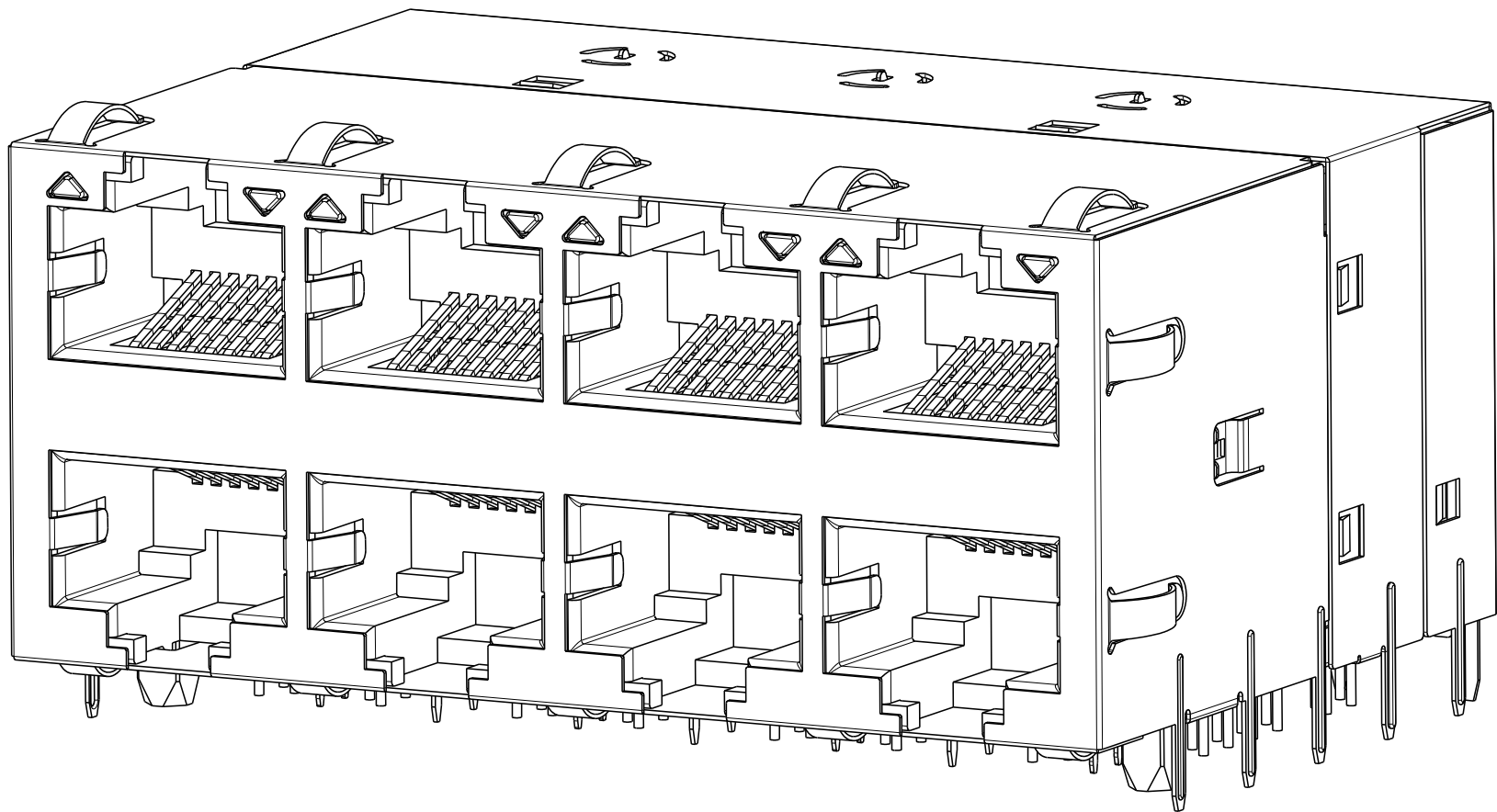


8 7 6 5 4 3 2 1

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

