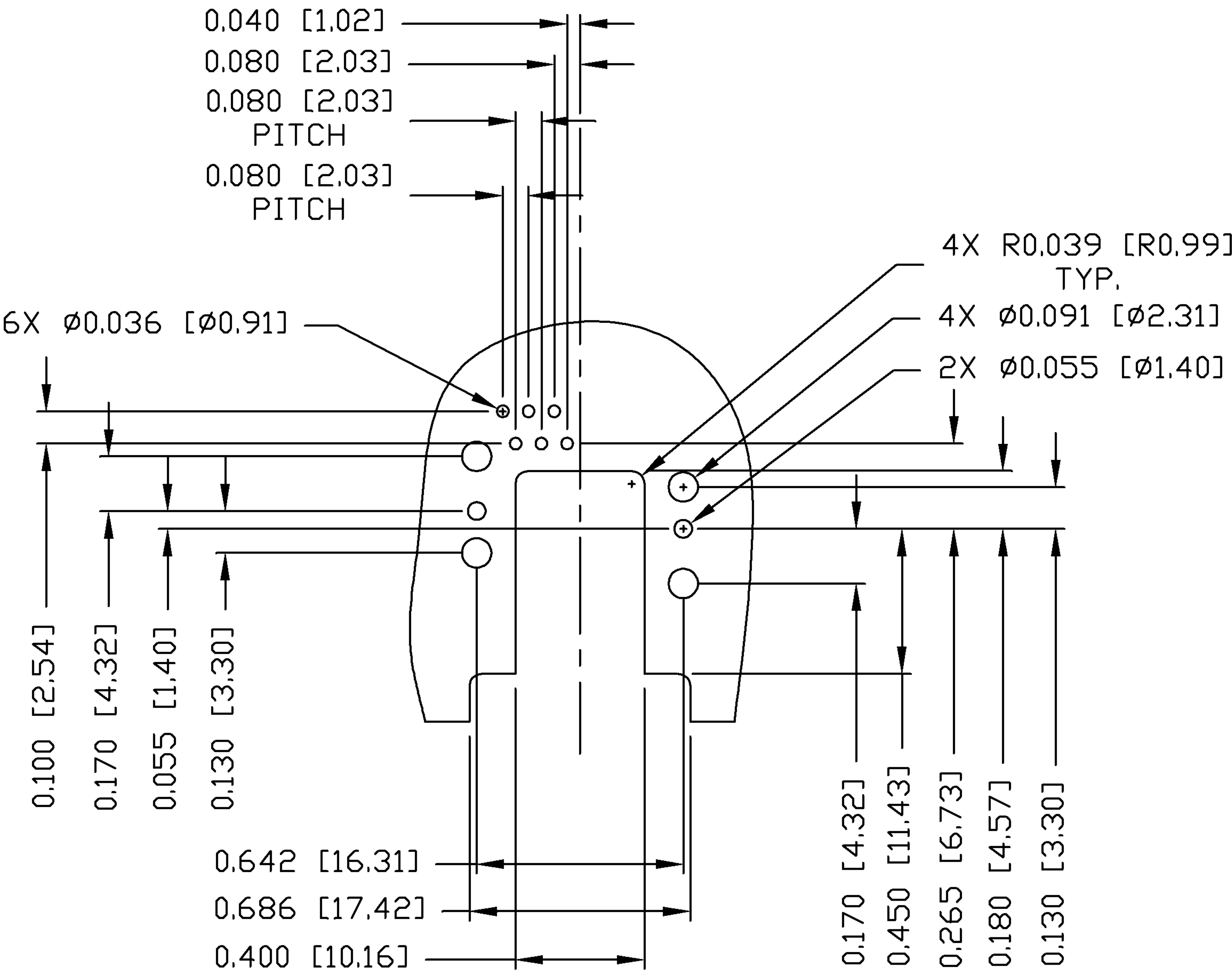

COMPONENTS FOR A
CONNECTED
PLANET™

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