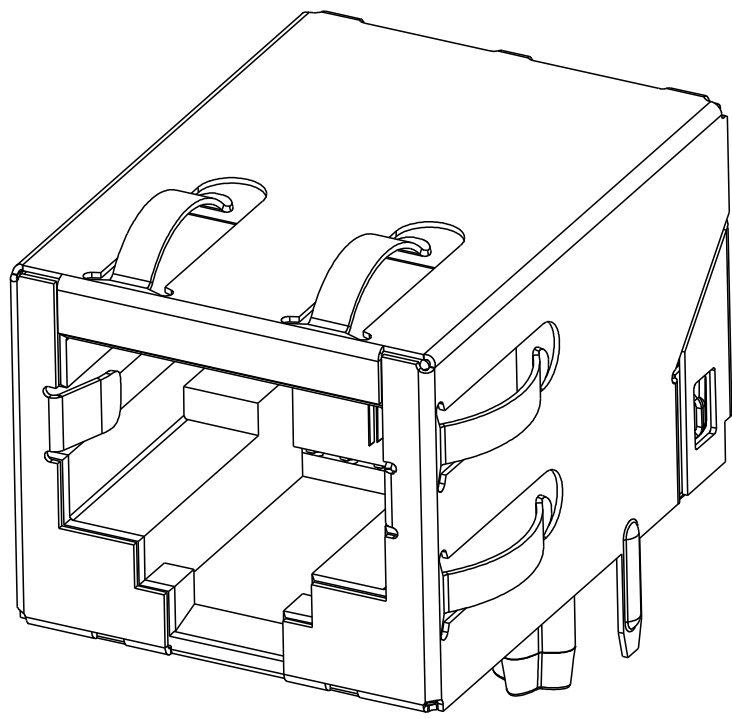
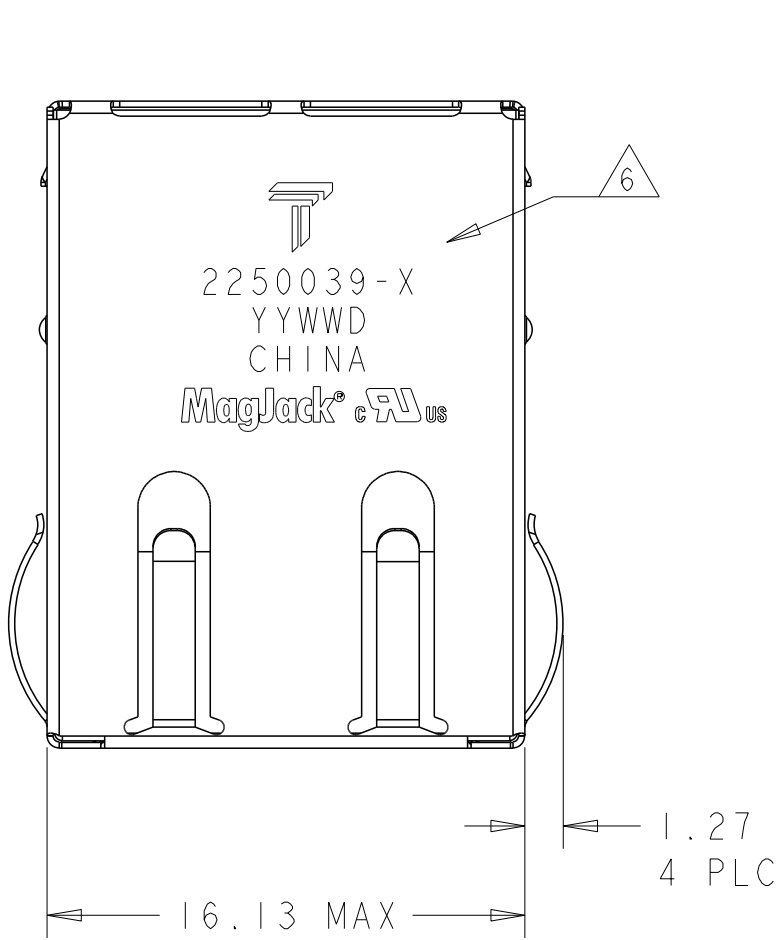


8 7 6 5 4 3 2 1

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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				
#	LYR	DESCRIPTION	DATE	DWN APVD
2		SEE LAST SHEET	09FEB2015	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.