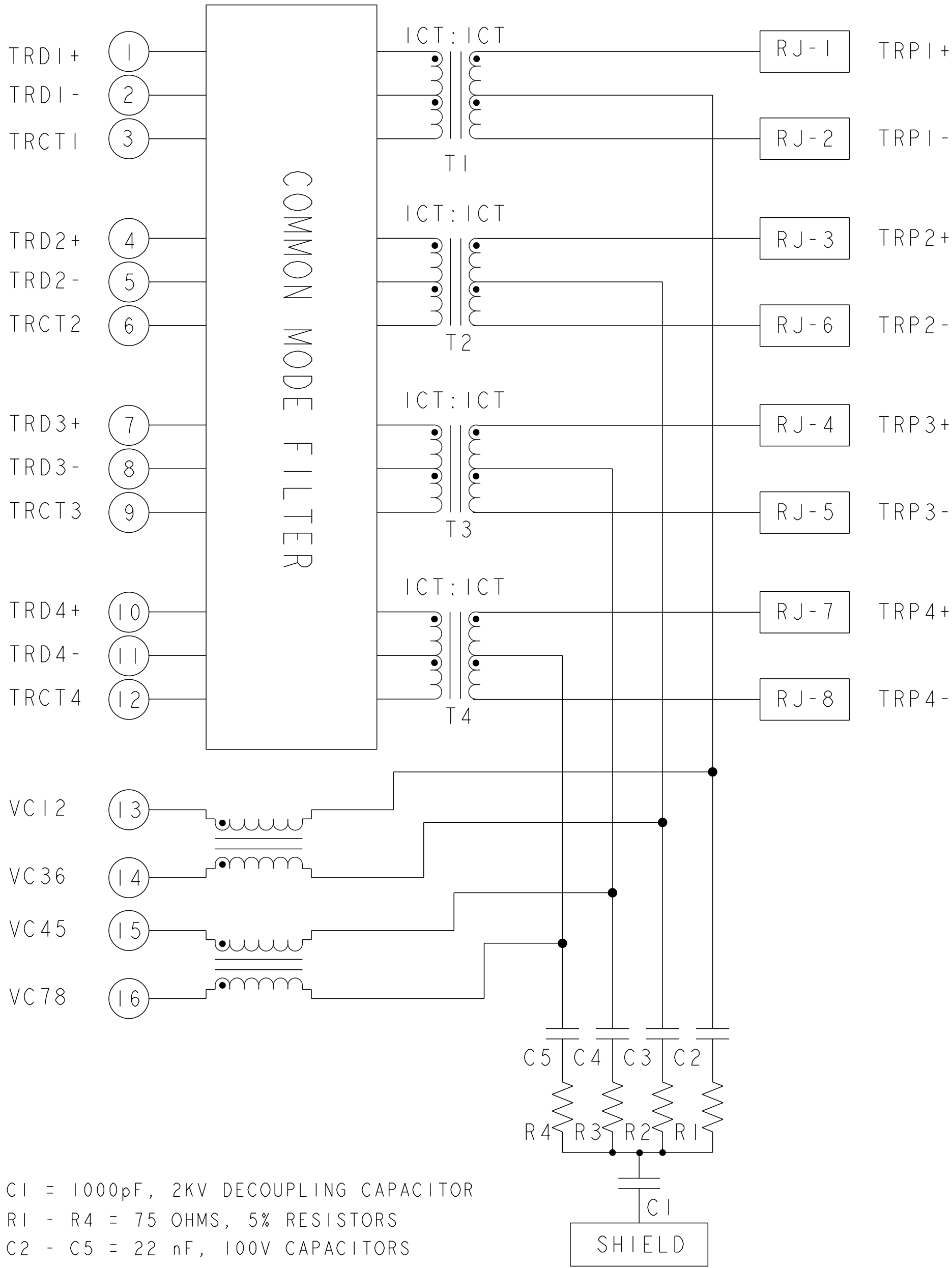
PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

