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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	APVD
	2	EC-1411035 COMPANY LOGO CHANGE	05JAN2015	DP	TY

1. MATERIALS
- HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL 94V-0.
 - SHIELD: BRASS 0.20mm THICK, PREPLATED WITH 0.76um MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 2.54um MIN SAC SOLDER.
 - CONTACTS: PHOSPHOR BRONZE 0.46mm X 0.30mm, PHOSPHOR BRONZE, 1.27um MIN NICKEL UNDERPLATE, WITH 1.27um MIN GOLD PLATING AT MATING INTERFACE AND 2.54um MIN MATTE TIN ON SOLDER TAILS, OR 1.27um MIN NICKEL UNDERPLATE, WITH 0.05um GOLD PLATING OVER 0.76um MIN PALLADIUM NICKEL PLATING AT MATING INTERFACE AND 2.54um MIN MATTE TIN ON SOLDER TAILS.
 - SOLDER TAILS: 0.25mmTHICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL UNDERPLATE, 3um TIN PLATE

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

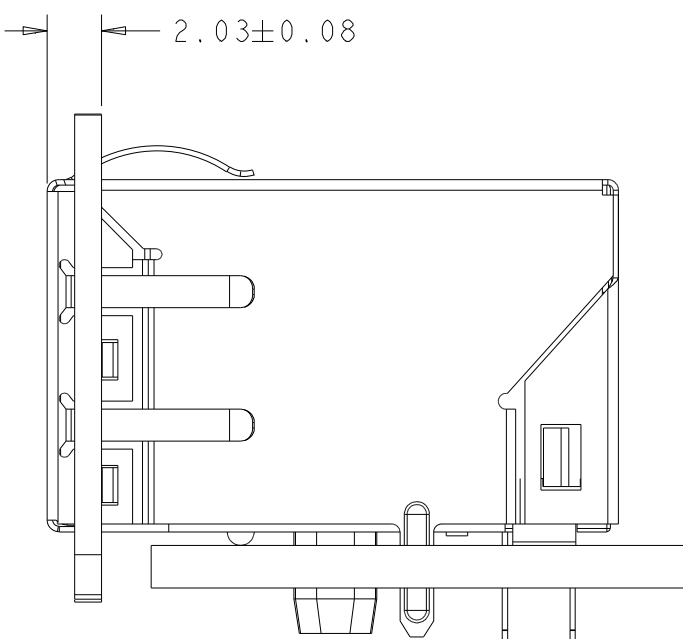
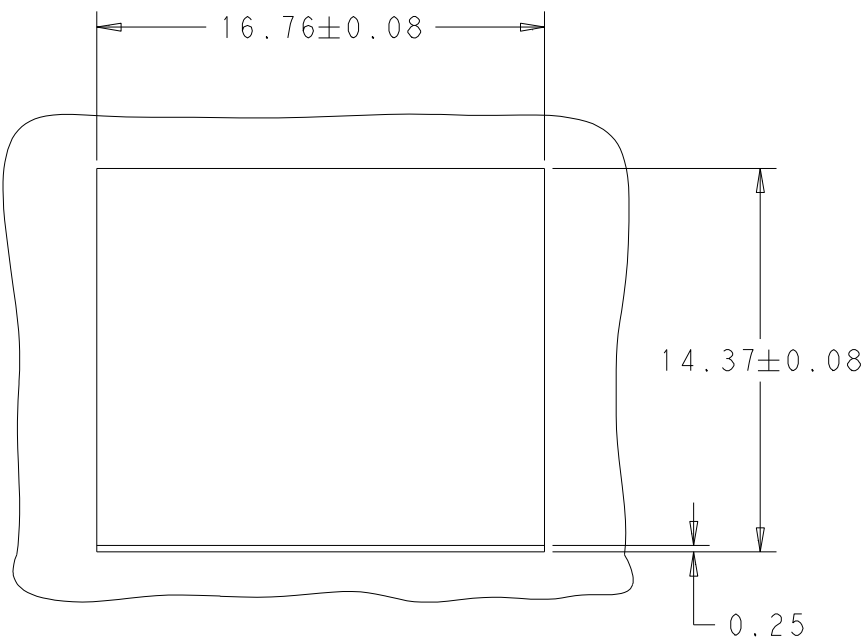
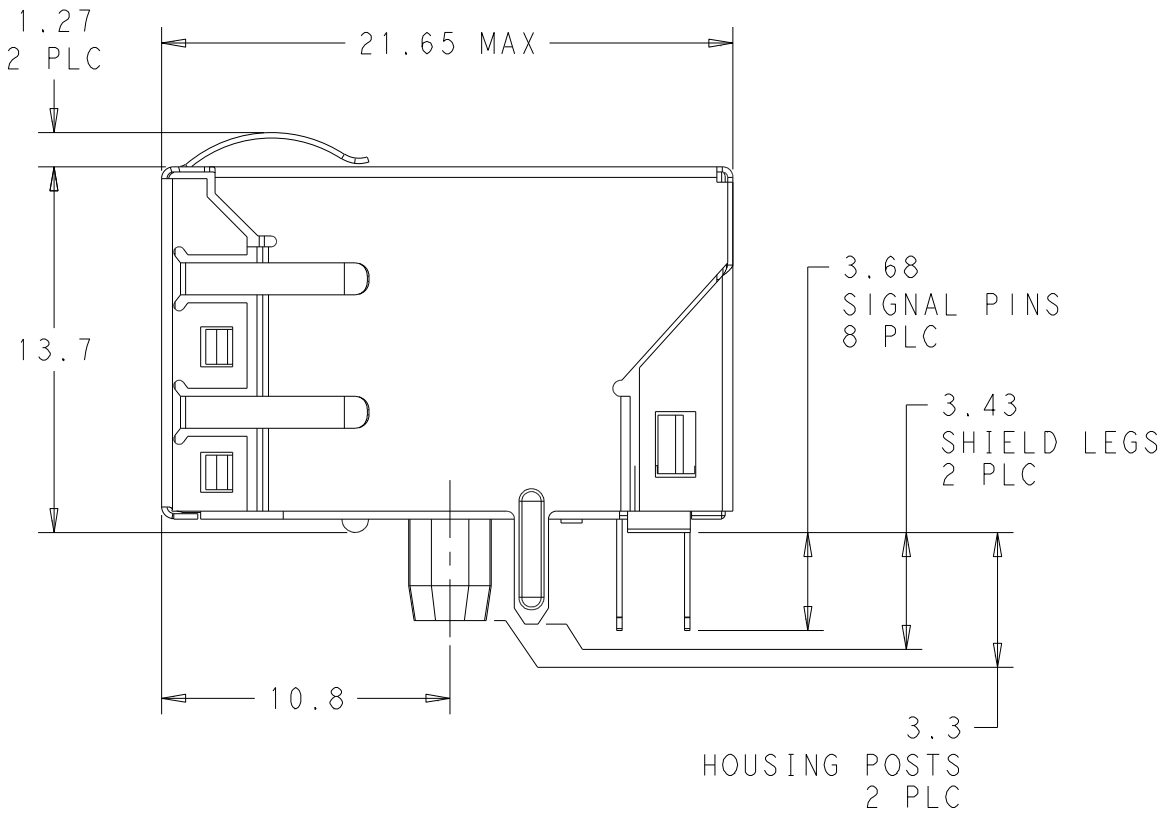
