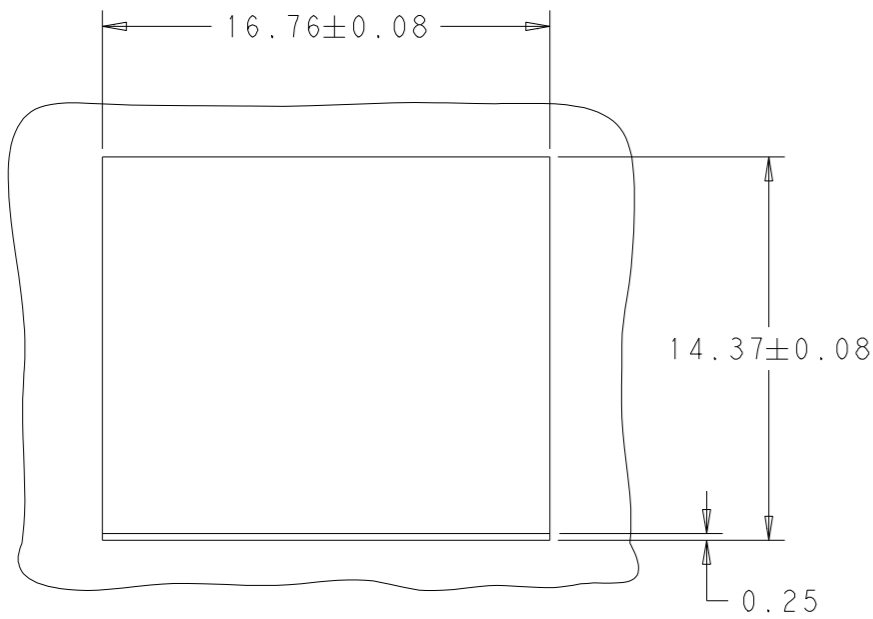
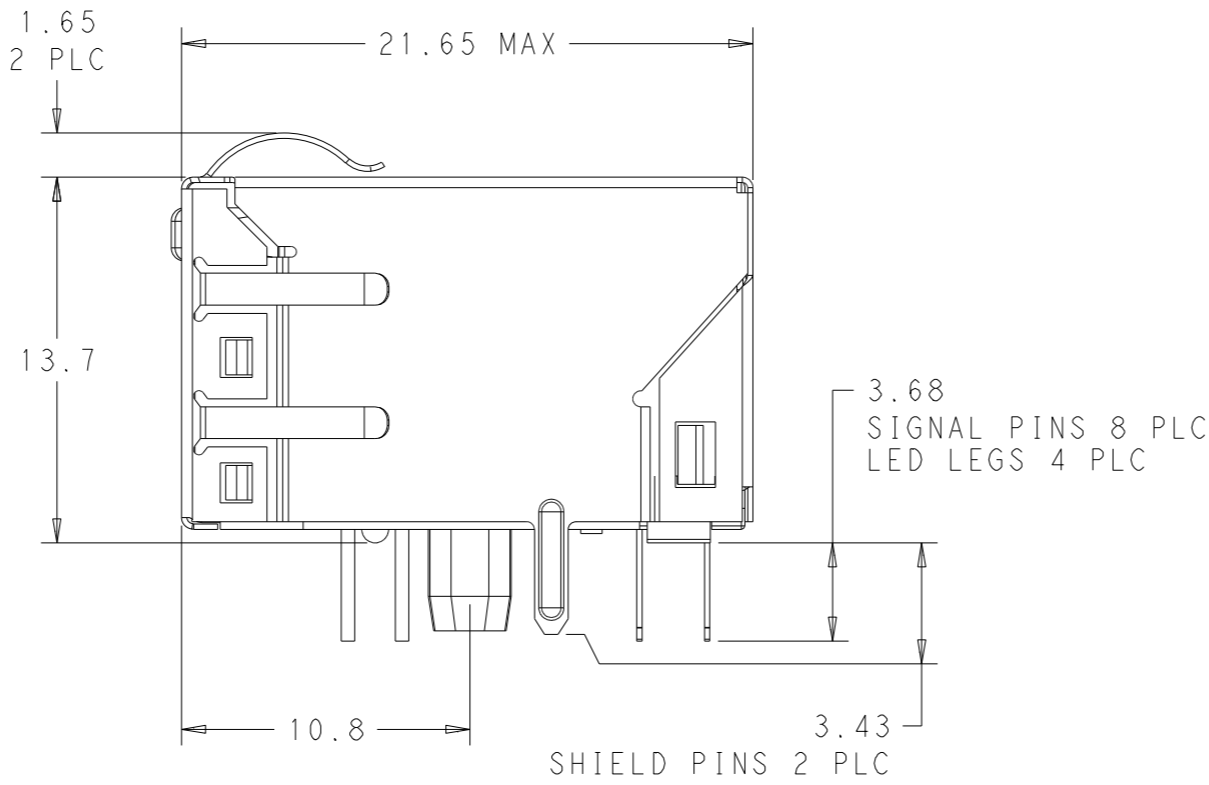
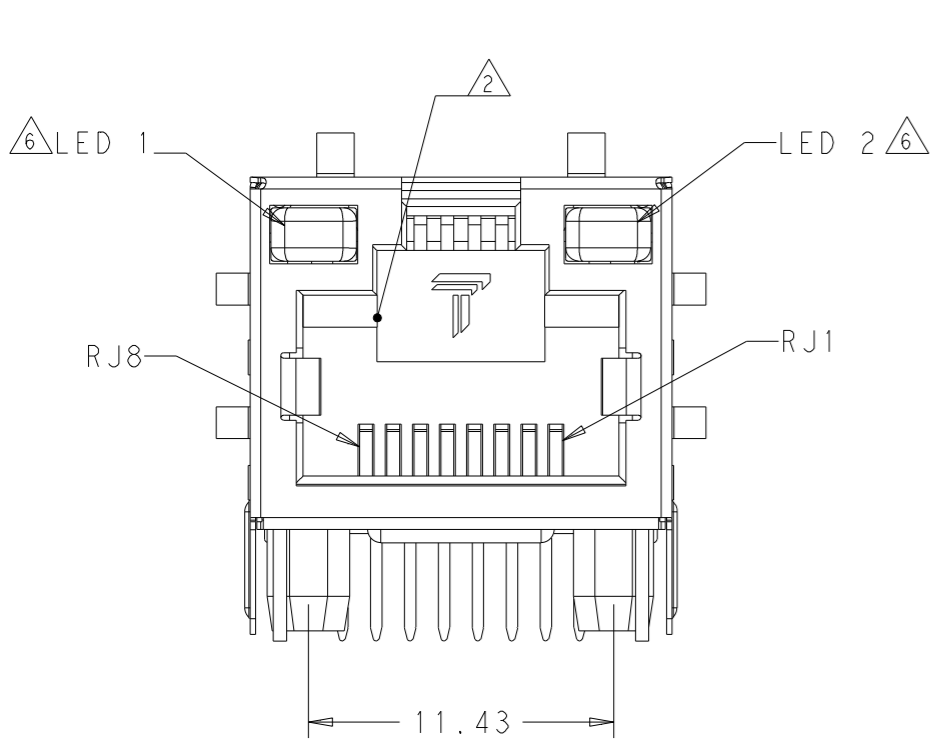
