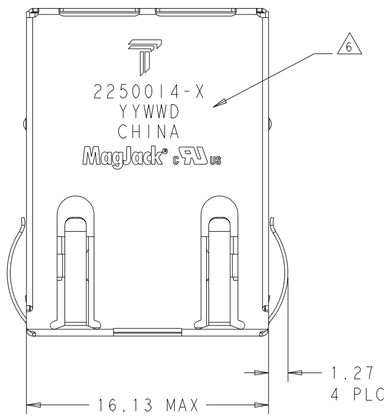
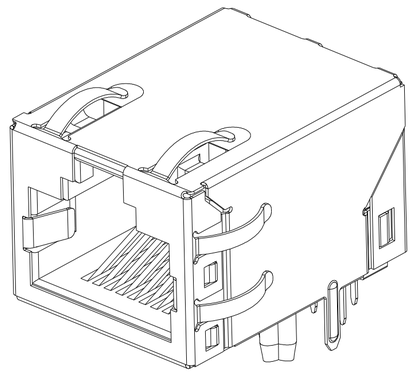
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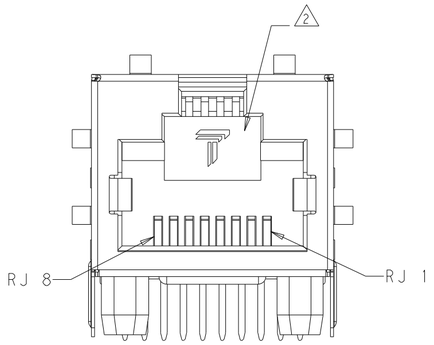
PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

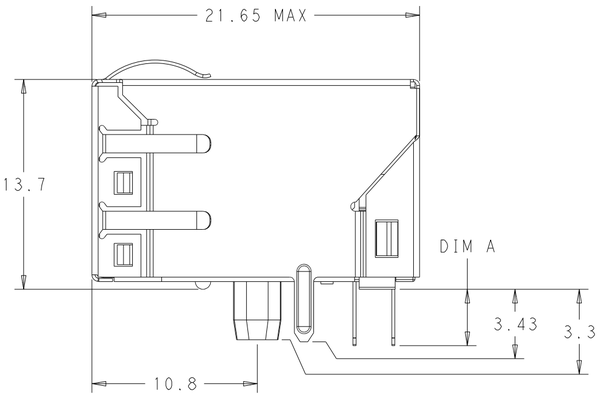
REVISIONS

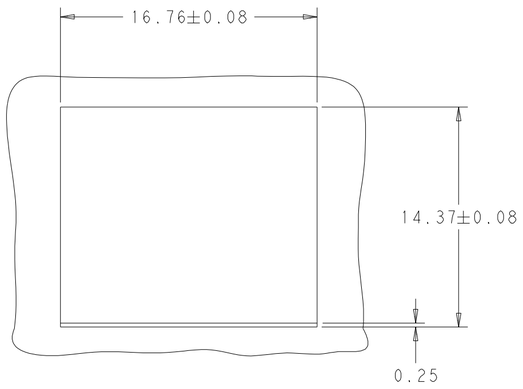
P	LTR	DESCRIPTION	DATE	DWN	APVD
	2	EC-1411035 COMPANY LOGO CHANGE	30DEC2014	DP	TY



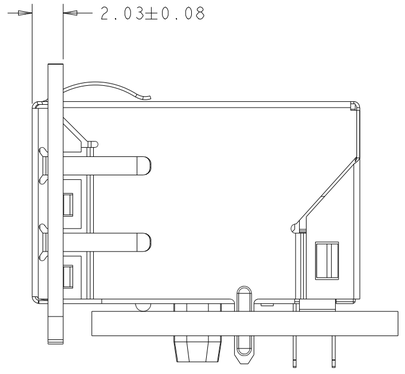








SUGGESTED CUT PANEL AND PCB



1. MATERIALS
   - HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL 94V-0.
   - SHIELD: BRASS 0.20mm THICK, PREPLATED WITH 0.76um MIN SEMI-BRIGHT NICKEL.
   - 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: 10/100/1000 BASE-T
   - IMPEDANCE: 100 OHMS
   - TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
   - OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN. @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO +70°C, ALL FOUR PAIRS
   - ALL FOUR PAIRS BI-DIRECTIONAL
   - PERFORMANCE @ 25°C:
     INSERTION LOSS (IL): 1.1dB MAX. FROM 0.5MHz TO 100MHz
     RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz
     12-20LOG(f/80)dB MIN. FROM 40.1MHz TO 100MHz
     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. DATE CODE: YYWWD "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.

