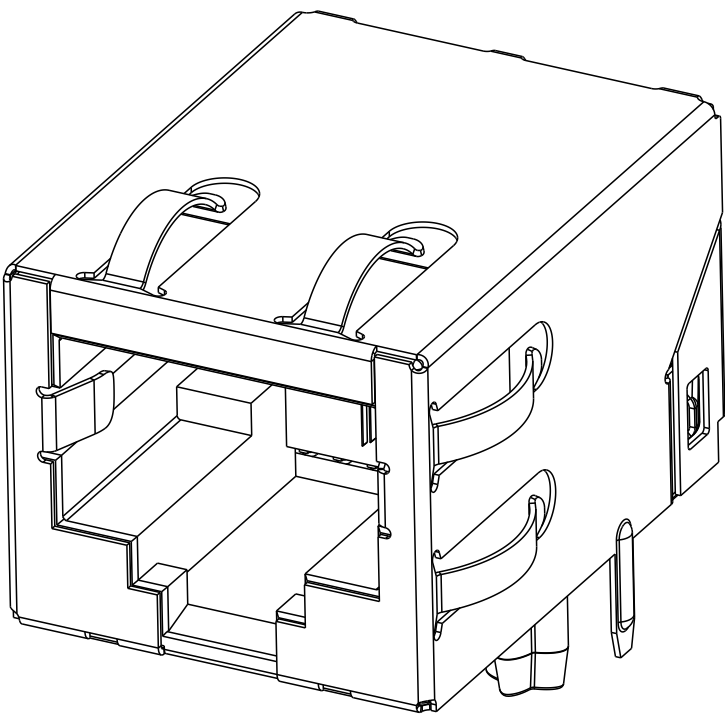
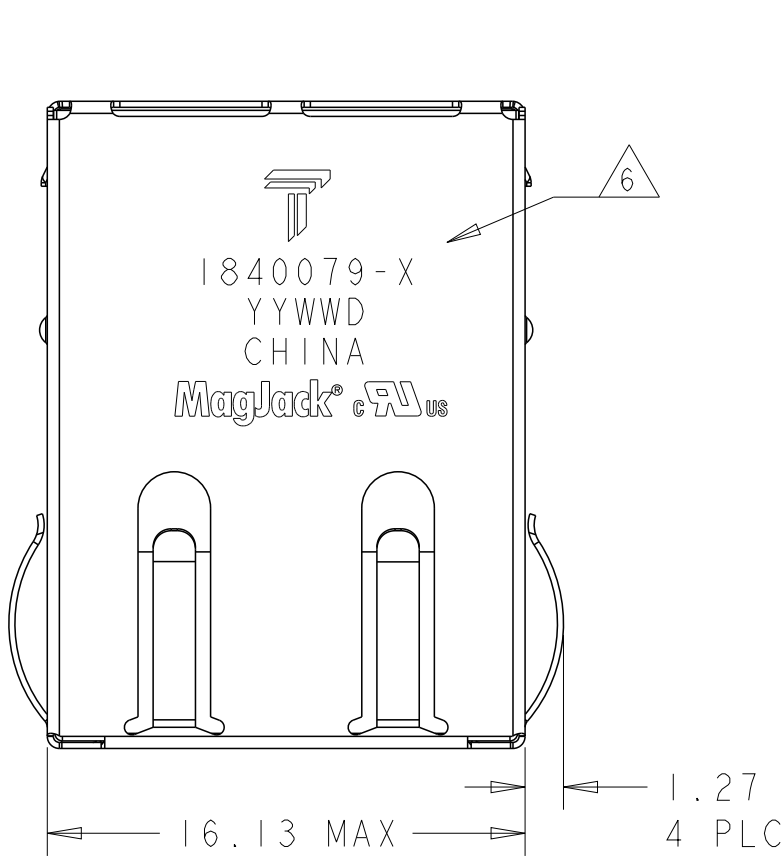


8 7 6 5 4 3 2 1

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

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
4		SEE LAST SHEET	06JAN2015	RL TY



1. MATERIALS
- HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL 94V-0.
 - SHIELD: BRASS C26800 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.
 - 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.