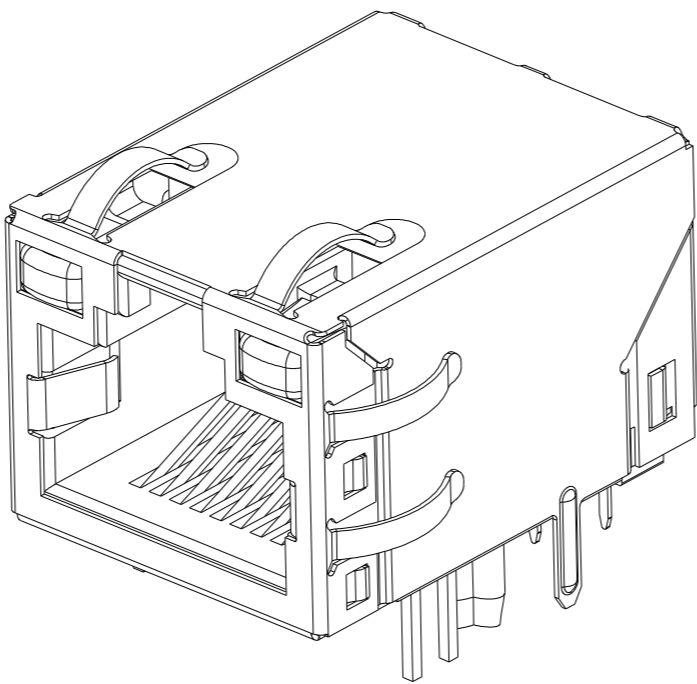
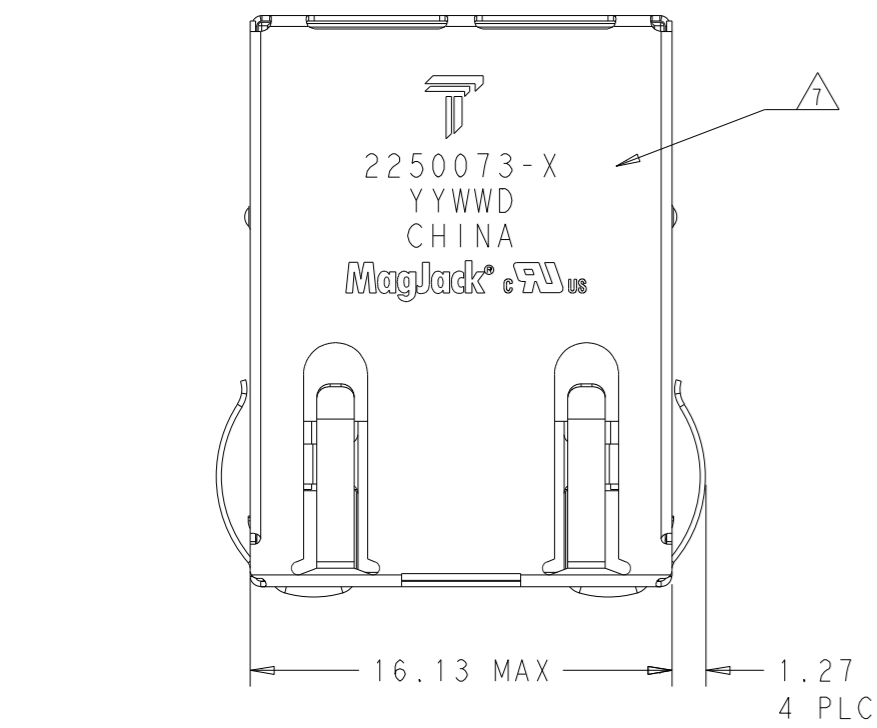


