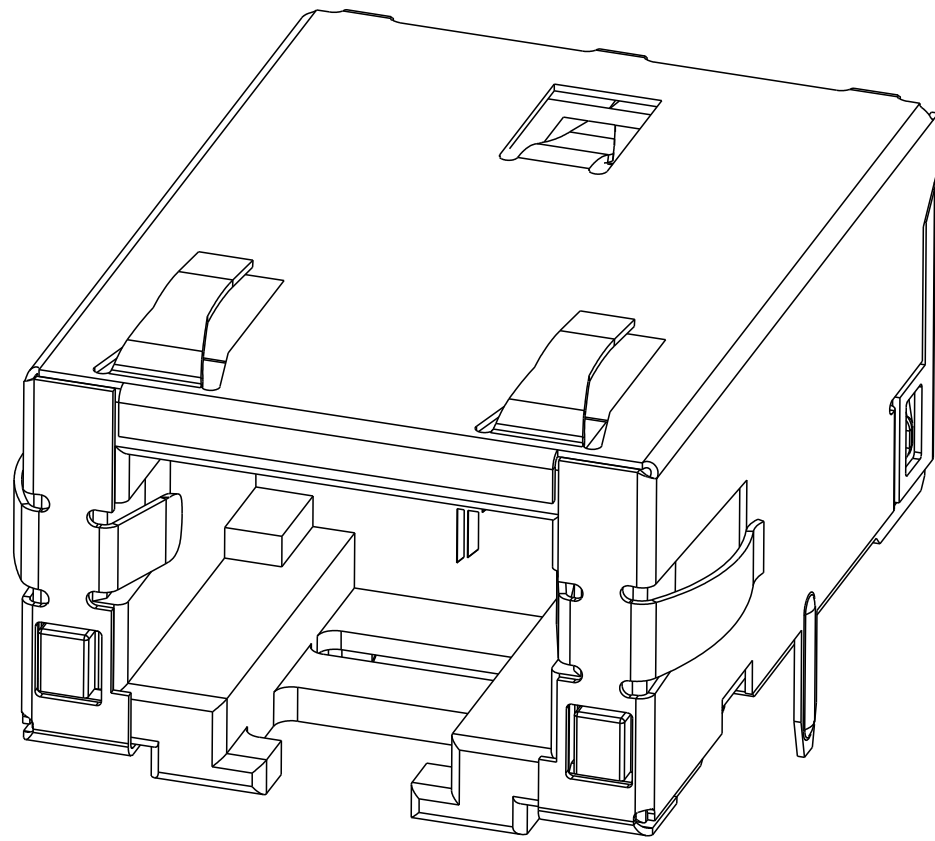
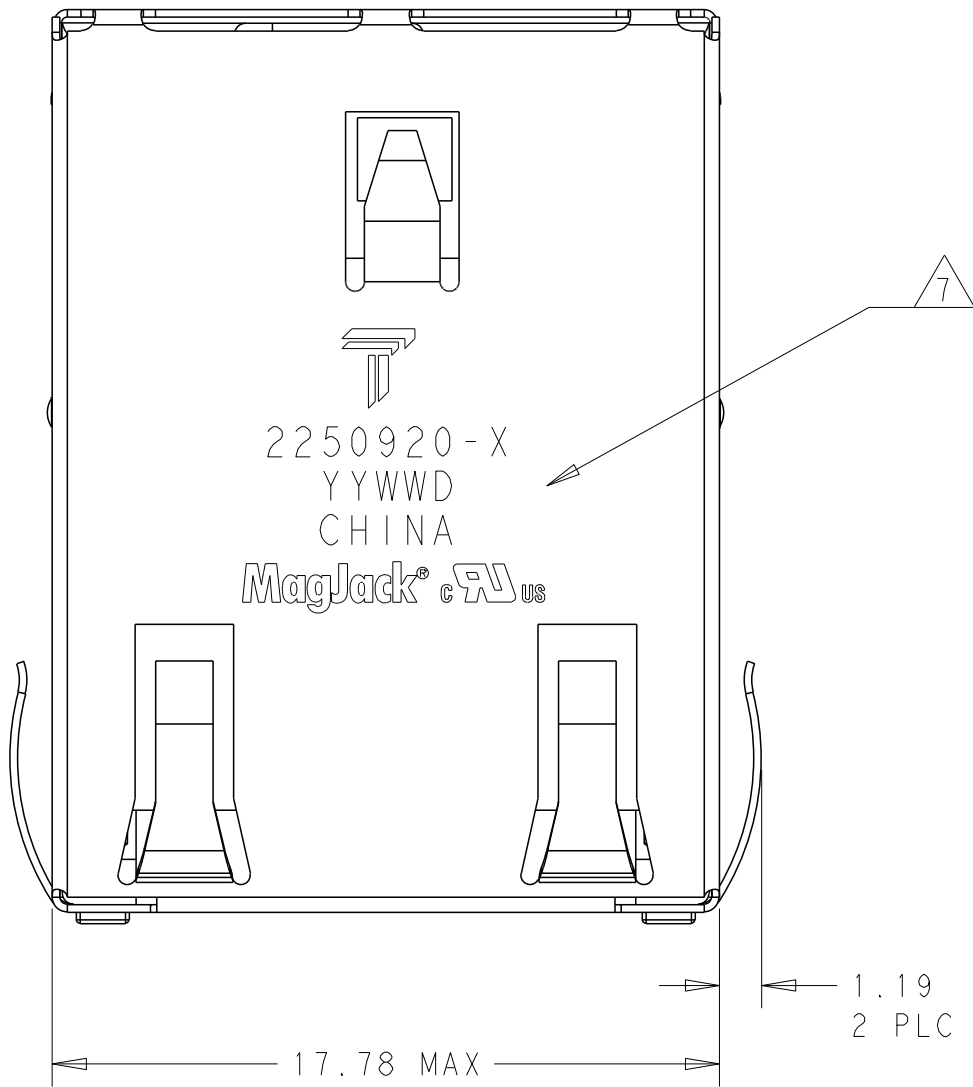


THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

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

REVISIONS				
#	LYR	DESCRIPTION	DATE	DWN APVD
1		INITIAL RELEASE	16JUL2024	JY TY



1. MATERIALS:
- HOUSING: HIGH TEMPERATURE NYLON, BLACK, UL 94V-0
 - SHIELD: 0.20mm THICK, BRASS PREPLATED WITH 0.76 μm MIN SEMI-BRIGHT NICKEL; POST-DIPPED WITH 2 μm MIN TIN
 - CONTACT TAILS: 0.25mm THICK, PHOSPHOR BRONZE, 1.27 μm MIN OVERALL NICKEL UNDERPLATE, WITH 1.27 MIN GOLD PLATING AT MATING INTERFACE, 3 μm MIN TIN PLATE ON SOLDER TAILS
 - MOD JACK CONTACTS: 0.3mm THICK, PHOSPHOR BRONZE, 1.27 μm MIN OVERALL NICKEL UNDERPLATE, WITH 1.27 μm MIN LOCALIZED GOLD PLATE AT PLUG INTERFACE
 - LIGHT PIPE: POLYETHER SULFONE

2. RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB-PART F.

3. MAGNETICS:
- APPLICATION: 1G/10G BASE-T
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
 - OPEN CIRCUIT INDUCTANCE (OCL): 160 μH MIN @ 100kHz, 0.1VRMS, FROM 0°C TO 70°C, ALL FOUR PAIRS
 - ALL FOUR PAIRS BI-DIRECTIONAL
 - PERFORMANCE @ 25°C: PLEASE REFER TO SEPARATE SHEET
 - ISOLATION VOLTAGE: 2250VDC FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC,