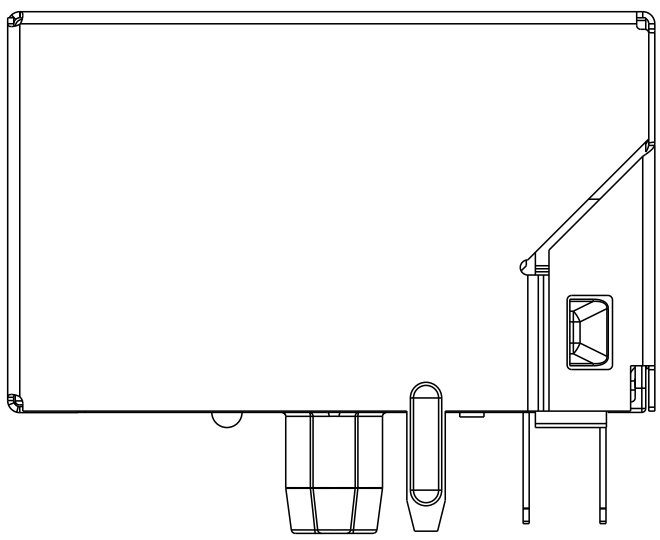
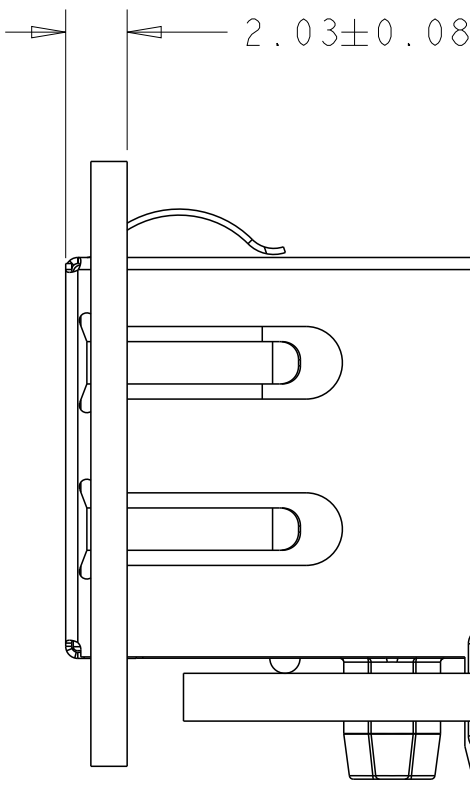
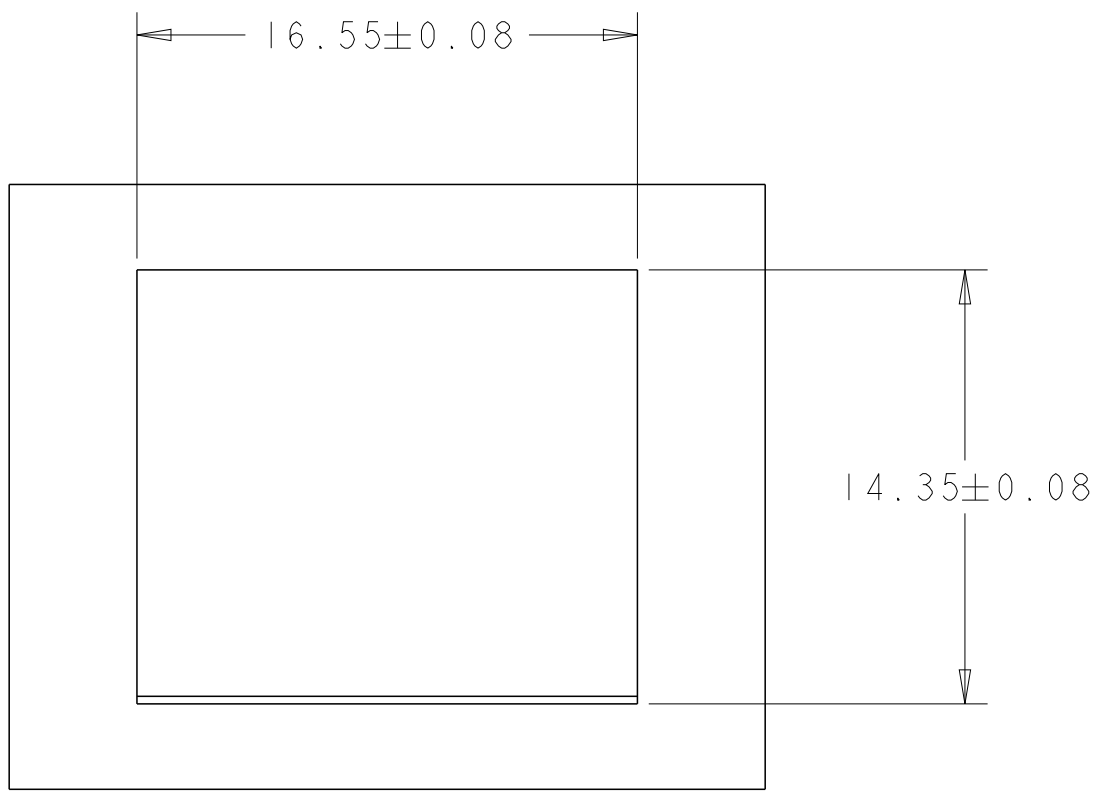
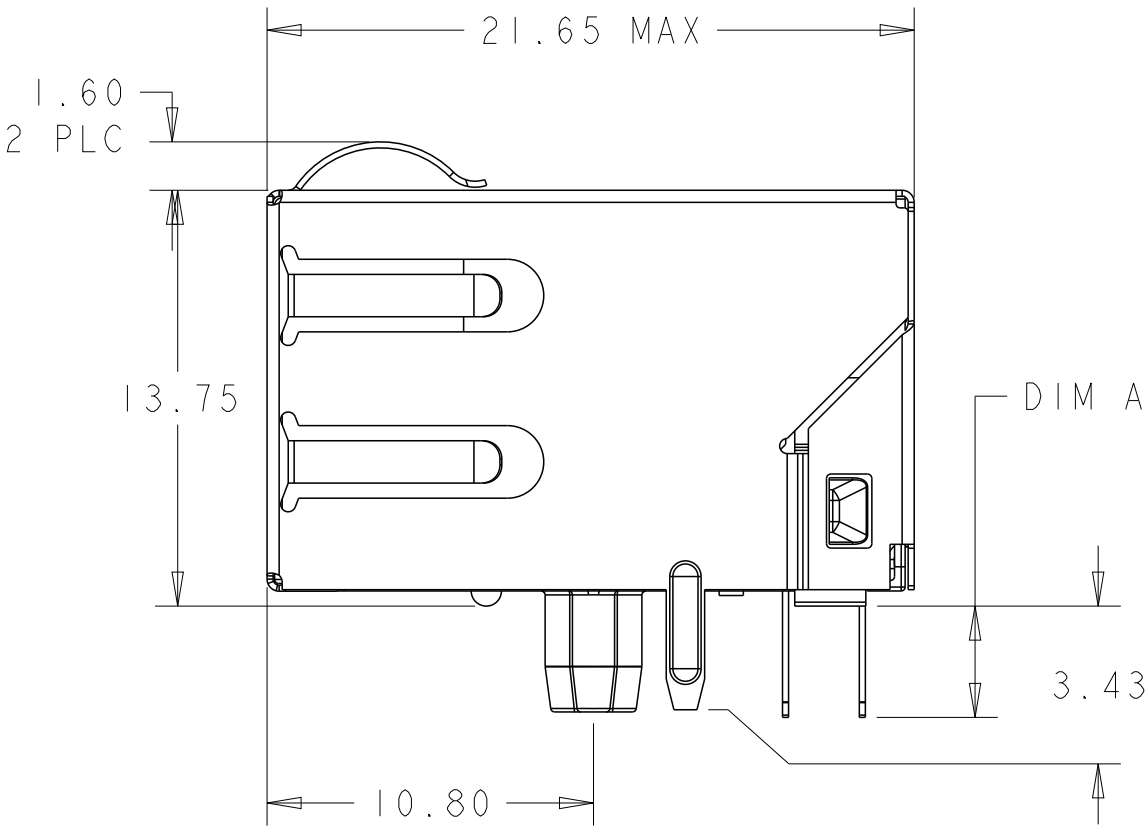
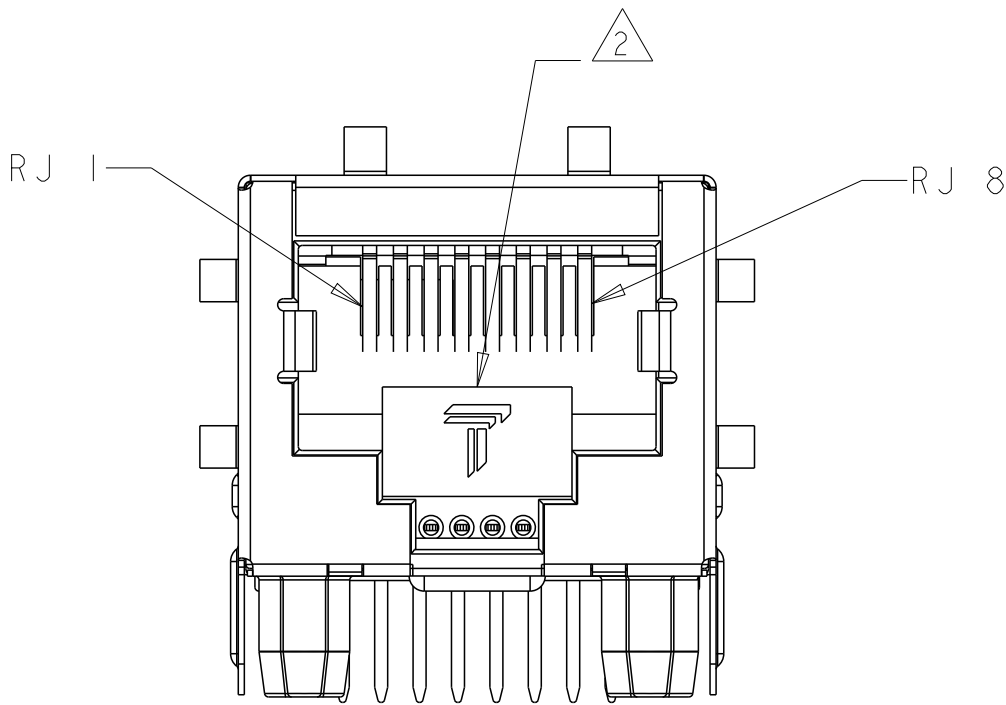
- 3 MAGNETICS
- APPLICATION: 10/100 BASE-T, EXTENDED TEMPERATURE
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1
 - OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM -40°C TO +85°C, TX AND RX
 - PERFORMANCE @ 25°C:
 - INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
 - RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
 - 18-20LOG(f/30)dB MIN FROM 30.1MHz TO 60MHz
 - 12dB MIN FROM 60.1MHz TO 80MHz
 - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 - 33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
 - COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 - ISOLATION VOLTAGE: 2250VDC FOR 60 SECONDS WITH A RISE TIME OF 500 V/SEC