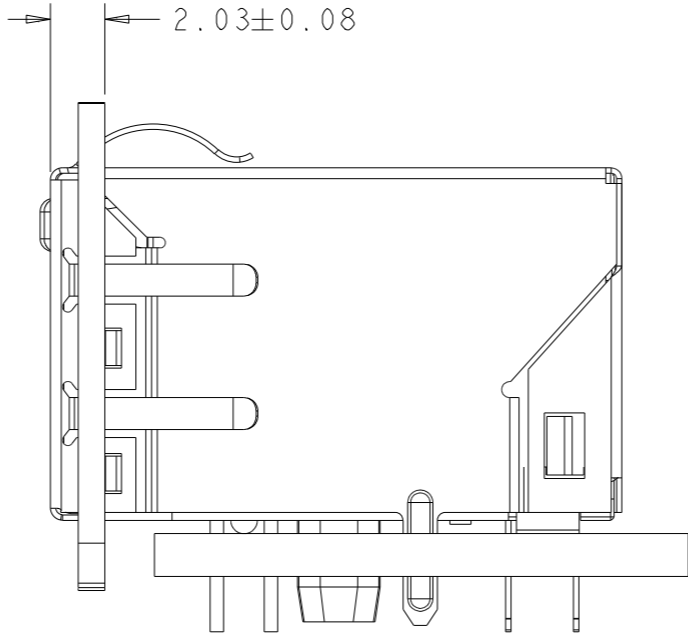
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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:  
5736910 5939955 6425781 6428361 6554638 6840817 7123117  
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN    APVD
3		SEE FINAL SHEET	10FEB2015	DP    TY