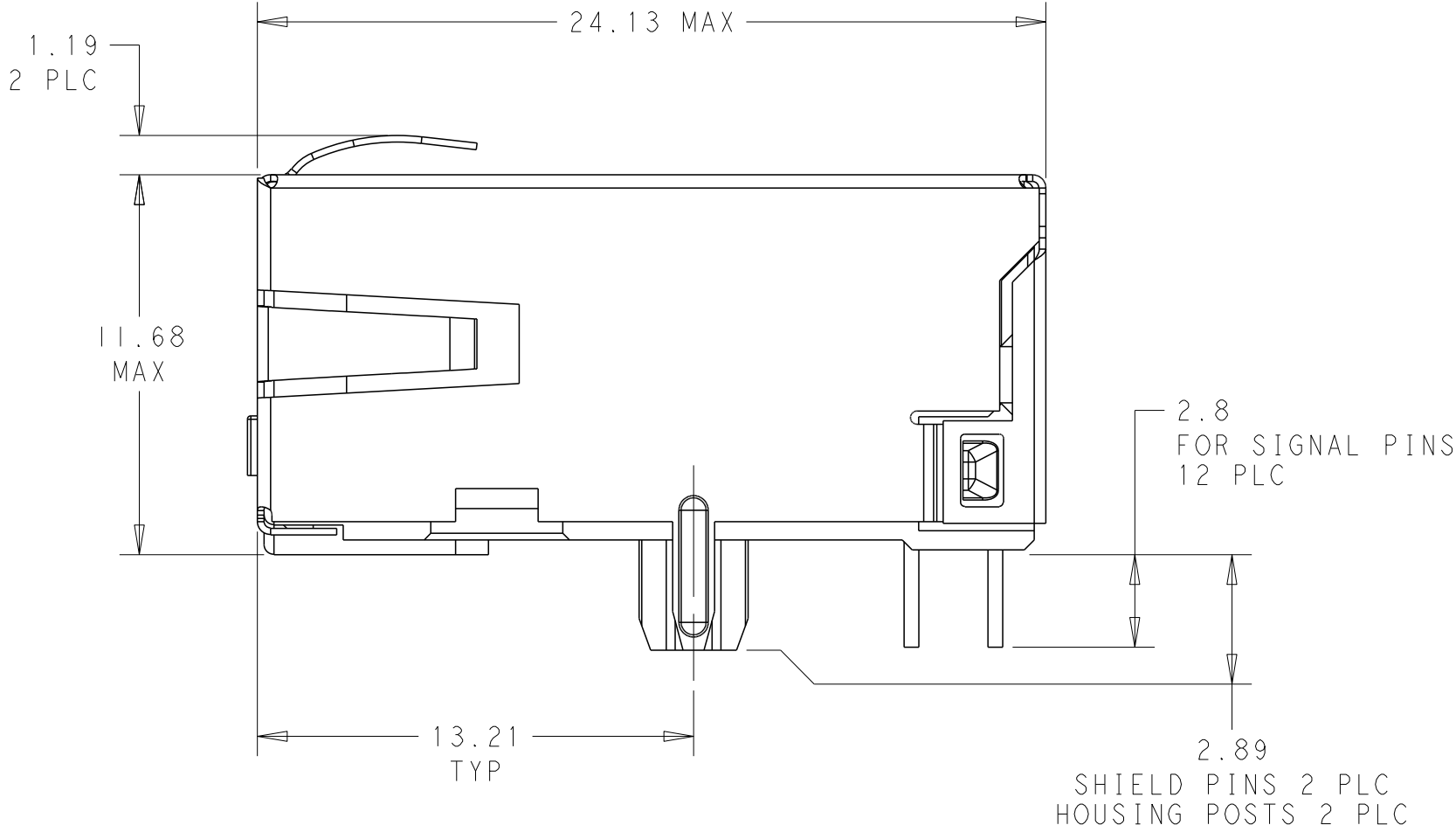
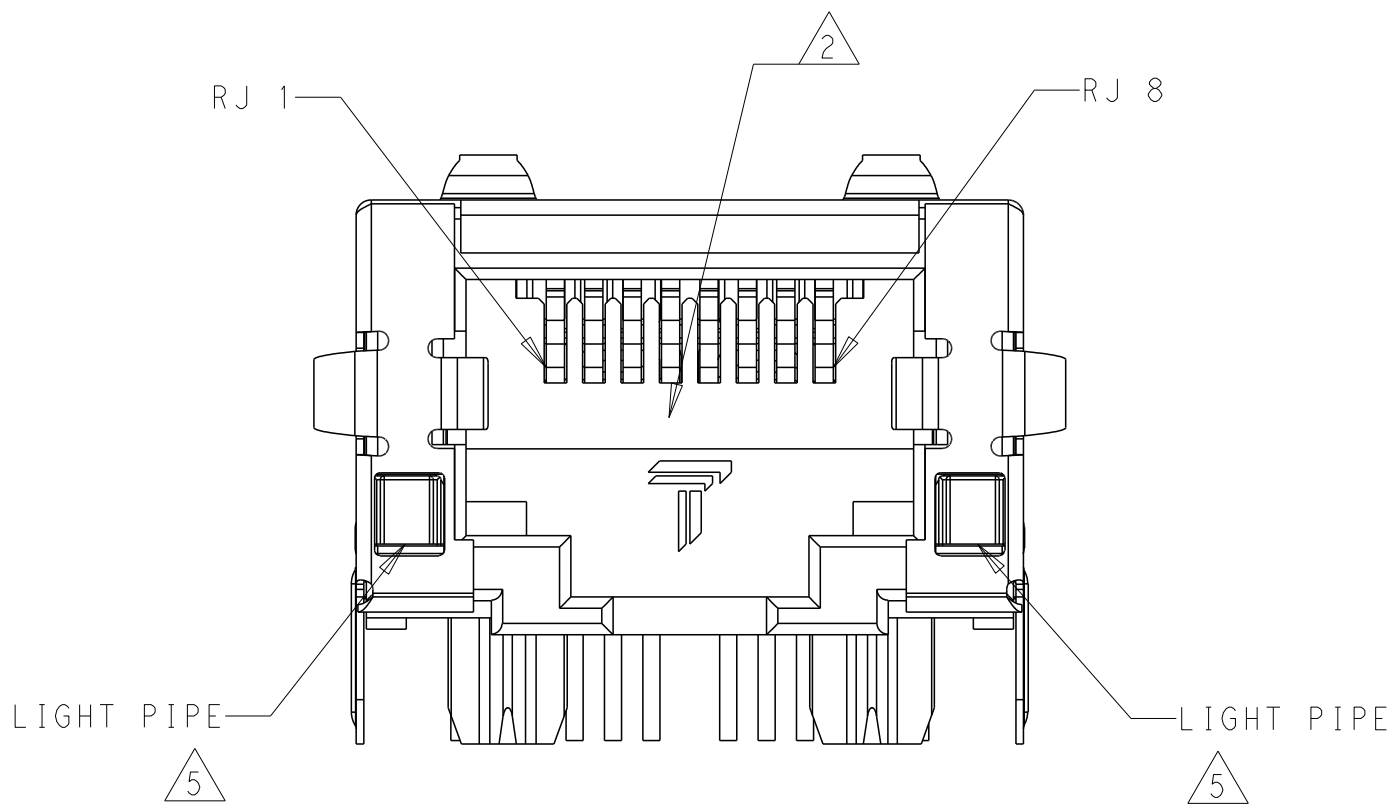
4. OPERATING TEMPERATURE: FROM 0°C TO 70°C

