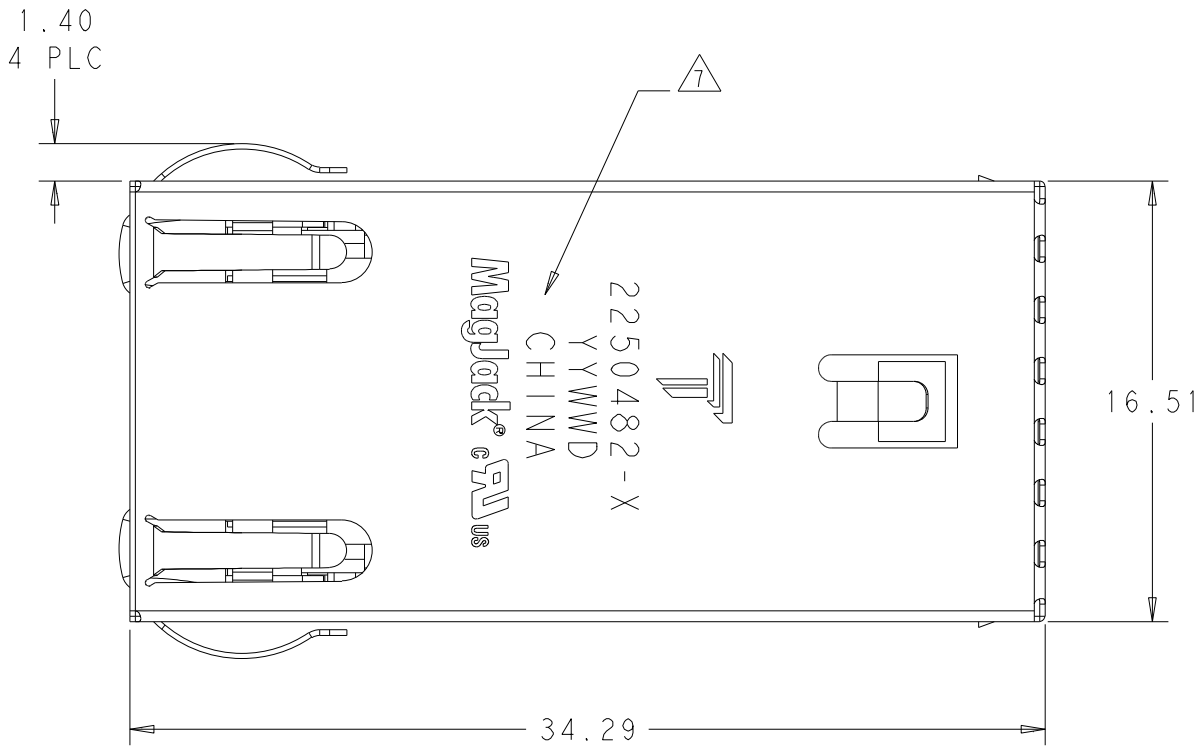
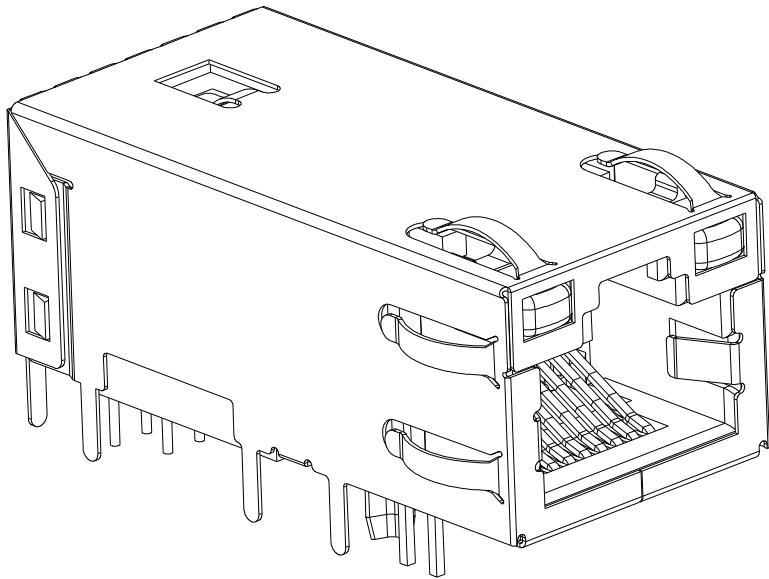


THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

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				
P	LTR	DESCRIPTION	DATE	DWN
1		INITIAL RELEASE	22DEC2016	DP



1. MATERIALS:
- HOUSING: THERMOPLASTIC, FLAMMABILITY, RATING UL 94V-0.
 - SHIELD: 0.20mm THICK, COPPER BASE ALLOY PREPLATED WITH 0.76um MIN BRIGHT NICKEL; ALL GROUND LEADS ARE SOLDER DIPPED.
 - MOD JACK CONTACTS: 0.3mm THICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL UNDERPLATE, WITH 1.27um MIN LOCALIZED GOLD PLATE AT CONTACT INTERFACE.
 - LIGHT EMITTING DIODE (LED): DIFFUSED EPOXY LENS, 0.5mm X 0.5mm CARBON STEEL WIREFRAME LEADS PREPLATED WITH 2.03um MIN. SILVER PLATE OVER 1.02um MIN. NICKEL OVER 1.02um MIN. COPPER UNDERPLATE; LEADS POST-PLATED WITH 2.54um MIN. MATTE TIN, AND TIP TIN DIPPING.

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

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

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

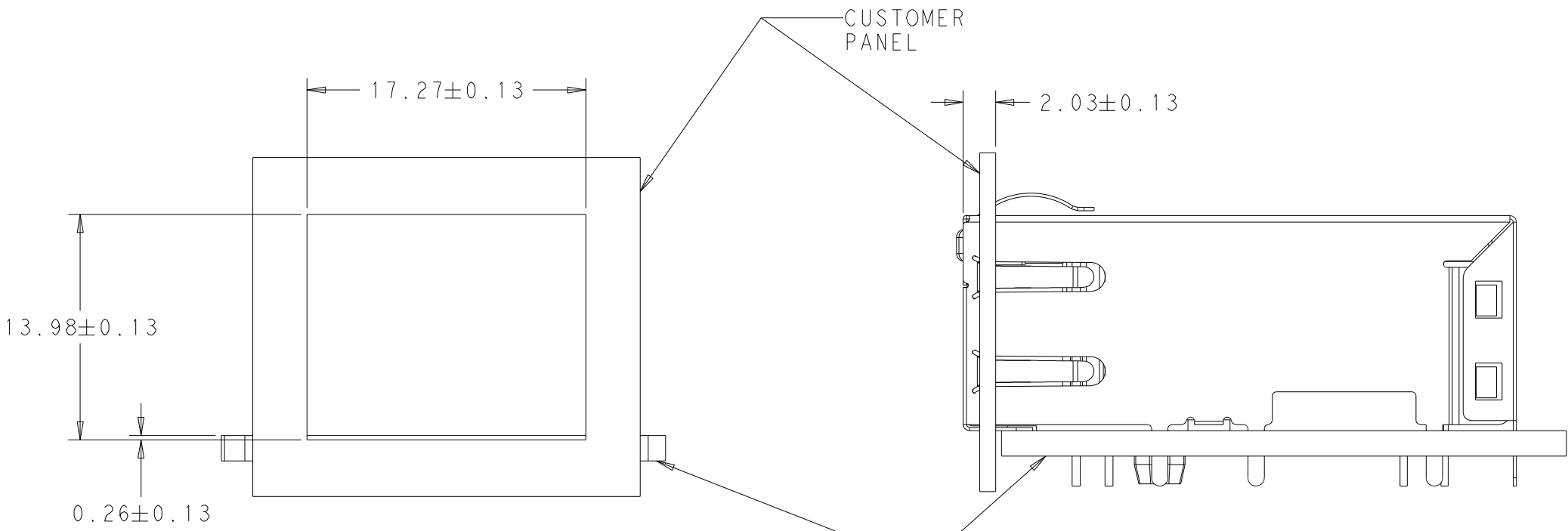
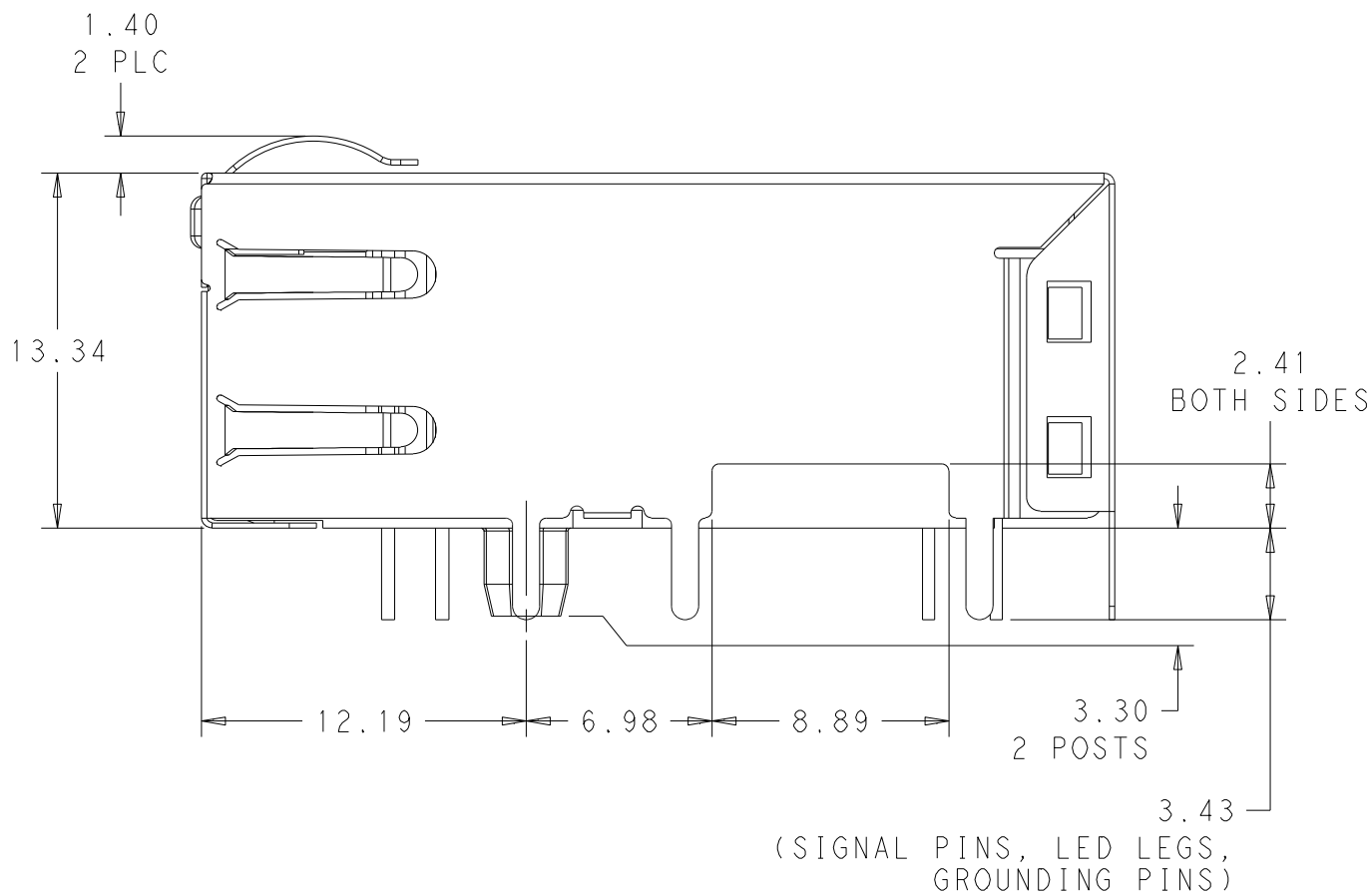
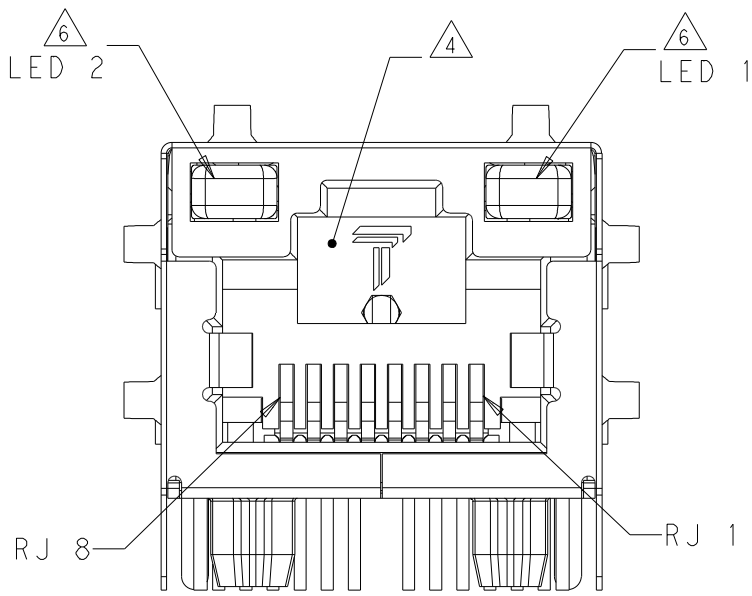
5. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.