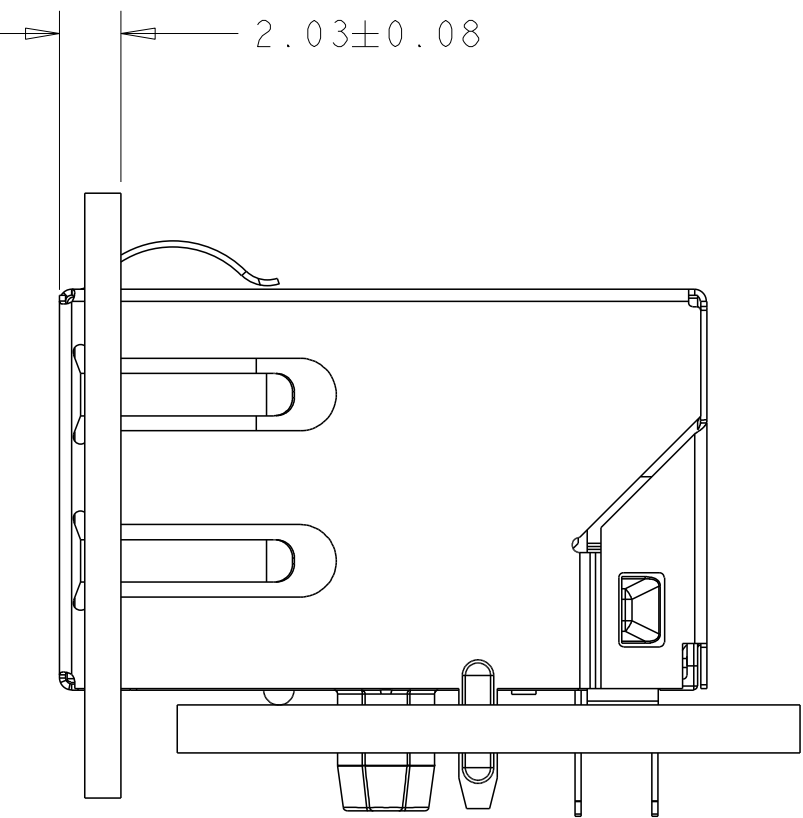
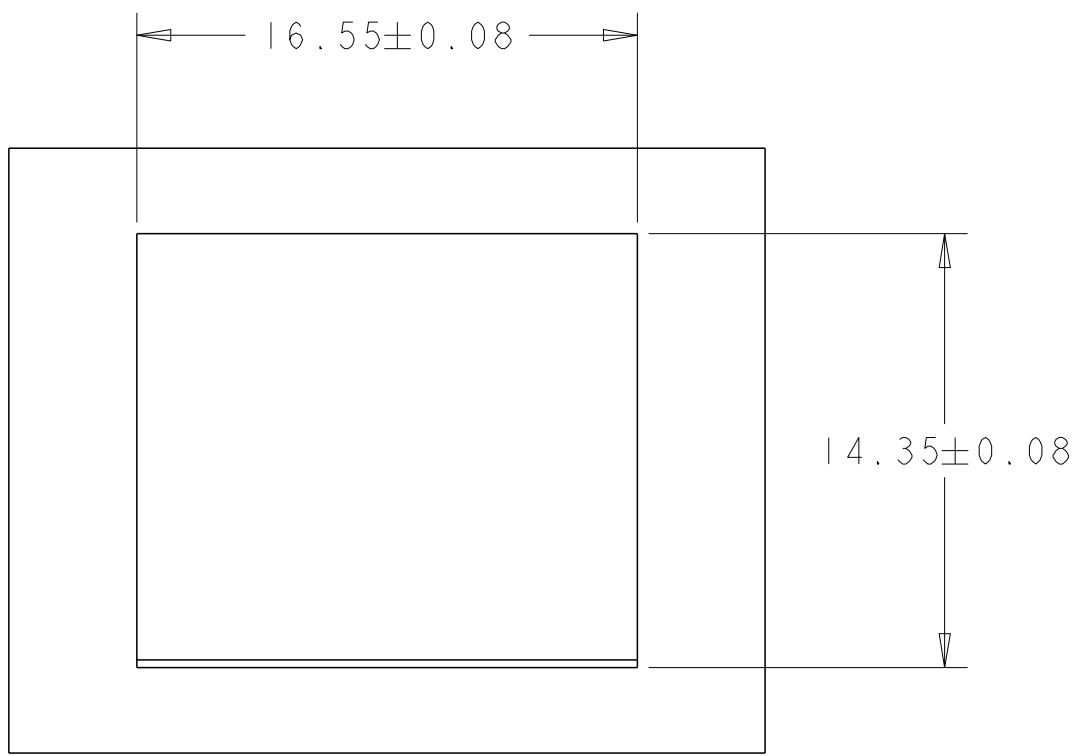
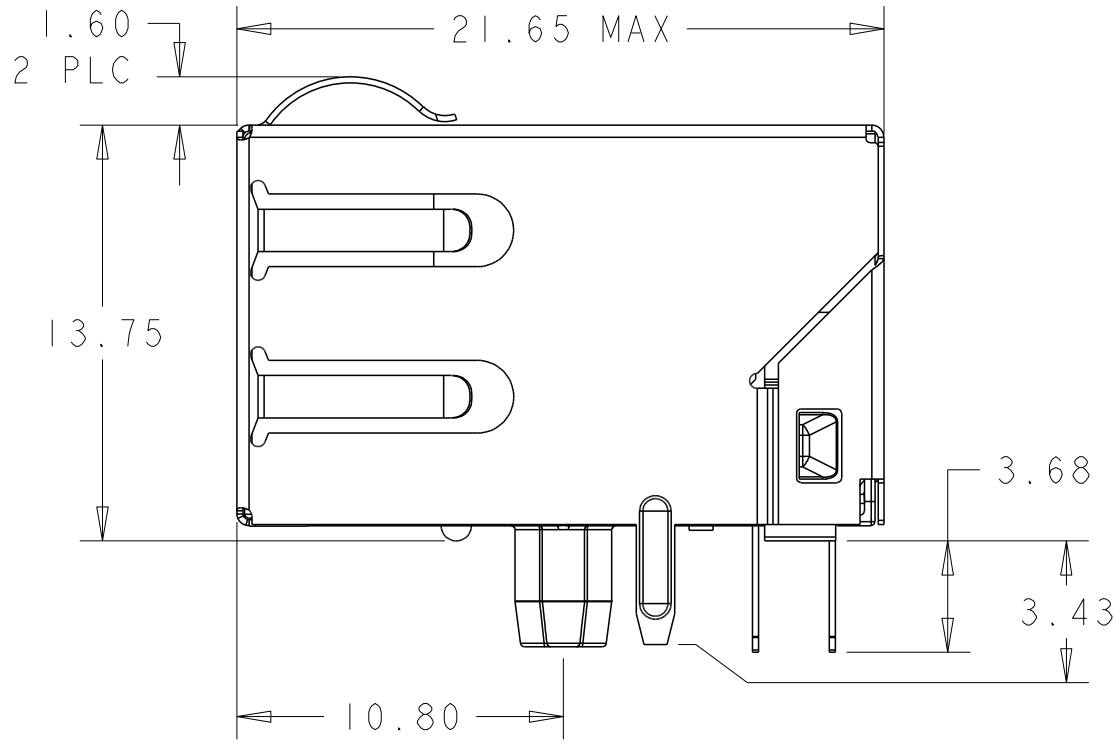
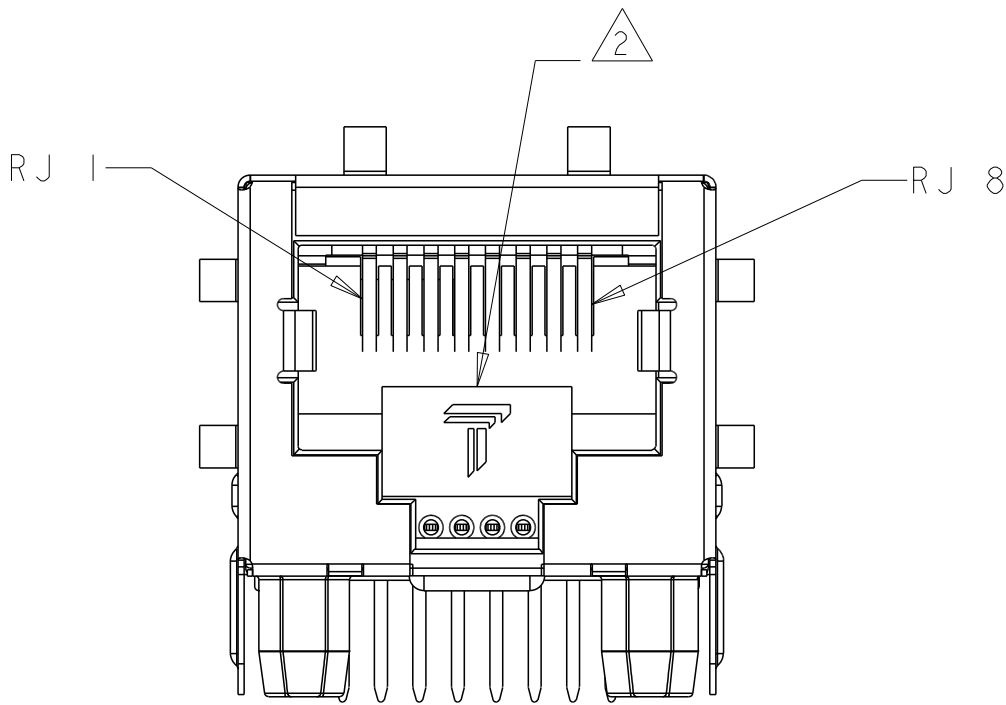
- 3 MAGNETICS
- APPLICATION: 10/100 BASE-T
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1
 - OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO +70°C, TX AND RX
 - PERFORMANCE @ 25°C:
 - INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
 - RETURN 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 0°C TO +70°C.