REVISONS				
P	LYR	DESCRIPTION	DATE	DWN
1		INITIAL RELEASE	01MAR2021	JY



2250749-1

S9HTG07 10G 4PPoE CIRCUIT



C1 = 1000pF, 2KV DECOUPLING CAPACITOR
R1 - R4 = 75 OHMS, 5% RESISTORS
C2 - C5 = 22 nF, 100V CAPACITORS

1. MATERIALS
HOUSING: THERMOPLASTIC, BLACK, FLAMMABILITY RATING UL 94V-0
SHIELD: NICKEL PLATED ON COPPER ALLOY (ALL GROUND LEADS ARE SOLDER DIPPED)
CONTACT: PHOSPHOR BRONZE, WITH 1.27um MIN OVERALL NICKEL UNDERPLATE AND SELECTIVE 1.27um MIN GOLD PLATING AT MATING INTERFACE

2. MAGNETICS
- APPLICATION: 1G/10G BASE-T, 4PPoE
- IMPEDANCE: 100 OHMS
- TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
- OPEN CIRCUIT INDUCTANCE (OCL): 160uH MIN @ 100kHz, 0.1VRMS, ALL FOUR PAIRS, 120uH MIN @ 100kHz, 0.1VRMS, 19mA DC BIAS, ALL FOUR PAIRS.
- ALL FOUR PAIRS BI-DIRECTIONAL
- PoE CURRENT: 600mA DC MAX
- PERFORMANCE @ 25°C, PLEASE REFER TO SEPARATED SHEET.
- ISOLATION VOLTAGE: 2250VDC FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC, WITH ALL PORTS CONNECTED.