SUGGESTED PANEL CUTOUT



- 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: 0.25mm THICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL UNDERPLATE, 3um TIN PLATE
  - 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 3.05um MIN. MATTE TIN, AND TIP TIN SOLDER DIPPING

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

- MAGNETICS
  - APPLICATION: 10 BASE-T
  - IMPEDANCE: 100 OHMS
  - TURNS RATIO (CHIP:CABLE): TX=1:1.41, RX=1:1
  - TRANSMIT OPEN CIRCUIT INDUCTANCE (OCL): 140uH MIN @100kHz, 0.1VRMS,
  - LEAKAGE INDUCTANCE(LL): 0.40uH MAX @ 100kHz, 0.1VRMS
  - INTERWINDING CAPACITANCE(CWW): 12pF 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.


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

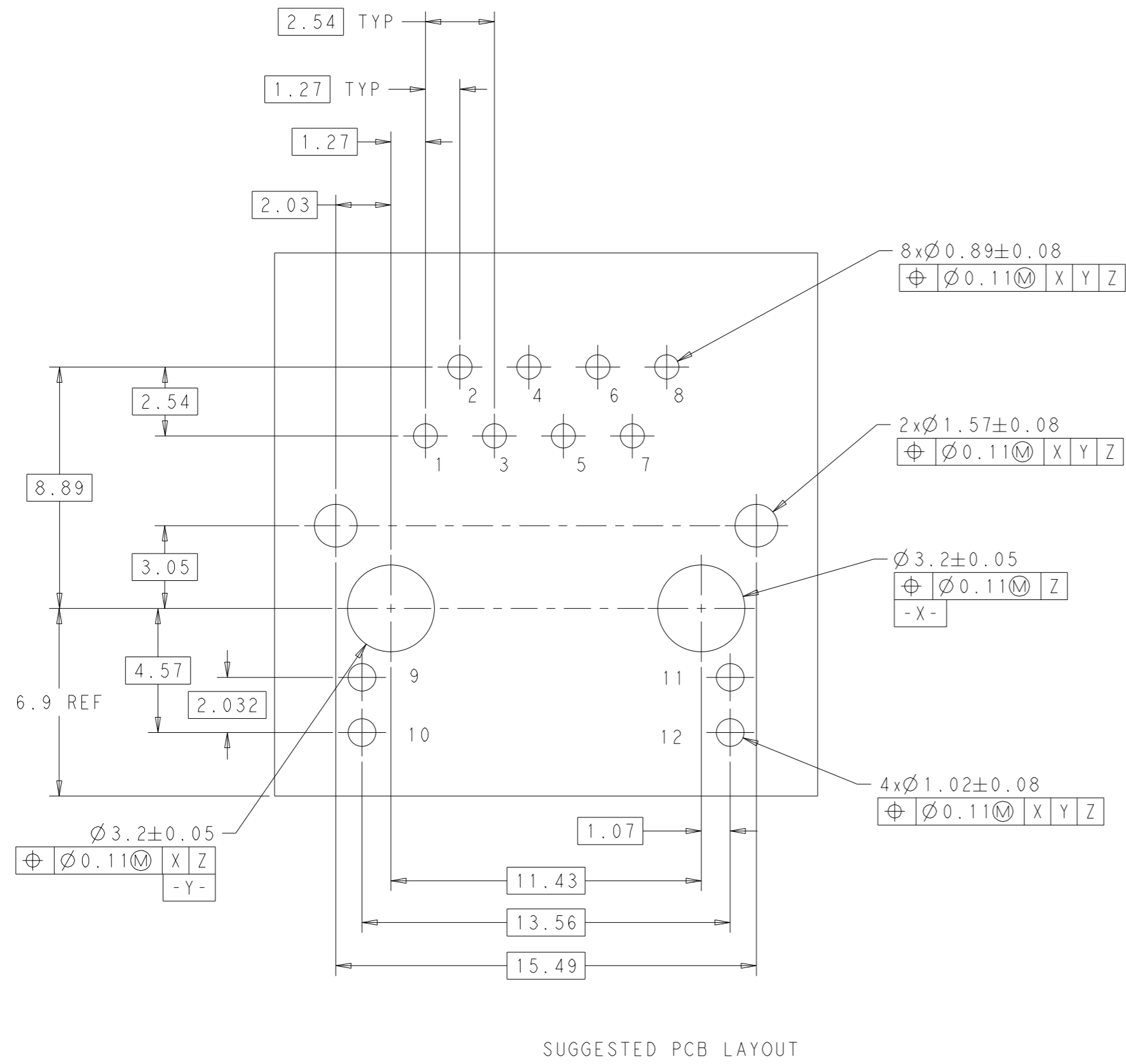
- THE LEDS WITH BUILT-IN 250 OHM RESISTORS, AND ARE DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA  
LED COLOR: DOMINATE WAVELENGTH ( $\lambda$ D): GREEN 568 nm TYP. @ VF=5V  
FORWARD CURRENT (IF): GREEN 12mA TYP @ VF = 5V  
DOMINATE WAVELENGTH ( $\lambda$ D): YELLOW 588 nm TYP. @ VF=5V  
FORWARD CURRENT (IF): YELLOW 13mA TYP @ VF = 5V