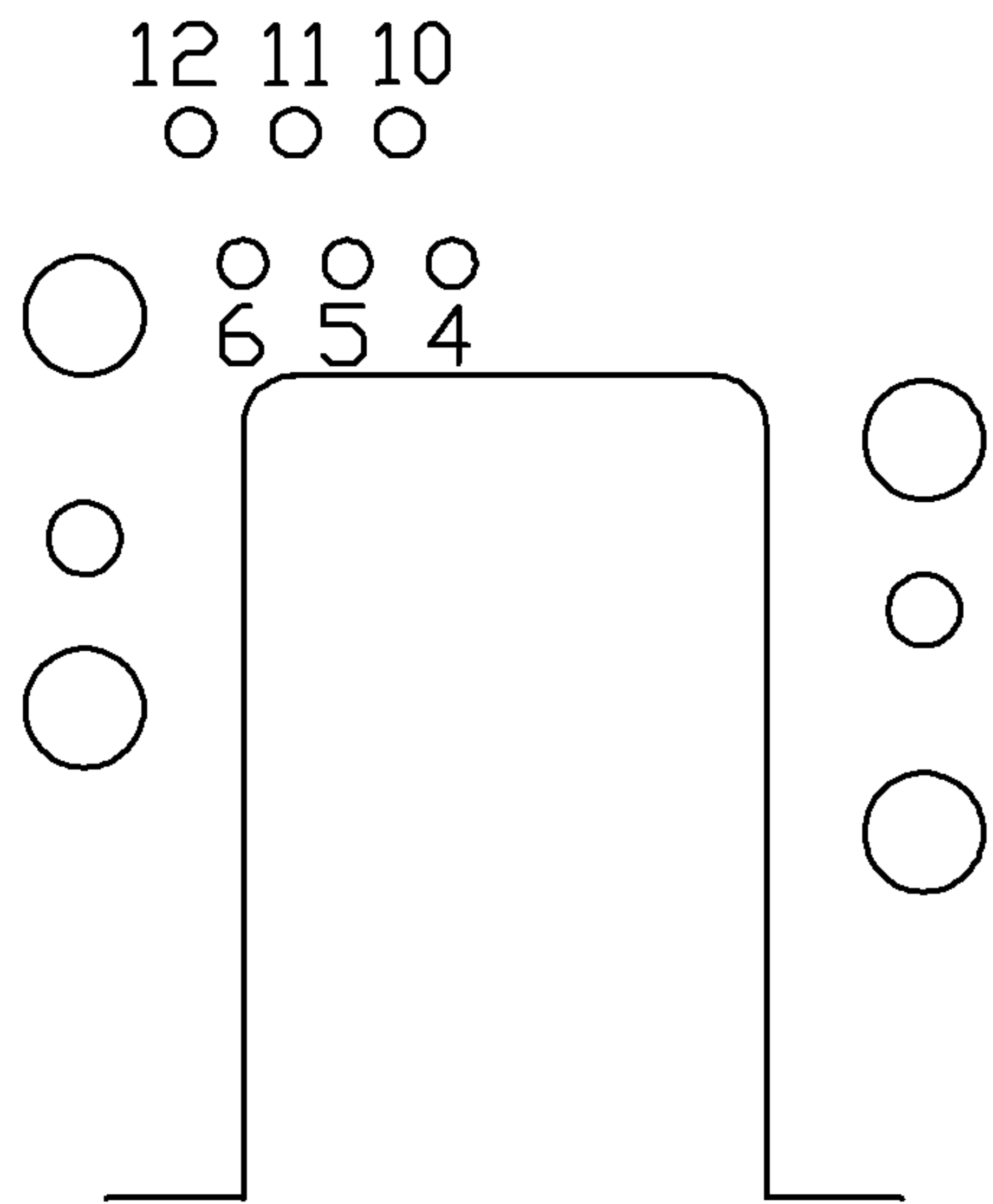
PRELIMINARY



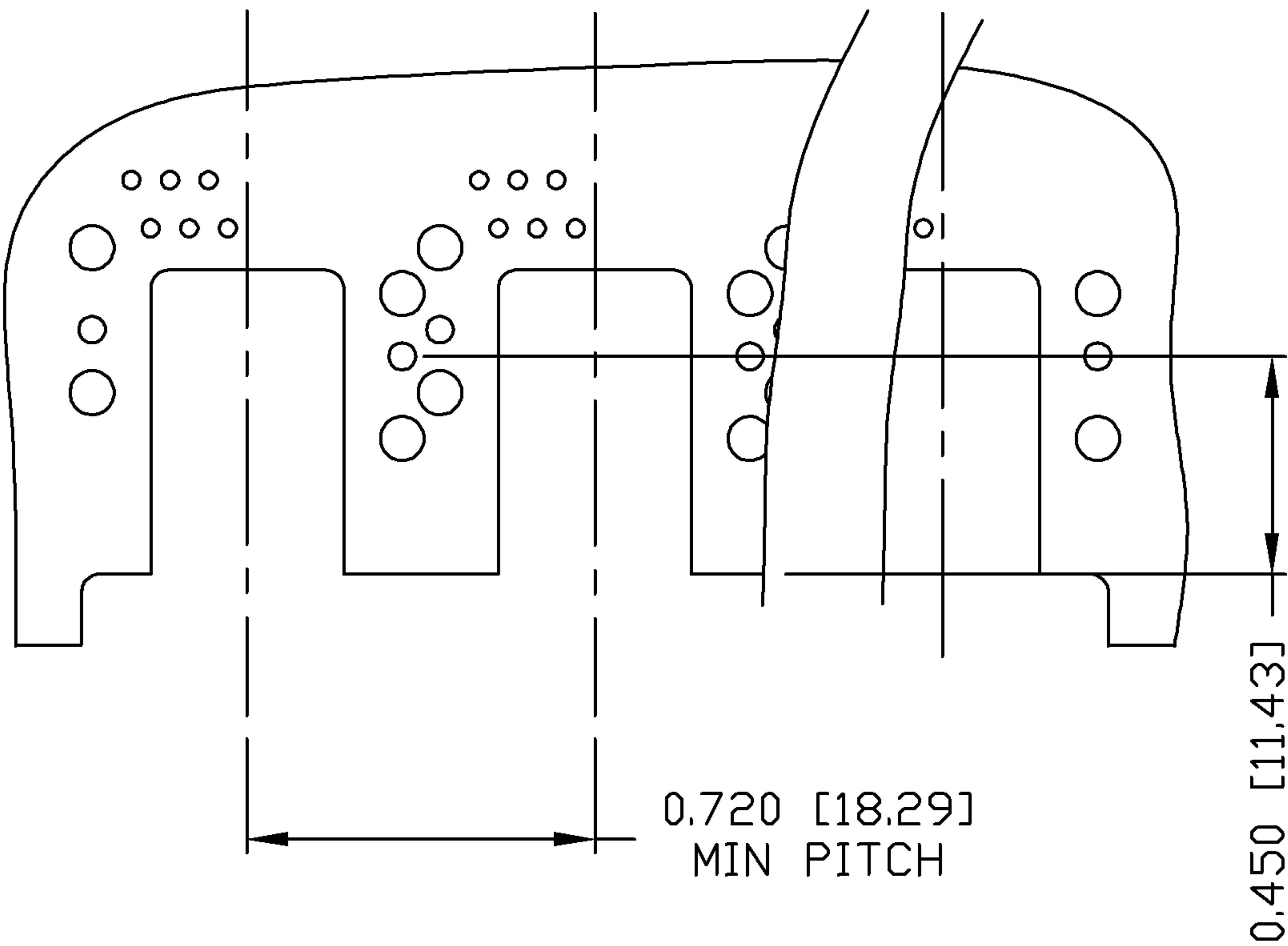
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW




FOR ONE UNIT



PIN ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

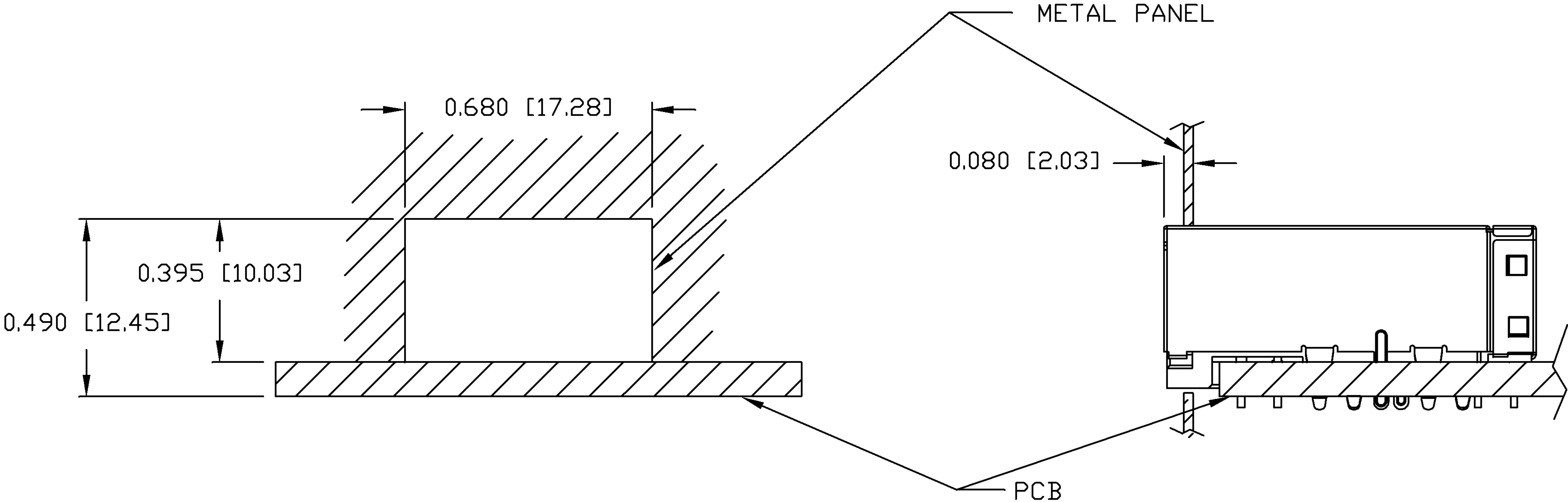
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DRAWN BY	DATE			.XX			PAGE : 4	
LU XUEPING	05-20-08			.XXX	±0.004			

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PRELIMINARY



SUGGESTED PANEL OPENING



NOTE:




THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-M3(TOP)
0200-9999-M4(BOTTOM)

PACKING QUANTITY : 65 PCS FINISHED GOODS PER TRAY.
12 TRAYS (780 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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LU XUEPING	05-20-08		L835-1XX1-91_PA.DWG	.XX				
			.XXX	±0.004				