3. THE MAGNETIC CIRCUIT ON ALL FOUR CHANNELS IS SYMMETRICAL AND SUPPORTS AUTO-MDIX OPERATION.

4. OPERATING TEMPERATURE: 0°C - 70°C.

5. DATUM Y AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

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

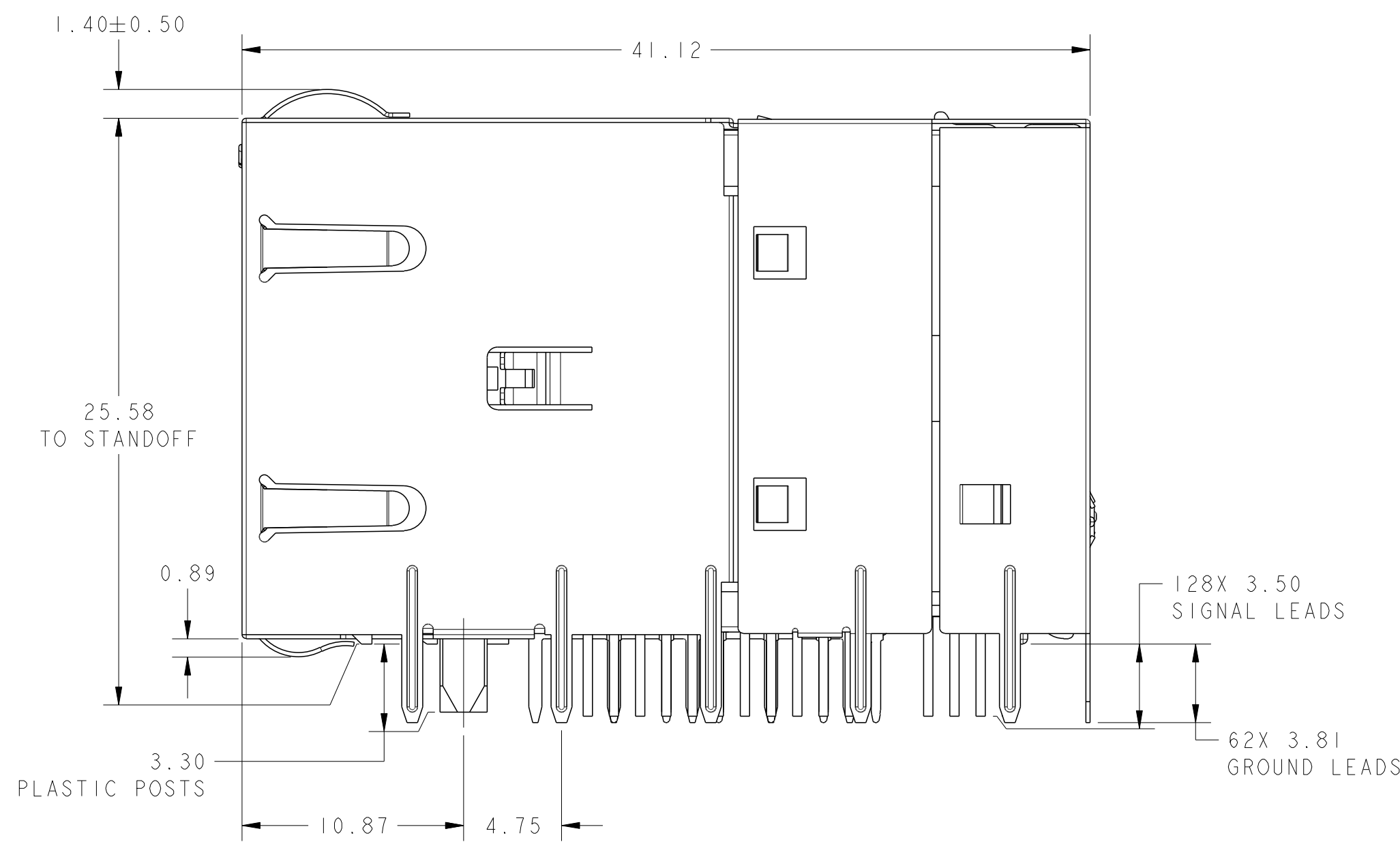
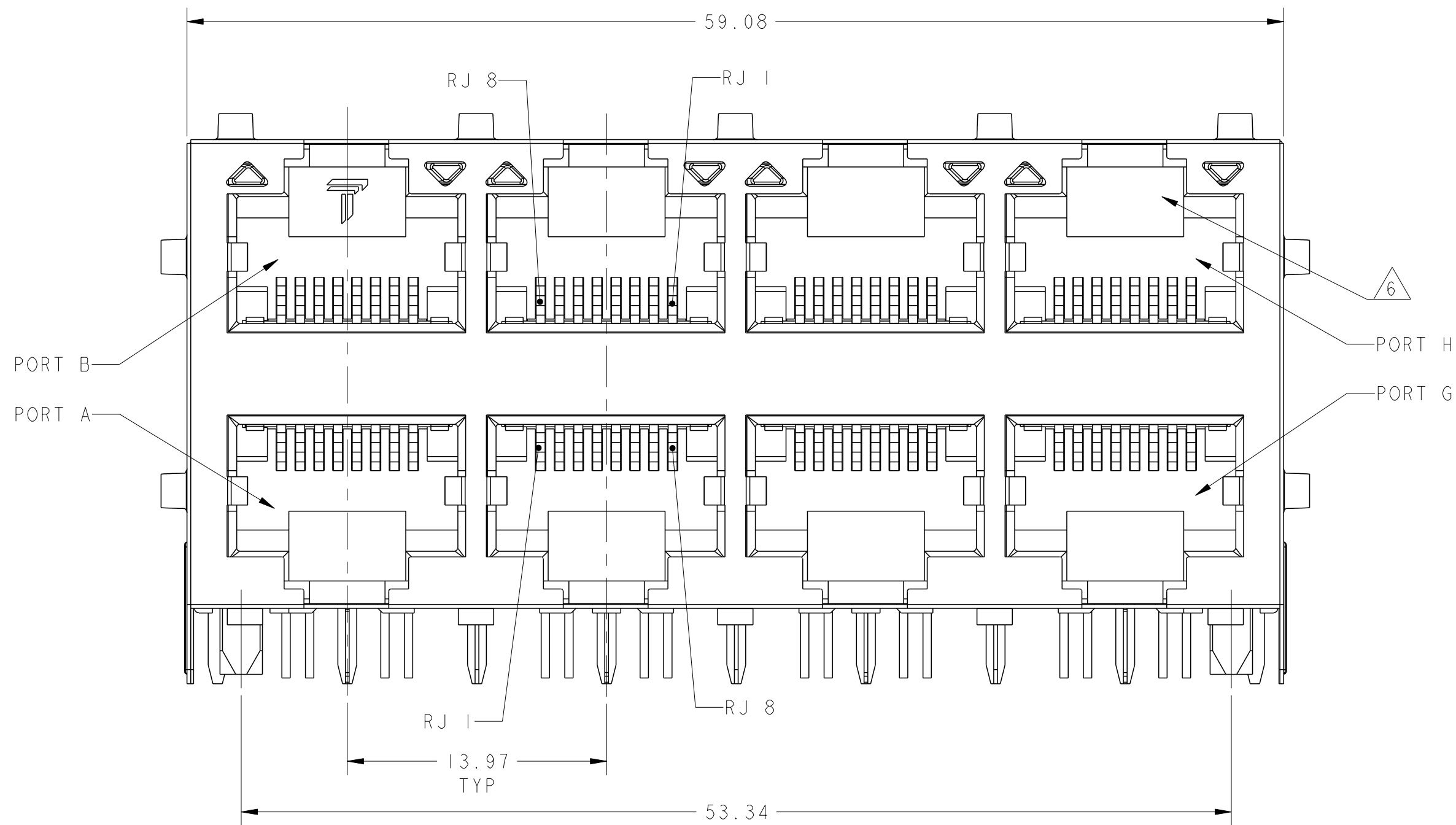
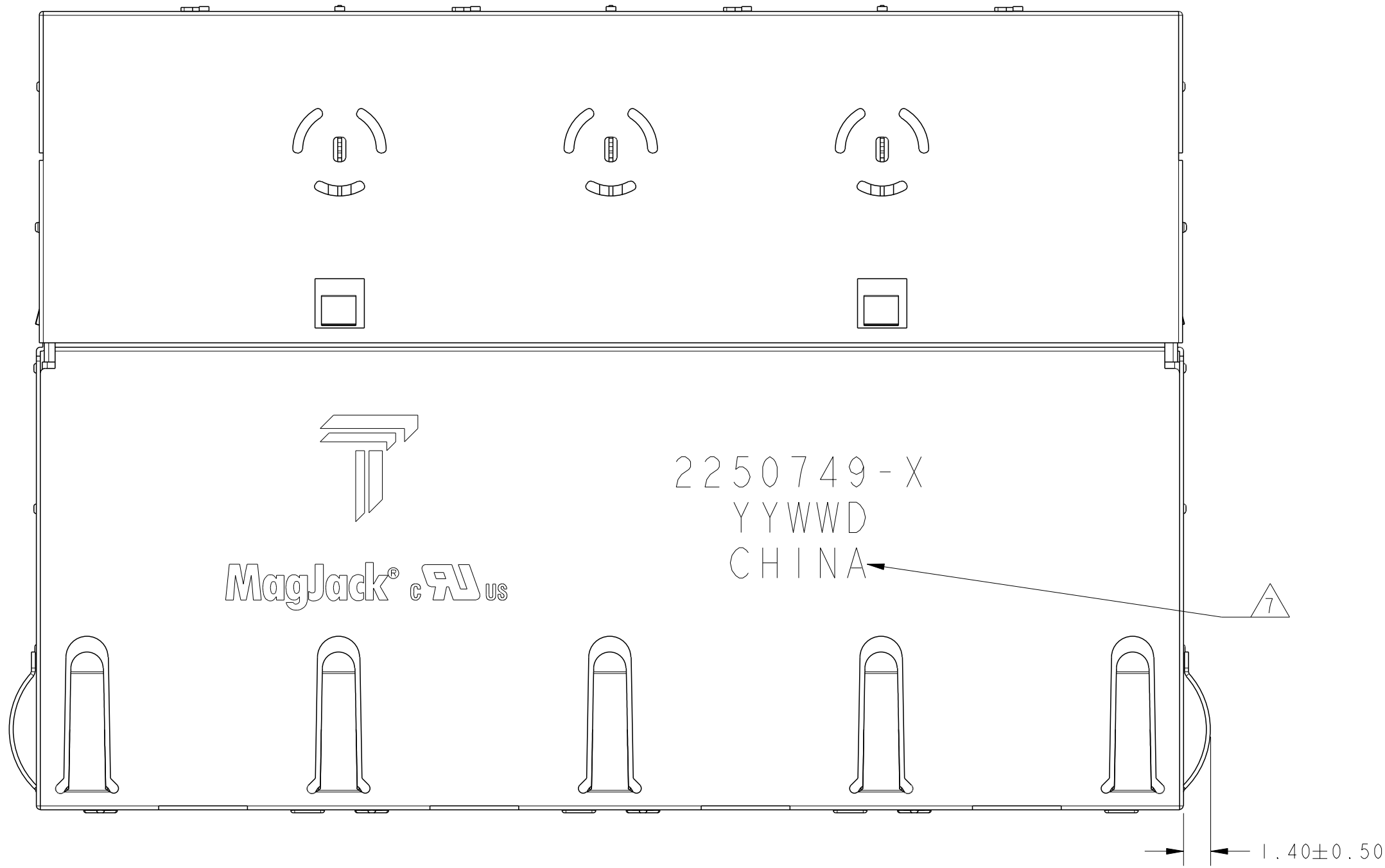
7. TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN, AGENCY APPROVAL MARKING IN APPROPRIATE LOCATION SHOWN.
DATE CODE: YYWWD WHERE "YY" IS YEAR, "WW" IS WORK WEEK, "D" IS DAY OF WEEK, WITH SUNDAY= 1