6. LED IS DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.
- LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ IF=20mA
FORWARD VOLTAGE (VF): GREEN 2.2V TYP. @ IF=20mA
DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. @ IF=20mA
FORWARD VOLTAGE (VF): YELLOW 2.1V TYP. @ IF=20mA

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. DATUM Y AND BASIC DIMENSION ESTABLISH BY CUSTOMER.

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

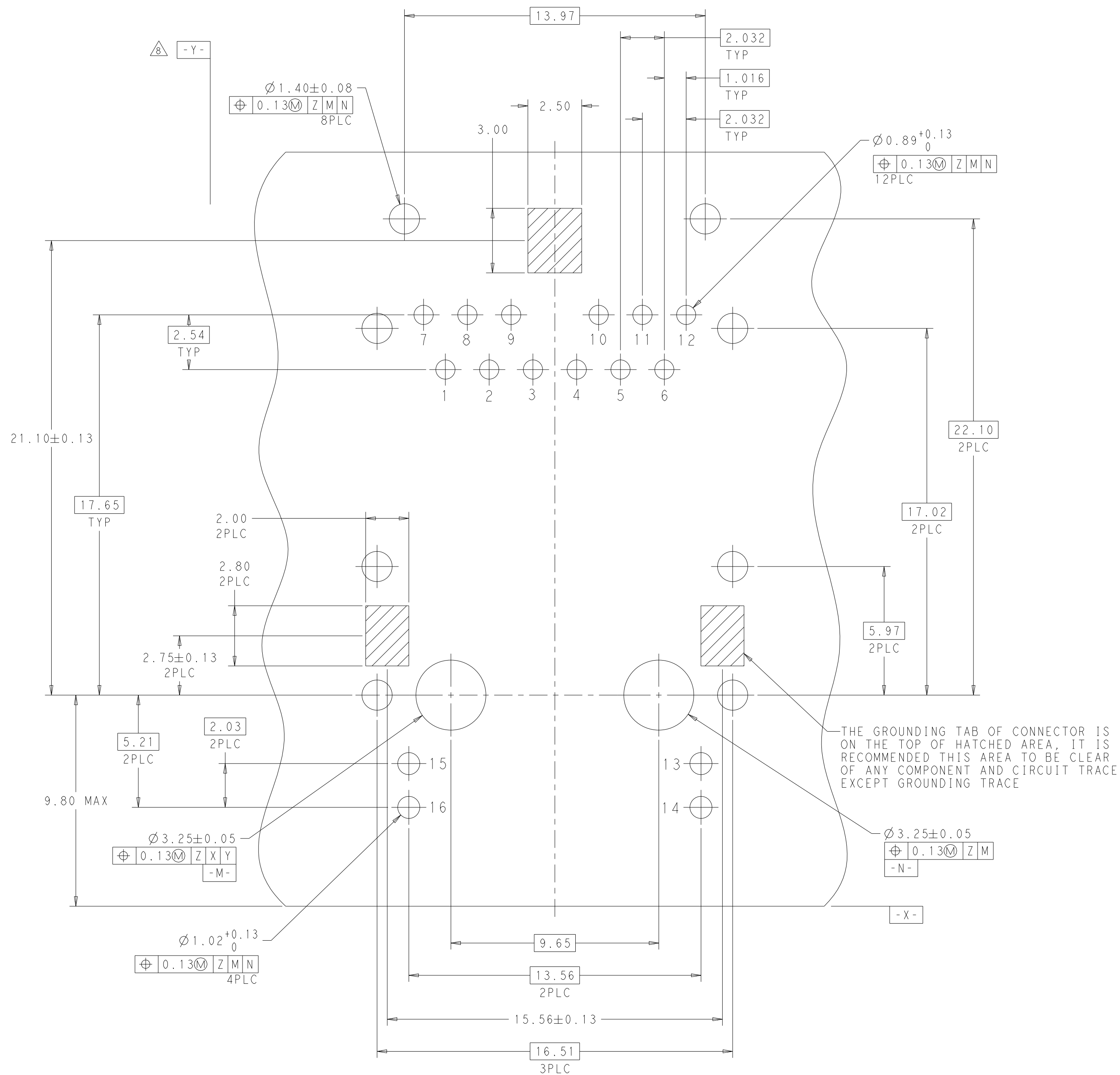


SUGGESTED PANEL CUTOUT

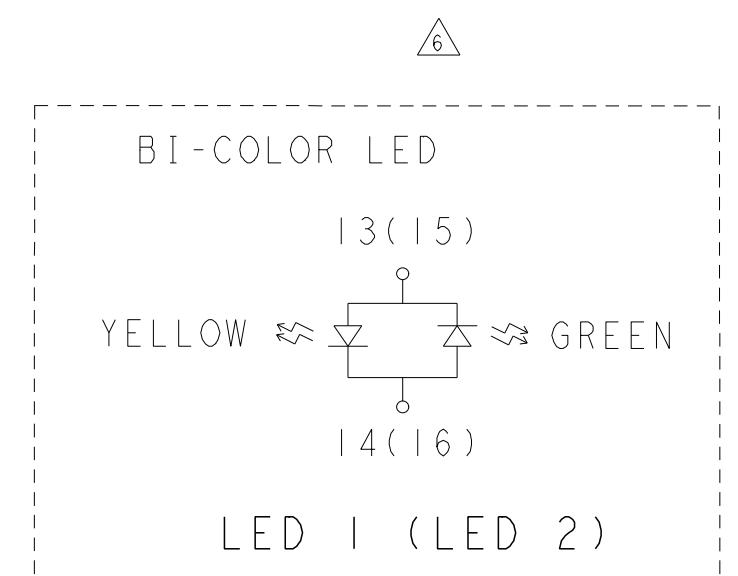
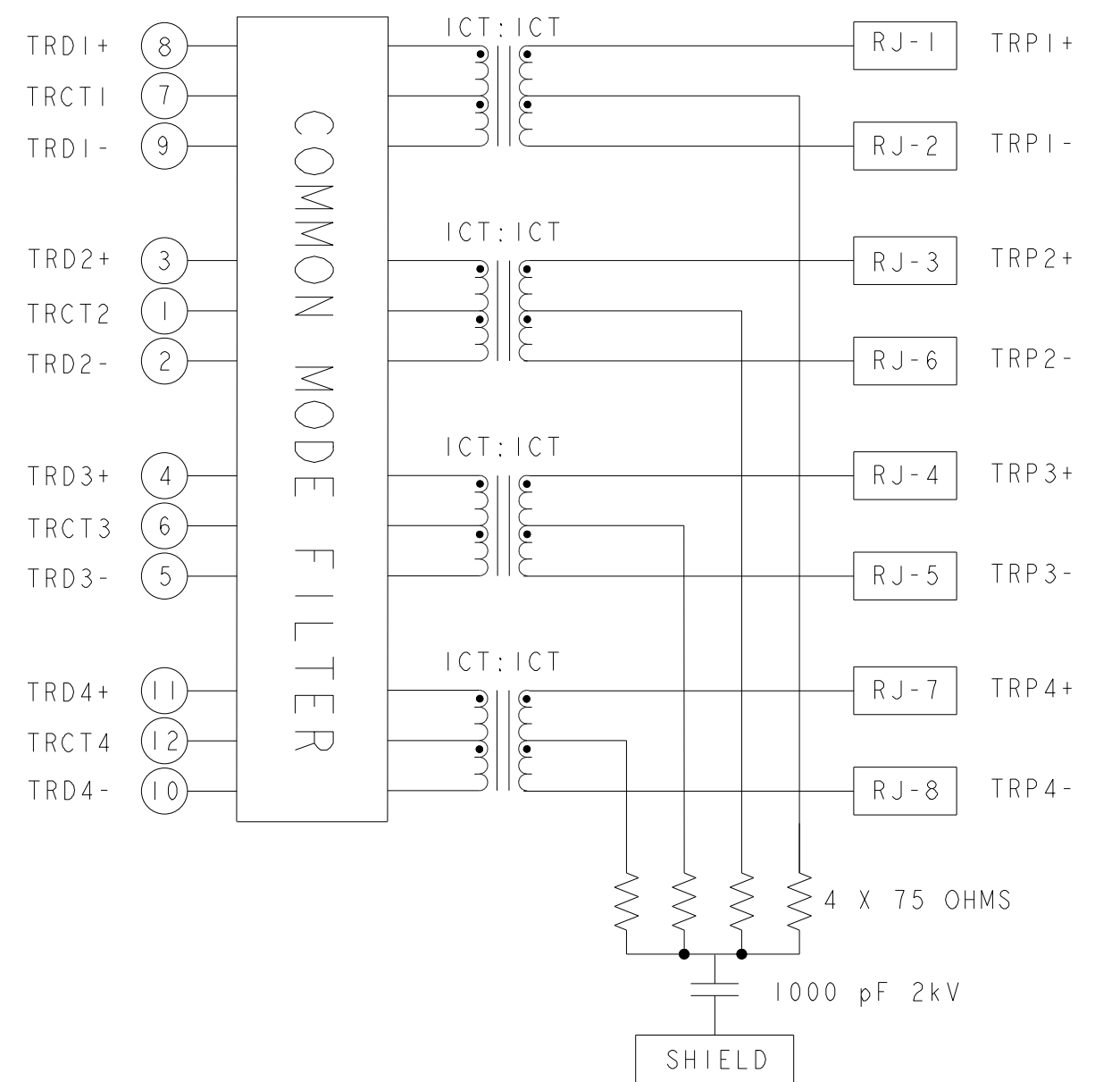
SIDE VIEW, SHOWN WITH CUSTOMER PCB AND PANEL