DIM A	PART NUMBER
2.30	2250014-2
3.68	2250014-1

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 ±0.25
4 PLC ±
ANGLES ±

PRODUCT SPEC: -

APPLICATION SPEC: -

DWN ROY LIU 13MAY2013
CHK TOWER YU/ FRANK LIU 13MAY2013
APVD TONY YUAN 13MAY2013

MODEL NAME: MAGJACK SINGLE NON-PoE

trp CONNECTOR a bel group — DONGGUAN CHINA

DESC: 1X1 7GI40 GIGABIT TAB UP W/O LED -

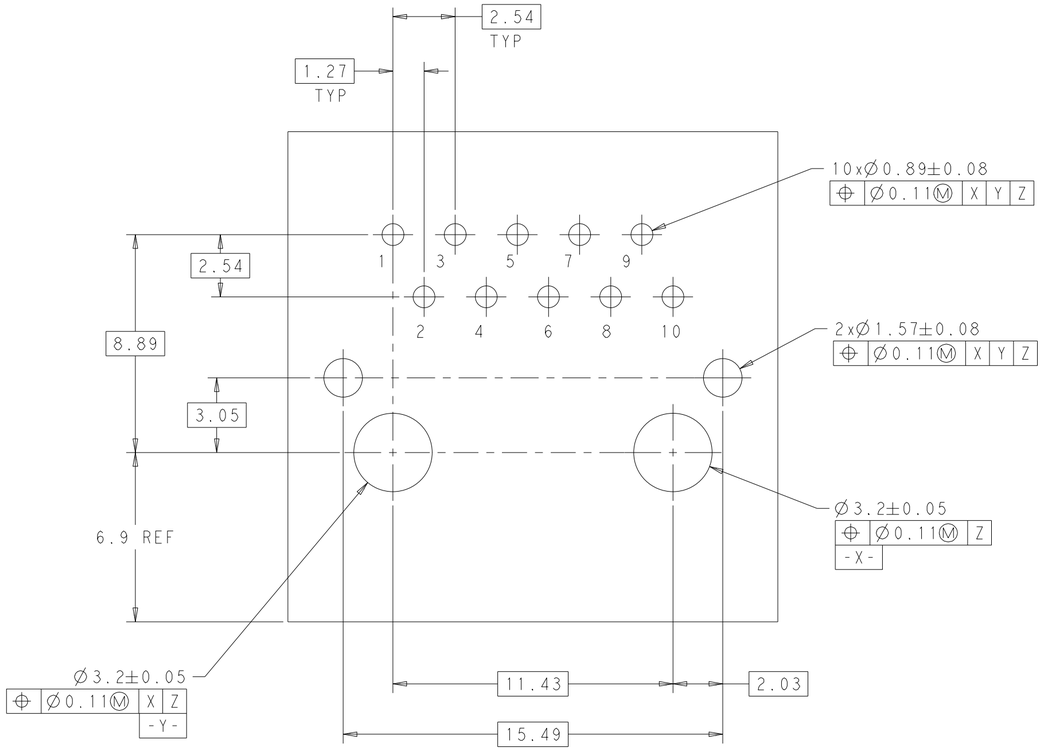
SIZE A1 | CAGE CODE | DRAWING NO: C-2250014 | RESTRICTED TO: -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 3 | REV 2

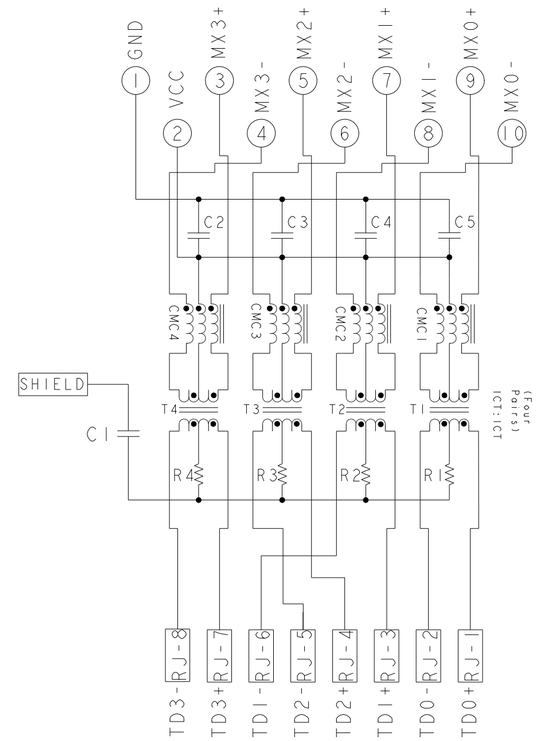
xxxxx

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7GI40 GIGABIT CIRCUIT△3△5



C1=1000pF,2KV, CAPACITOR
C2 - C5 : 0.1uF, CAPACITORS
R1 - R4 : 75 Ohms, RESISTORS

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 ±0.25
4 PLC ±
ANGLES ±

PRODUCT SPEC -

APPLICATION SPEC -

DWN ROY LIU 13MAY2013
CHK TOWER YU/ FRANK LIU 13MAY2013
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MODEL NAME: MAGJACK SINGLE NON-PoE

DESC: 1X1 7GI40 GIGABIT TAB UP W/O LED -

SIZE A1 | CAGE CODE | DRAWING NO ©-2250014 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 3 | REV 2

trp CONNECTOR a bel group DONGGUAN CHINA

xxxxx

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C_2250014					STOCK DISPOSITION			
1X1 7G140 GIGABIT TAB UP W/O LED					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)
13MAY2013	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-
30DEC2014	2	EC-1411035 COMPANY LOGO CHANGE	MARKET REQUEST	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	±0.25
4 PLC	±
ANGLES	±

PRODUCT SPEC: -

APPLICATION SPEC: -

DWN ROY LIU 13MAY2013
CHK TOWER YU/ FRANK LIU 13MAY2013
APVD TONY YUAN 13MAY2013

MODEL NAME: MAGJACK SINGLE NON-PoE

trp CONNECTOR a bel group — DONGGUAN CHINA

DESC: 1X1 7G140 GIGABIT TAB UP W/O LED -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1		C-2250014	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 3 | REV 2

xxxxx