5. LIGHT PIPES ARE USED TO TRANSMIT LIGHT OF SMD LED'S MOUNTED ON CUSTOMER BOARD.

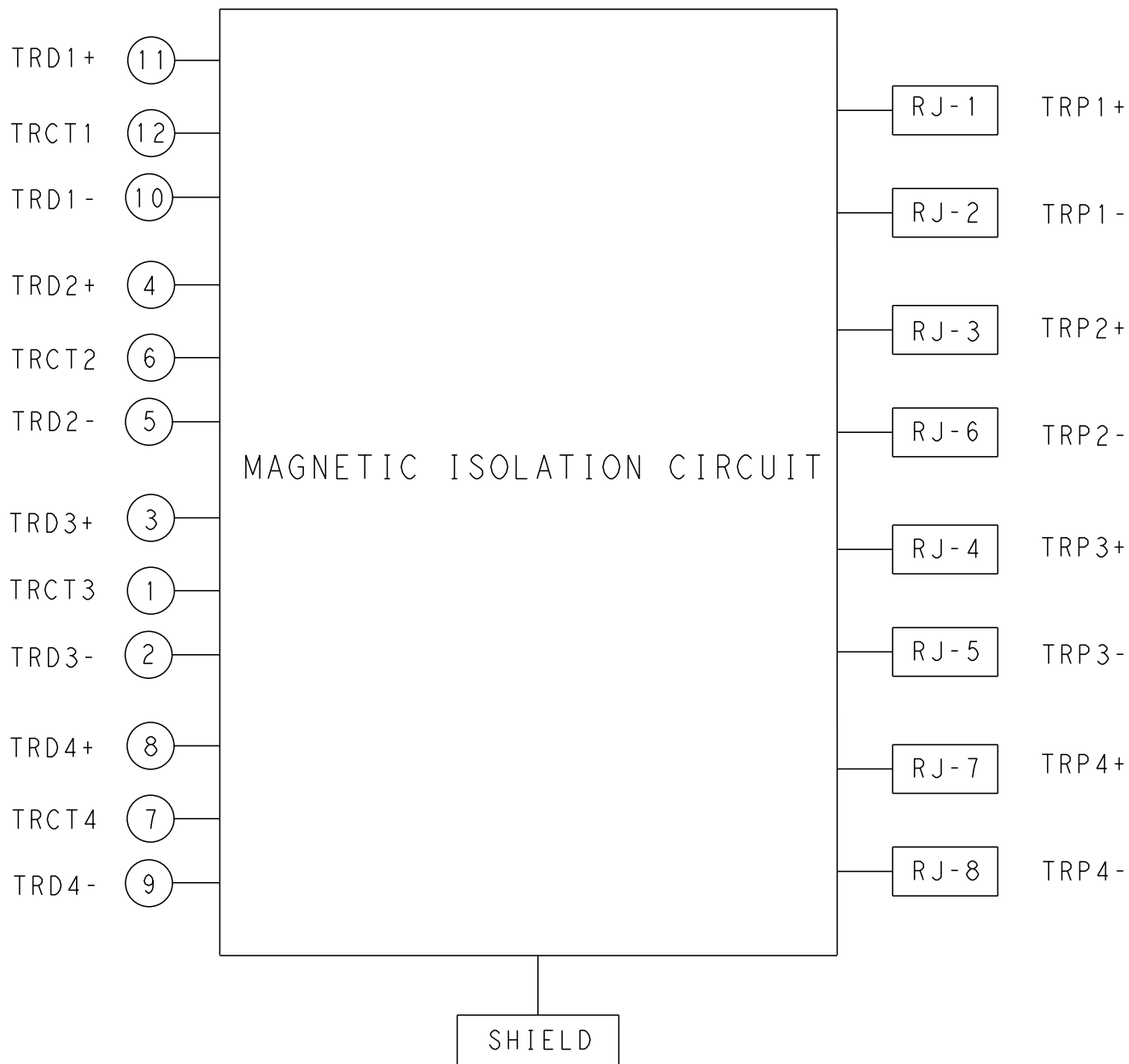
6. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.