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

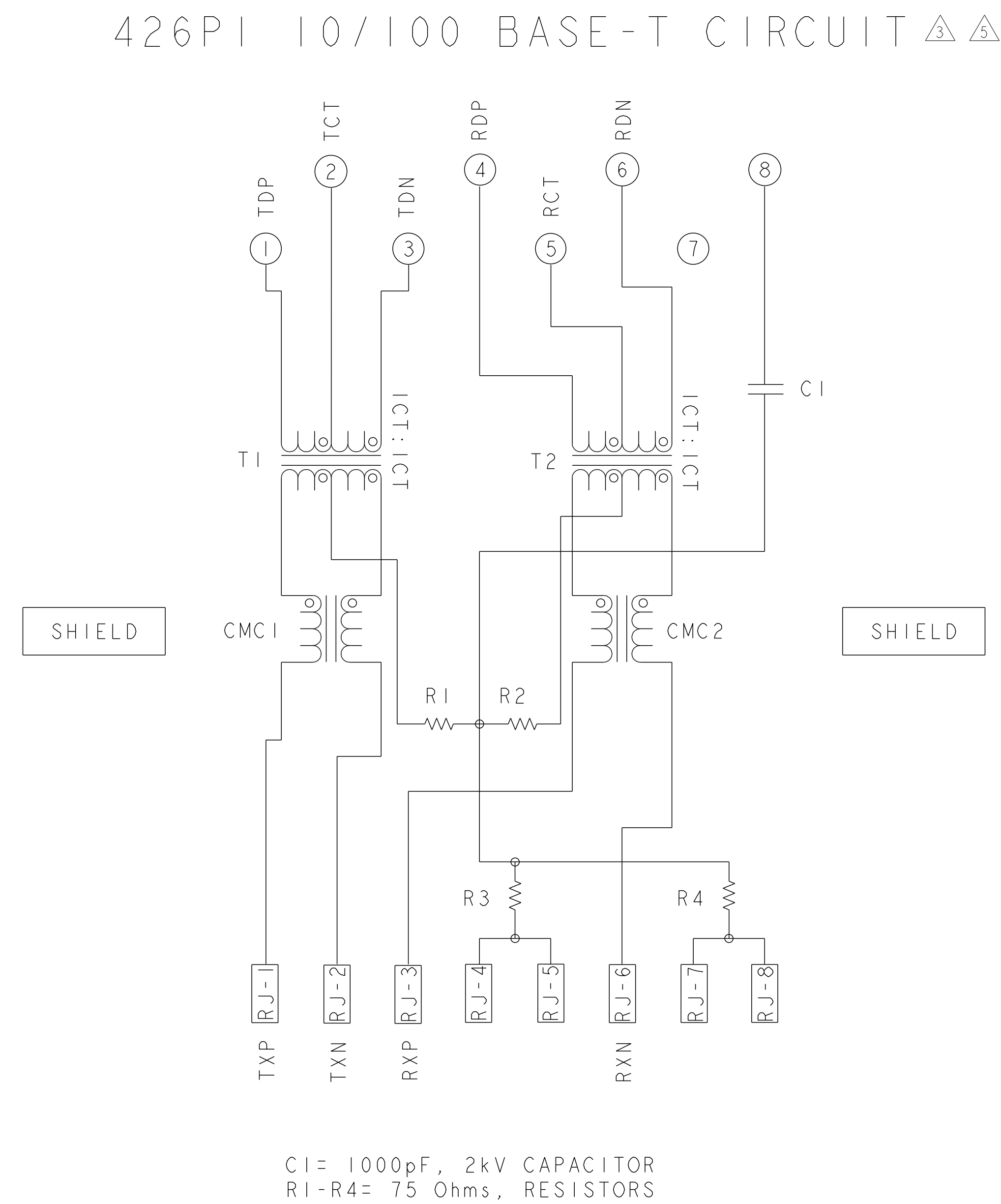