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

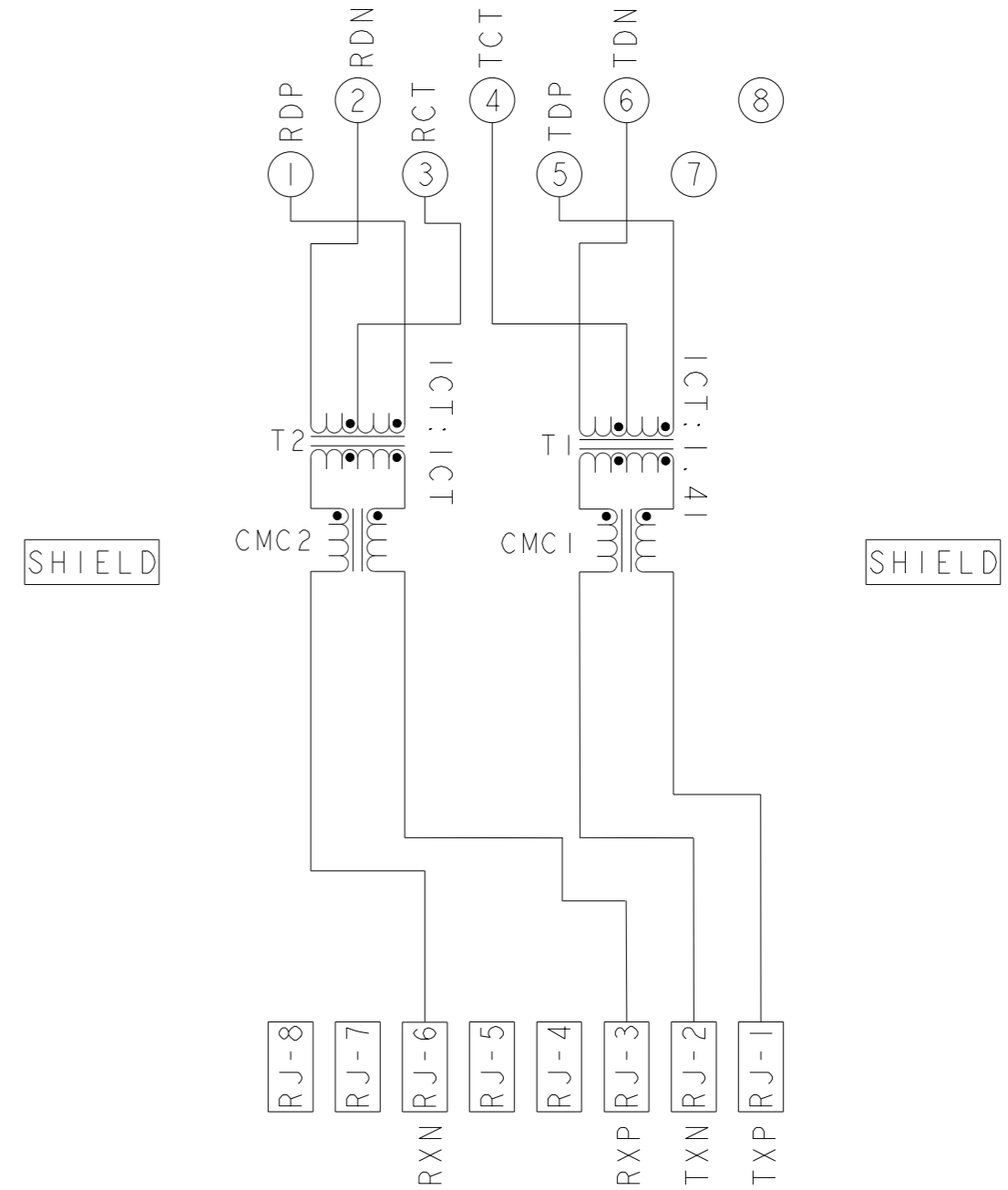
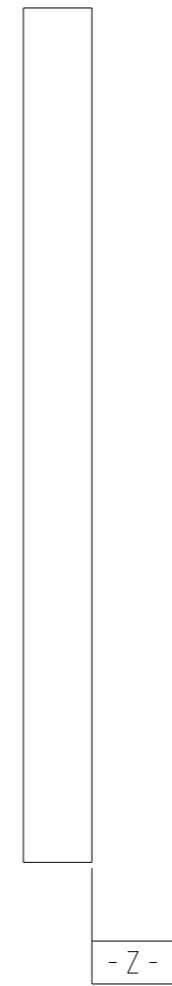
PART SHOULD BE RECOMMENDED FOR WAVE SOLDERING PROCESS.PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX,10 SECONDS MAX.