4. OPERATING TEMPERATURE: FROM -40°C TO +85°C.

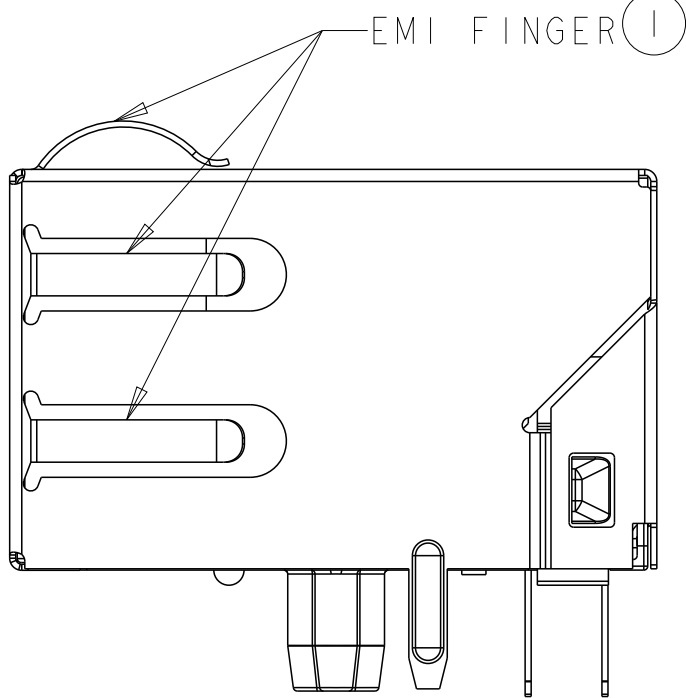
5 INDICATED MAGNETIC CONNECTIONS ARE SYMMETRICAL TO SUPPORT AUTO-MDI/MDIX.