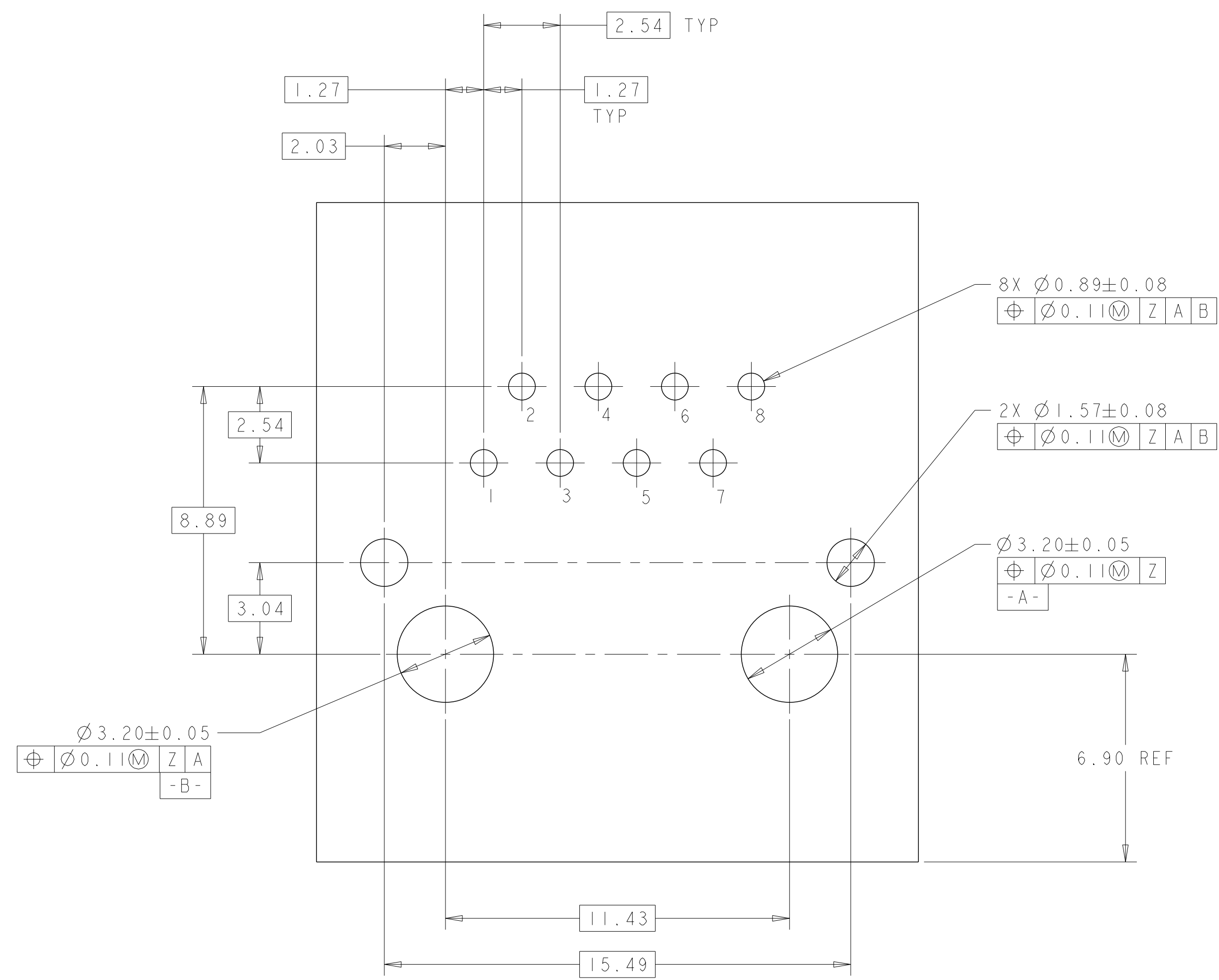
6 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