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

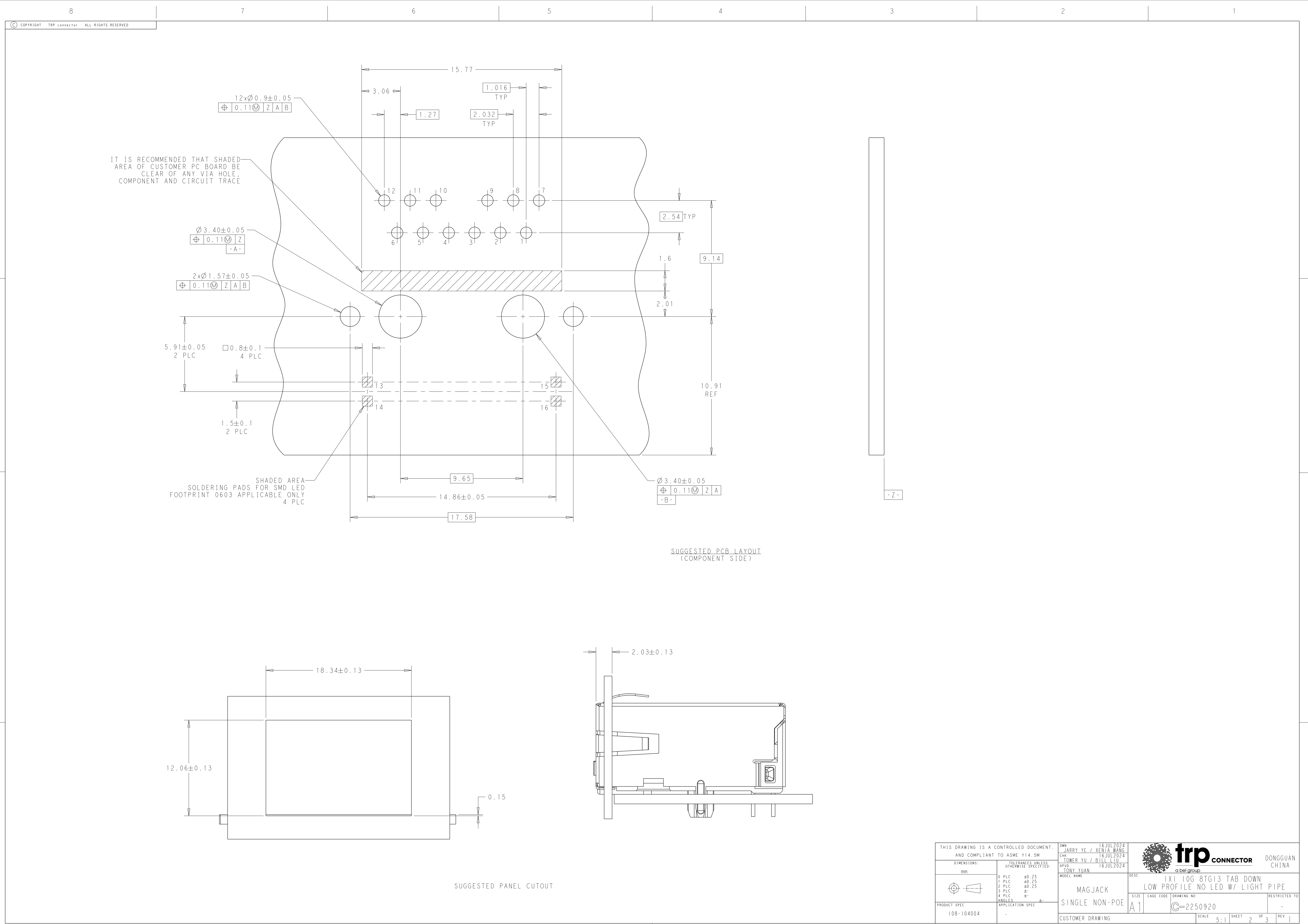
8. THESE PARTS COMPLIANT TO WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX



8TG13 10 GIGABIT CIRCUIT



THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M		DWN: JARRY YE / 16JUL2024 CHK: JENIA WANG / 16JUL2024 CWR: TOWER YU / BILL LIU / 16JUL2024 APVD: TONY YUAN / 16JUL2024	 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 SINGLE NON-POE	DESC 1X1 10G 8TG13 TAB DOWN LOW PROFILE NO LED W/ LIGHT PIPE
PRODUCT SPEC 108-104004	-	SIZE A 1	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 3 REV 1



THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M		OWN: JARRY YE / 16 JUL 2024 CHK: TOWER YU / 16 JUL 2024 APVD: TONY YUAN / 16 JUL 2024	 a bel group 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 SINGLE NON-POE	
PRODUCT SPEC 108-104004	-	SIZE A1	DESC 1X1 106 8TG13 TAB DOWN LOW PROFILE NO LED W/ LIGHT PIPE CAGE CODE C=2250920 RESTRICTED TO -
CUSTOMER DRAWING		SCALE 5:1	SHEET 2 OF 3 REV 1

C_2250920					STOCK DISPOSITION			
					A: CONTINUE AS IS		D: USE OLD FIRST	
					B: REWORK		E: PARTS TO CONFORM	
REVISION HISTORY					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)
16JUL2024	1	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 / 16 JUL 2024
CHK: TOWER YU / 16 JUL 2024
APVD: TONY YUAN 16 JUL 2024

MODEL NAME
MAGJACK
SINGLE NON-POE

CUSTOMER DRAWING

DESC
1X1 106 8TG13 TAB DOWN
LOW PROFILE NO LED W/ LIGHT PIPE

SIZE
A 1

CAGE CODE
C=2250920

DRAWING NO
-

RESTRICTED TO
-

SCALE
5:1

SHEET
3

OF
3

REV
1

trp CONNECTOR

DONGGUAN
CHINA

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