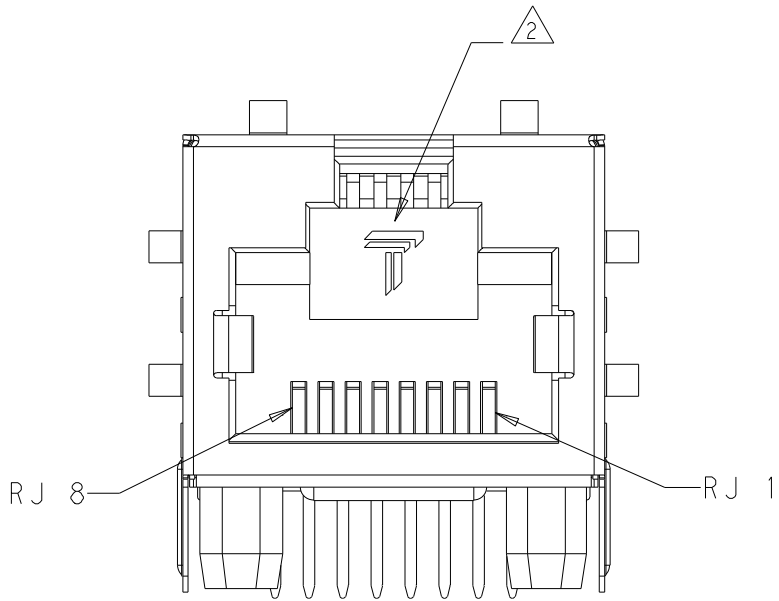
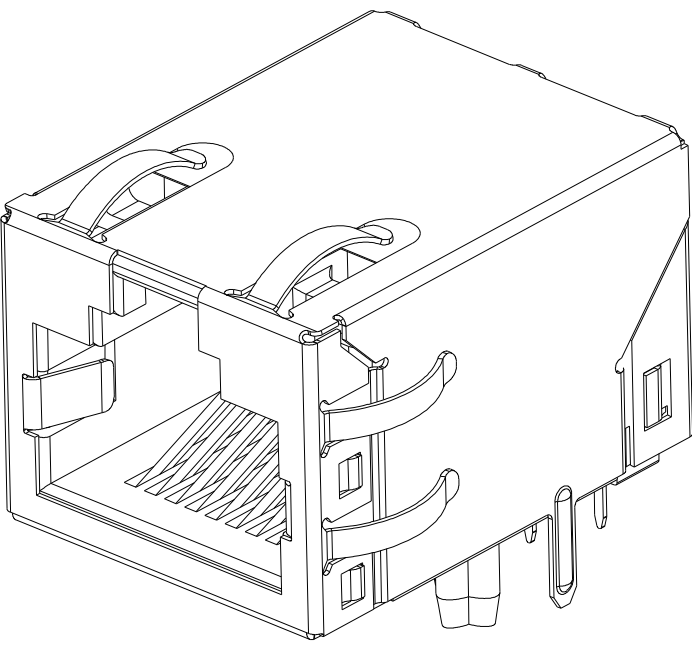
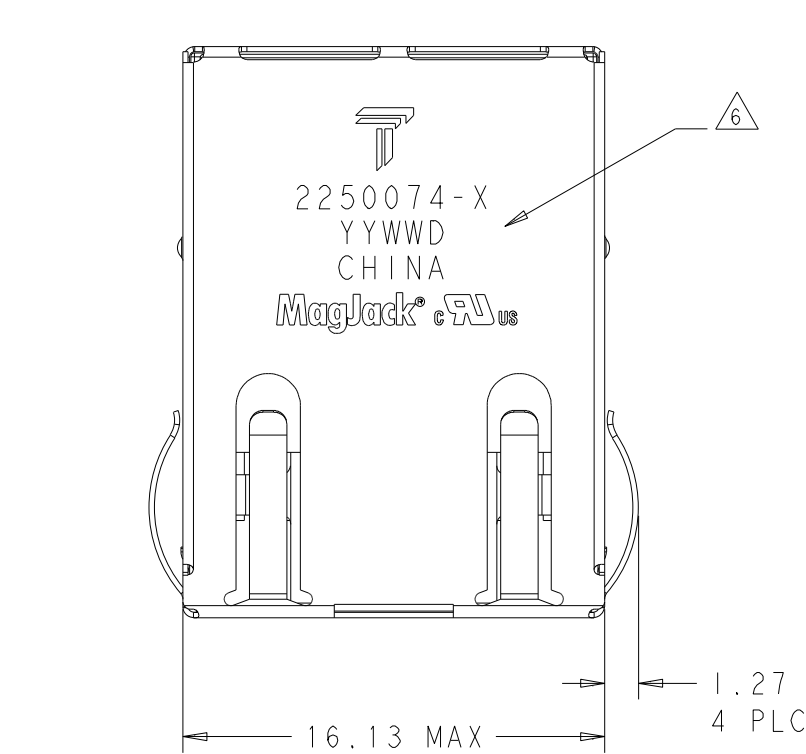
- 3 MAGNETICS
- APPLICATION: 10 BASE-T
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP:CABLE): TX=1:2.5 RX=1:1
 - TRANSMIT OPEN CIRCUIT INDUCTANCE (OCL): 140uH MIN @100kHz, 0.1VRMS,
 - LEAKAGE INDUCTANCE(LL): 0.30mH MAX @ 100kHz, 0.1VRMS
 - INTERWINDING CAPACITANCE(CWW): 15pF MAX @ 100kHz, 0.1VRMS
 - ISOLATION VOLTAGE: 2250VDC FOR 60 SECONDS WITH A RISE TIME OF 500 V/SEC