GREEN/YELLOW	GREEN/YELLOW	2250482-1
LED 2	LED 1	PART NUMBER
 trp CONNECTOR DONGGUAN CHINA		
IX1 7TGXXXX 10G TAB UP, W/ LEDS		
SIZE	CAGE CODE	DRAWING NO
A1	©=2250482	-
CUSTOMER DRAWING		
SCALE	5:1	SHEET 1 OF 3

THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±
PRODUCT SPEC	APPLICATION SPEC



RECOMMENDED PCB FOOTPRINT
SHOWN FROM CONNECTOR SIDE



THIS DRAWING IS A CONTROLLED DOCUMENT. AND COMPLIANT TO ASME Y14.5M		DWN 220C2016 DAE PAN/ FRANK LIU CHK 220C2016 TOWER YU/ BILL LIU APVD 220C2016 TONY YUAN		 trp CONNECTOR 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 ± 0.25 4 PLC $\pm$ ANGLES		MODEL NAME MAGJACK SINGLE NON-POE		DESC 1X1 7TGXXXX 10G TAB UP, W/ LEDS	
PRODUCT SPEC 		APPLICATION SPEC		SIZE A1		CAGE CODE C=2250482	
				DRAWING NO SCALE 5:1		RESTRICTED TO -	
				SHEET 2 OF 3		REV 1	
CUSTOMER DRAWING							

2250482					STOCK DISPOSITION			
-					A:CONTINUE AS IS D:USE OLD FIRST B:REWORK E:PARTS TO CONFORM C:SCRAP F:OTHER			
REVISION HISTORY								
DATE	REV	CHANGE	REASON	APPROVAL	INVENTORY (A,B,C,D,E,F)	WORK IN PROCESS (A,B,C,D)	SUPPLIER ORDERS (A,E,F)	OPEN CUST ORDERS (A,E,F)
22DEC2016	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-