GREEN	GREEN	2250073-2
GREEN	YELLOW	2250073-1
9 $\rightarrow$ 10	11 $\rightarrow$ 12	PART NUMBER
LED 1	LED 2	

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ROY LIU 30DEC2013	 <b>trp</b> CONNECTOR DONGGUAN CHINA	
DIMENSIONS: mm		CHK TOWER YU / FRANK LIU 30DEC2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD TONY YUAN 30DEC2013	DESC IX1 725 10/100 TAB UP W/ LED	
PRODUCT SPEC		MODEL NAME MAGJACK	SIZE A1	RESTRICTED TO -
APPLICATION SPEC		SINGLE NON-POE	C=2250073	REV 3
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 3	REV 3



# 725 10/100 CIRCUIT

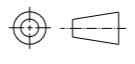


C_2250073					STOCK DISPOSITION			
					A: CONTINUE AS IS B: REWORK C: SCRAP		D: USE OLD FIRST E: PARTS TO CONFORM F: OTHER	
REVISION HISTORY								
DATE	REV	CHANGES	REASON	APPROVAL	INVENTORY (A,B,C,D,E,F)	WORK IN PROCESS (A,B,C,F)	SUPPLIER ORDERS (A,E,F)	OPEN CUST ORDERS (A,E,F)
30DEC2013	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-
28AUG2014	2	SHEET 1, C6: CHANGE 1.27 TO 1.65	PRODUCT IMPROVEMENT	TONY YUAN	-	-	-	-
10FEB2015	3	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 ±0.25

ANGLES ±°

APPLICATION SPEC

PRODUCT SPEC

-

OWN ROY LIU 30DEC2013

CHK TOWER YU / FRANK LIU 30DEC2013

APVD TONY YUAN 30DEC2013


MODEL NAME

MAGJACK

DESC

SINGLE NON-POE

CUSTOMER DRAWING

 **trp** CONNECTOR  
a bel group

DONGGUAN CHINA

SIZE A1

CAGE CODE

DRAWING NO. 2250073

RESTRICTED TO -

SCALE 5:1

SHEET 3 OF 3

REV 3

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

2250073-1