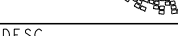
7. THIS PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS,PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX,10 SECONDS MAX.



SUGGESTED PANEL CUTOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU	05JUN2013	 trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS:		CHK TOWER YU / FRANK LIU	05JUN2013				
mm		APVD KEITH ZHU	05JUN2013				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		MODEL NAME		DESC		SIZE	
0 PLC ±0.25		MAGJACK		1X1 10/100 426PI		CAGE CODE	
1 PLC ±0.25		SINGLE NON-POE		TAB DOWN W/O LED		DRAWING NO	
2 PLC ±0.25		A 1		C=2250039		RESTRICTED TO	
3 PLC ±		CUSTOMER DRAWING		SCALE		SHEET	
4 PLC ±		4:1		1		OF	
ANGLES		2		3		REV	
APPLICATION SPEC		-		2			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU 05JUN2013 CHK TOWER TU / FRANK LIU 05JUN2013 APVD KEITH ZHU 05JUN2013		 DONGGUAN CHINA KEITH	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±°			
		MODEL NAME MAGJACK SINGLE NON-POE		DESC	
PRODUCT SPEC		APPLICATION SPEC		SIZE A1	
108-104004		-		CAGE CODE DRAWING NO C=2250039	
		CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 4:1 SHEET 2 of 3 REV 2	

C_2250039					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)
05JUN2013	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-
09FEB2015	2	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

DWN ROY LIU 05JUN2013

CHK TOWER YU / FRANK LIU 05JUN2013

APVD KEITH ZHU 05JUN2013

MODEL NAME

MAGJACK

DESC

IX1 10/100 426PI
TAB DOWN W/O LED

SIZE

A 1

CAGE CODE

DRAWING NO

C=2250039

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 3

OF 3

REV 2

trp CONNECTOR

DONGGUAN CHINA

abel group