6 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

7. THESE PARTS ARE 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.

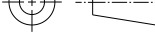


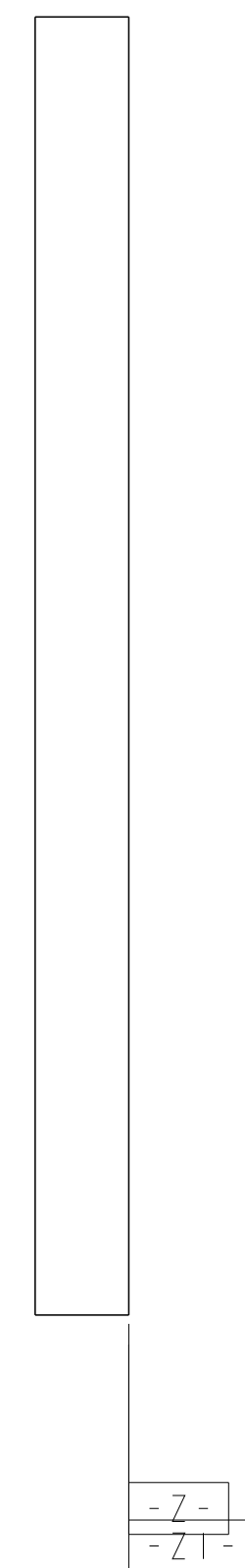
1840079-1



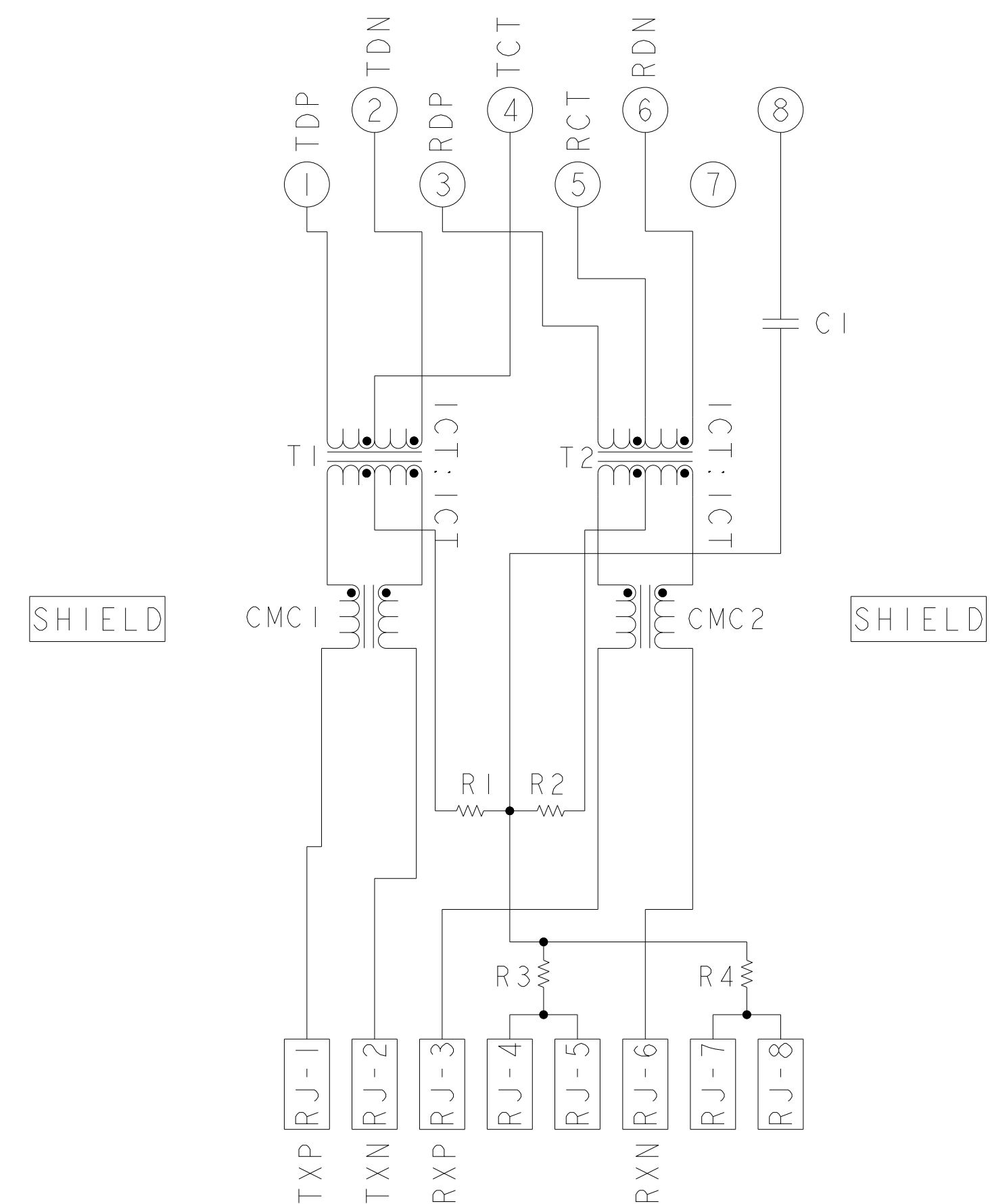
1840079-2

3.68	YES	1840079-2
3.18	NO	1840079-1
DIM A	EMI FINGER 1	PART NO.

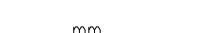
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU 10AUG2012	 trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS:		CHK TOWER YU / FRANK LIU 10AUG2012				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD KEITH ZHU 10AUG2012	MODEL NAME		DESC	
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES +	MAGJACK SINGLE Non-PoE		IX1 426ETP13 10/100 TAB DOWN W/O LED		
PRODUCT SPEC	APPLICATION SPEC	A1		SIZE	CAGE CODE	DRAWING NO
108-104004	-	CUSTOMER DRAWING		C=1840079		RESTRICTED TO -
				SCALE	4:1	SHEET 1 OF 3
						REV 4



426ETP13 10/100 BASE-T CIRCUIT



$C1 = 1000 \text{ PF}$, 2 kV , CAPACITOR
 $R1 - R4 = 75 \text{ Ohms}$, RESISTORS

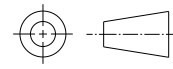
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 10AUG2012 ROY LIU CHK 10AUG2012 TOWER YU / FRANK LIU APVD 10AUG2012 KEITH ZHU		 trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DESC		1X1 426ETPI3 10/100 TAB DOWN W/O LED	