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


5 INDICATED MAGNETIC CONNECTIONS ARE SYMMETRICAL TO SUPPORT AUTO-MDI/MDIX.

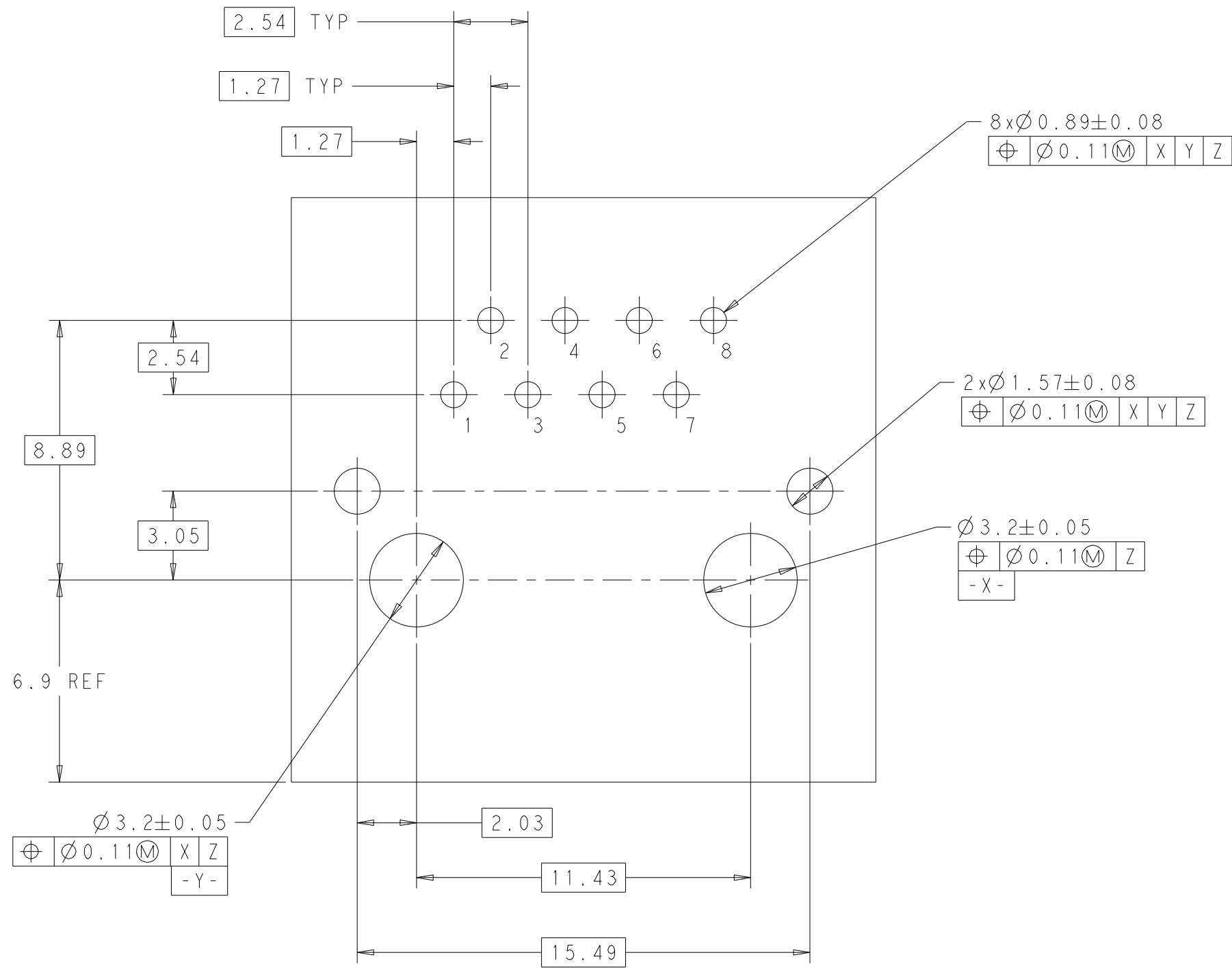
6 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN. DATE CODE: YYWW WHERE YY IS YEAR, WW IS WORK WEEK, D IS DAY OF WEEK, WITH SUNDAY=1.