8. PART SHOULD BE RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK TEMPERATURE 260°C MAX, 10 SECONDS MAX.

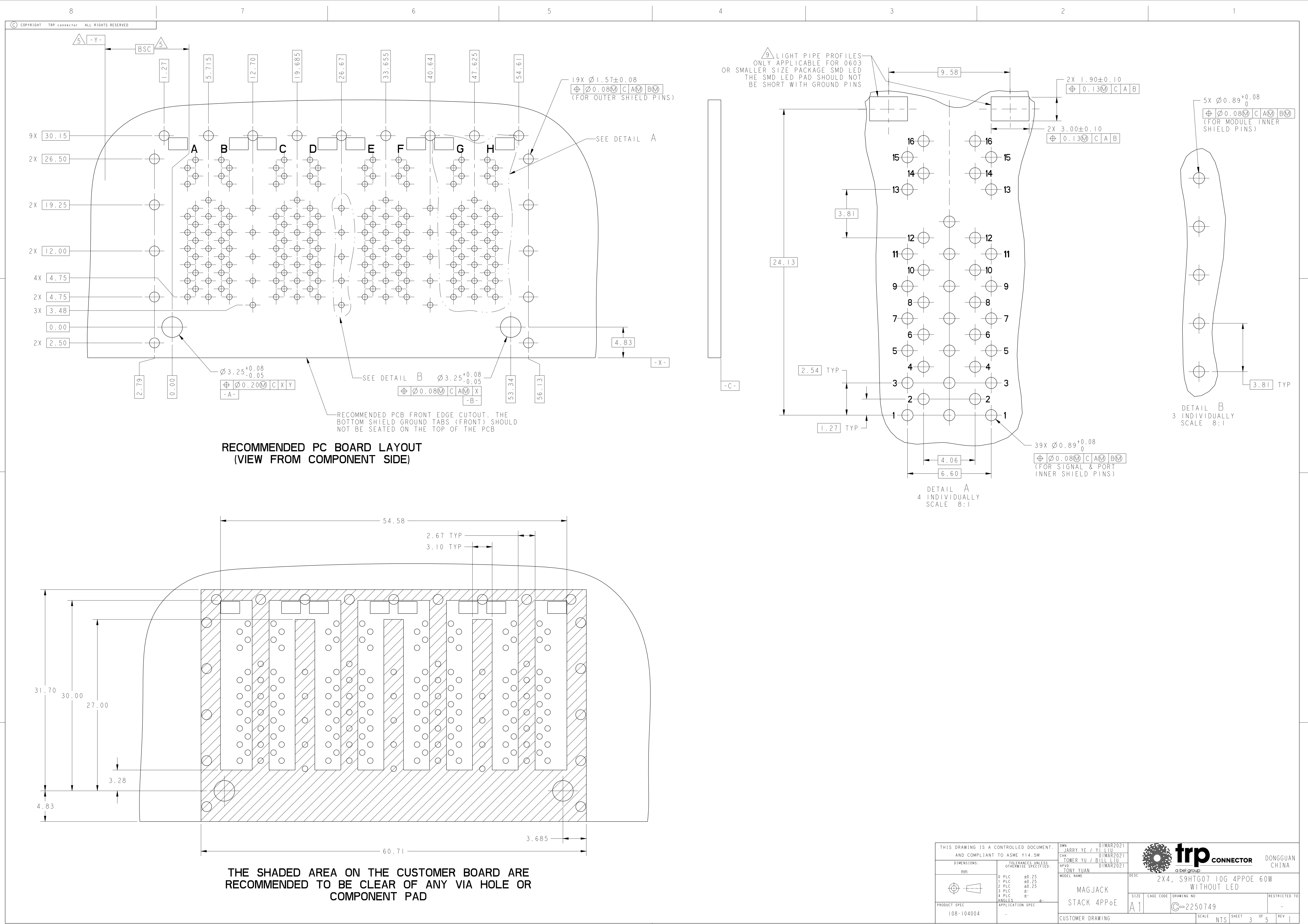
9. THE FINISHED GOODS IS WITHOUT SMD LED, THE SMD LED IS PROVIDED BY CUSTOMER HERSELF, AND THE SMD LED IS MOUNTED ON CUSTOMER PCB.

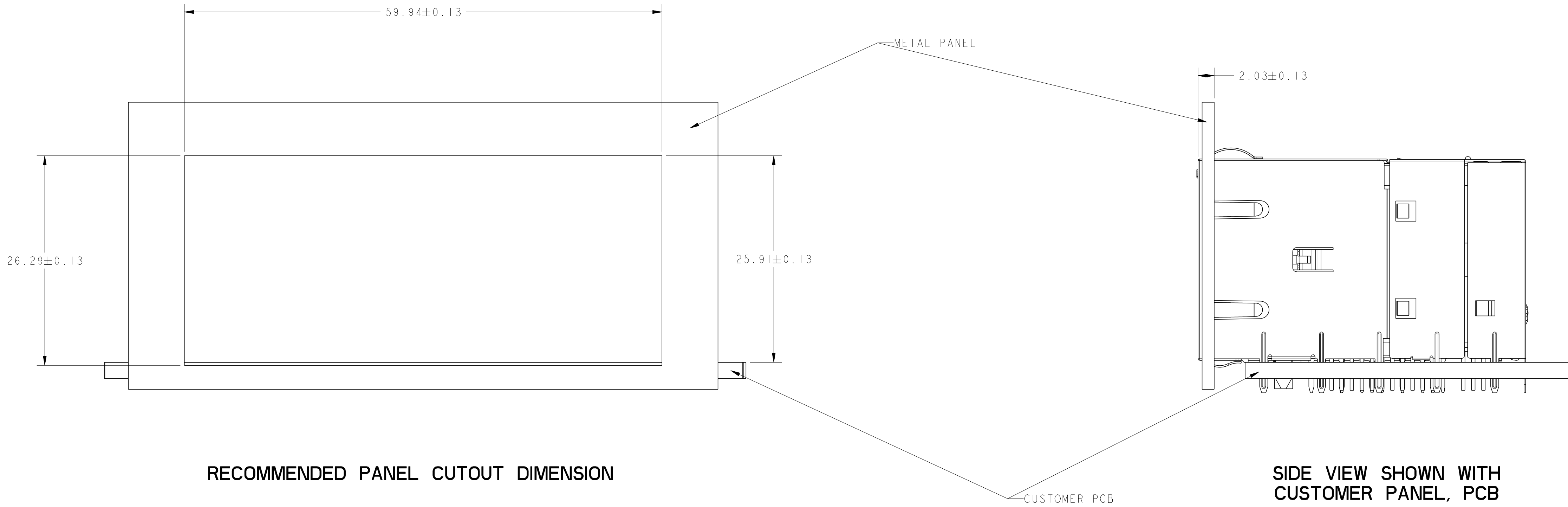
2250749-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M		DWN: JARRY YE / 01MAR2021 CHK: TOWER YU / 01MAR2021 APVD: TONY YUAN / 01MAR2021	 trp CONNECTOR DONGGUAN CHINA
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± APPLICATION SPEC	MODEL NAME MAGJACK STACK 4PPoE	DESC 2X4, S9HTG07 10G 4PPOE 60W WITHOUT LED
PRODUCT SPEC 108-104004		SIZE A1	RESTRICTED TO -
CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 5 REV 1



THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M		OWN: JARRY YE / YI LIU CHK: TOWER YU / BILL LIU APVD: TONY YUAN		01MAR2021 01MAR2021 01MAR2021	
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± APPLICATION SPEC	
PRODUCT SPEC	108-104004	MAGJACK STACK 4PPoE		DESC: 2X4, S9HTG07 10G 4PPoE 60W WITHOUT LED	
CUSTOMER DRAWING		SIZE: A1	CAGE CODE: C=2250749	DRAWING NO: 2	RESTRICTED TO: -
SCALE: NTS		SHEET: 2 OF 5		REV: 1	





THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M				DWN: JARRY YE / YI LIU 01MAR2021 CHK: TOWER YU / BILL LIU 01MAR2021 APVD: TONY YUAN 01MAR2021		trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MODEL NAME		DESC			
		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±		MAGJACK STACK 4PPOE		2X4, S9HTG07 10G 4PPOE 60W WITHOUT LED			
PRODUCT SPEC 108-104004		APPLICATION SPEC		SIZE A1		CAGE CODE C=2250749		DRAWING NO RESTRICTED TO	
				CUSTOMER DRAWING		SCALE NTS		SHEET 4 OF 5 REV 1	

2250749					STOCK DISPOSITION			
2X4, S9HTG07 10G 4PPOE 60W WITHOUT LED					A: CONTINUE AS IS		D: USE OLD FIRST	
REVISION HISTORY					B: REWORK		E: PARTS TO CONFORM	
					C: SCRAP		F: OTHER	
DATE	REV	CHANGES	REASON	APPROVAL	INVENTORY (A,B,C,D,E,F)	WORK IN PROCESS (A,B,C,F)	SUPPLIER ORDERS (A,E,F)	OPEN CUST ORDERS (A,E,F)
01MAR2021	I	-	INITIAL RELEASE	TY	-	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.
AND COMPLIANT TO ASME Y14.5M

DIMENSIONS:

mm

PRODUCT SPEC

108-104004

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±0.25

1 PLC ±0.25

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±

APPLICATION SPEC -

DWN: JARRY YE / YI LIU 01MAR2021

CHK: TOWER YU / BILL LIU 01MAR2021

APVD: TONY YUAN 01MAR2021

MODEL NAME

MAGJACK
STACK 4PPOE

CUSTOMER DRAWING

trp CONNECTOR
a bel group

DONGGUAN
CHINA

DESC

2X4, S9HTG07 10G 4PPOE 60W
WITHOUT LED

SIZE

A1

CAGE CODE

DRAWING NO

2250749

RESTRICTED TO

-

SCALE

NTS

SHEET

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OF

5

REV

1