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±°		MODEL NAME		MAGJACK SINGLE Non-PoE	
		APPLICATION SPEC		SIZE		RESTRICTED TO	
PRODUCT SPEC		-		CAGE CODE		-	
108-104004		-		DRAWING NO		-	
				A1		C=1840079	
				CUSTOMER DRAWING		SCALE A:1 SHEET 2 OF 4 REV 4	

C_1840079					STOCK DISPOSITION			
					A: CONTINUE AS IS B: REWORK C: SCRAP		D: USE OLD FIRST E: PARTS TO CONFORM F: OTHER	
REVISION HISTORY								
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)
10AUG2012	1	-	INITIAL RELEASE	KEITH ZHU	-	-	-	-
22AUG2012	2	SHEET2.TITLE BLOCK:REFRESH FINISH GOODS NUMBER	ERROR CORRECTION	KEITH ZHU	-	-	-	-
28MAY2013	3	ADD DASH NUMBER 1840079-2	MARKET REQUIREMENT	TONY YUAN	-	-	-	-
06JAN2015	4	EC-1411035 COMPANY LOGO CHANGE	MARKET REQUIREMENT	TONY YUAN	-	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

OWN

ROY LIU

10AUG2012

CHK

TOWER YU / FRANK LIU

10AUG2012

APVD

KEITH ZHU

10AUG2012

MODEL NAME

MAGJACK

DESC

IXI 426ETPI3 10/100
TAB DOWN W/O LED

SIZE

A1

CAGE CODE

DRAWING NO

1840079

RESTRICTED TO

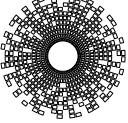
-

CUSTOMER DRAWING

SCALE 4:1

SHEET 3 OF 3

REV 4

 **trp** CONNECTOR

DONGGUAN CHINA