7. PART SHOULD BE RECOMMENDED FOR WAVE SOLDERING PROCESS,PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX,10 SECONDS MAX.



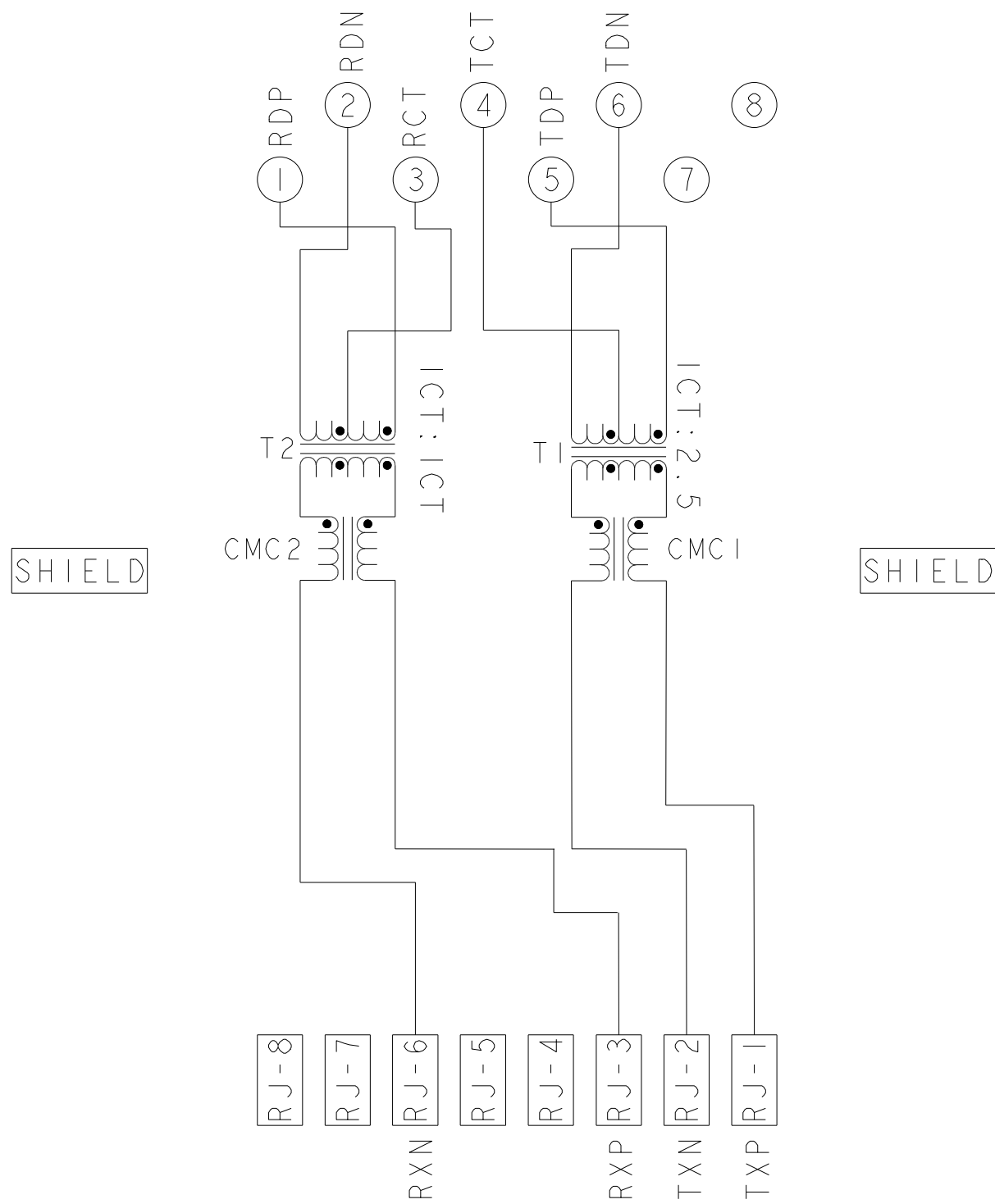
SUGGESTED PANEL CUTOUT



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU 30DEC2013	 trp CONNECTOR a bel group		DONGGUAN CHINA		
DIMENSIONS: mm		CHK TOWER YU/ FRANK LIU 30DEC2013					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD TONY YUAN 30DEC2013					
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ± APPLICATION SPEC		MODEL NAME MAGJACK					
PRODUCT SPEC		SINGLE NON-POE	DESC IXI 724 GIGABIT TAB UP W/O LED	SIZE A1	CAGE CODE	DRAWING NO C=2250074	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1		SHEET 1	OF 3	REV 2	



SUGGESTED PCB LAYOUT

724 10/100 CIRCUIT



THIS DRAWING IS A CONTROLLED DOCUMENT.			OWN ROY LIU 30DEC2013		 trp a bel group		DONGGUAN CHINA	
DIMENSIONS:		CHK TOWER YU/ FRANK LIU 30DEC2013						
mm		APVD TONY YUAN 30DEC2013						
		MODEL NAME MAGJACK						
PRODUCT SPEC	0 PLC	±0.25	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DESC IXI 724 GIGABIT TAB UP W/O LED		RESTRICTED TO		
	1 PLC	±0.25		SIZE A1				
	2 PLC	±0.25		CAGE CODE C=2250074				
ANGLES		±°		DRAWING NO		SHEET 2 OF 3		REV 2
APPLICATION SPEC		CUSTOMER DRAWING		SCALE 4:1				

D

D

C

B

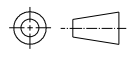
A

A

C_2250074					STOCK DISPOSITION			
					A: CONTINUE AS IS B: REWORK C: SCRAP		D: USE OLD FIRST E: PARTS TO CONFORM F: OTHER	
REVISION HISTORY					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)
DATE	REV	CHANGES	REASON	APPROVAL				
30DEC2013	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-
05JAN2015	2	EC-1411035 COMPANY LOGO CHANGE	MARKET REQUEST	TONY YUAN	-	-	-	-

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DIMENSIONS:
mm




0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.25
3 PLC ±0.25
4 PLC ±0.25
ANGLES ±°
APPLICATION SPEC -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
±°

APPLICATION SPEC -

OWN ROY LIU 30DEC2013
CHK TOWER YU/ FRANK LIU 30DEC2013
APVD TONY YUAN 30DEC2013

MODEL NAME
MAGJACK
SINGLE NON-POE
CUSTOMER DRAWING

 **trp** CONNECTOR
a bel group

DONGGUAN CHINA

DESC IXI 724 GIGABIT TAB UP W/O LED

SIZE A1
CAGE CODE
DRAWING NO. 2250074
RESTRICTED TO -

SCALE 4:1
SHEET 3 OF 3
REV 2

Additional Resources: [Product Page](#) [3D Model](#) [PCB Footprint](#) [Technical Documentation](#)