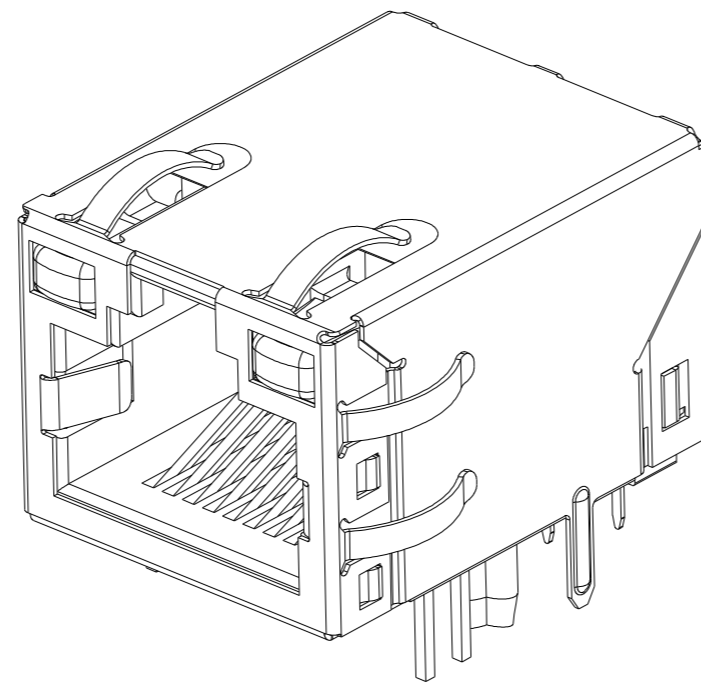
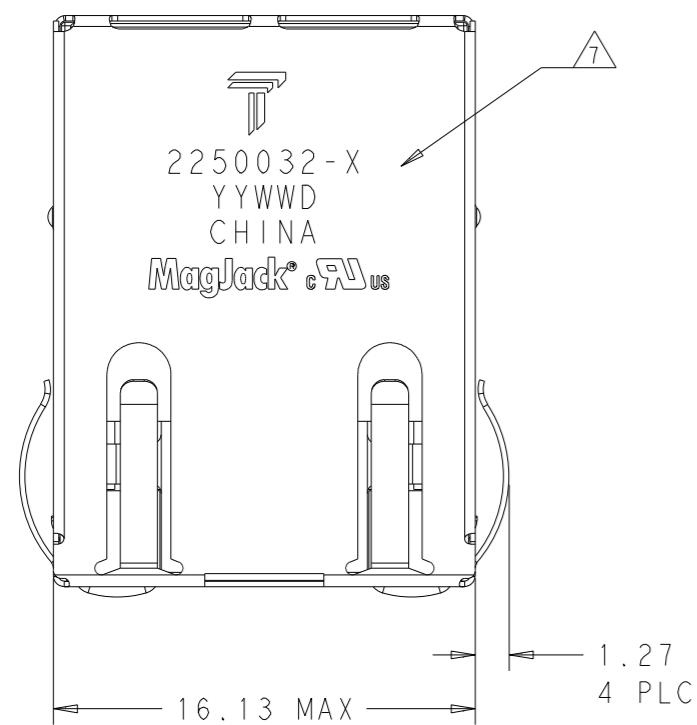


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
 5736910 5939955 6425781 6428361 6554638 6840817 7123117
 7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS				
#	LT#	DESCRIPTION	DATE	OWN APVD
2		EC-1411035 COMPANY LOGO CHANGE	31DEC2014	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: 0.25mm 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/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP

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

△ 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.

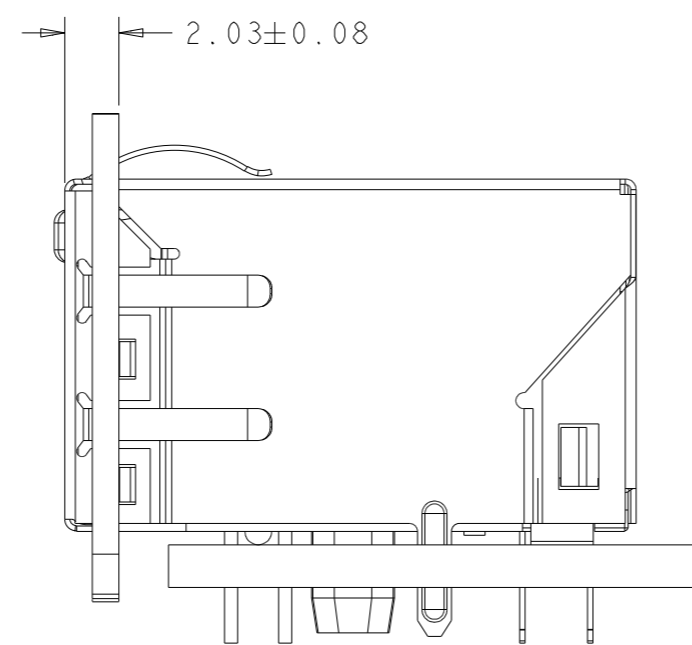
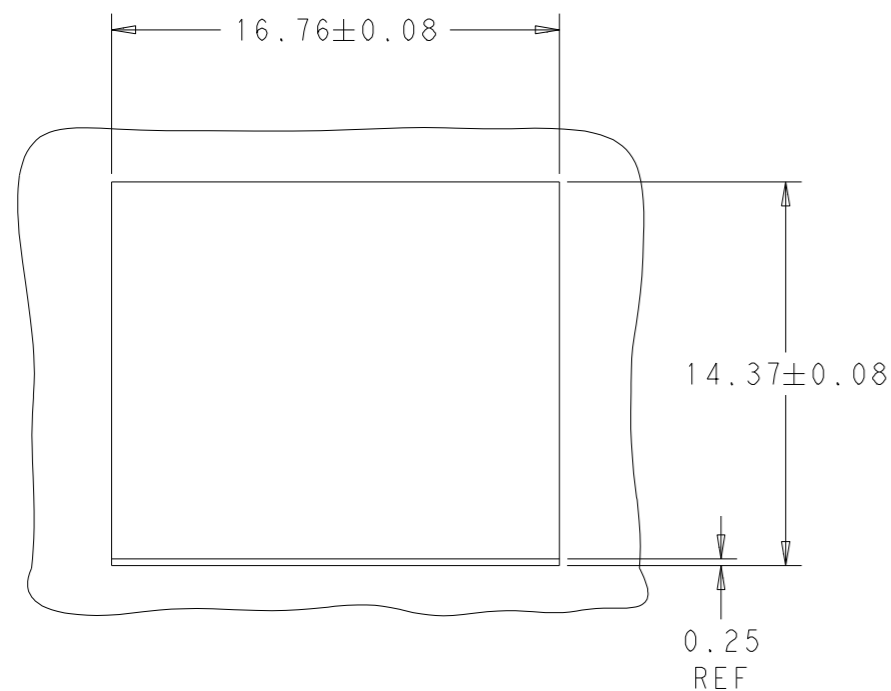
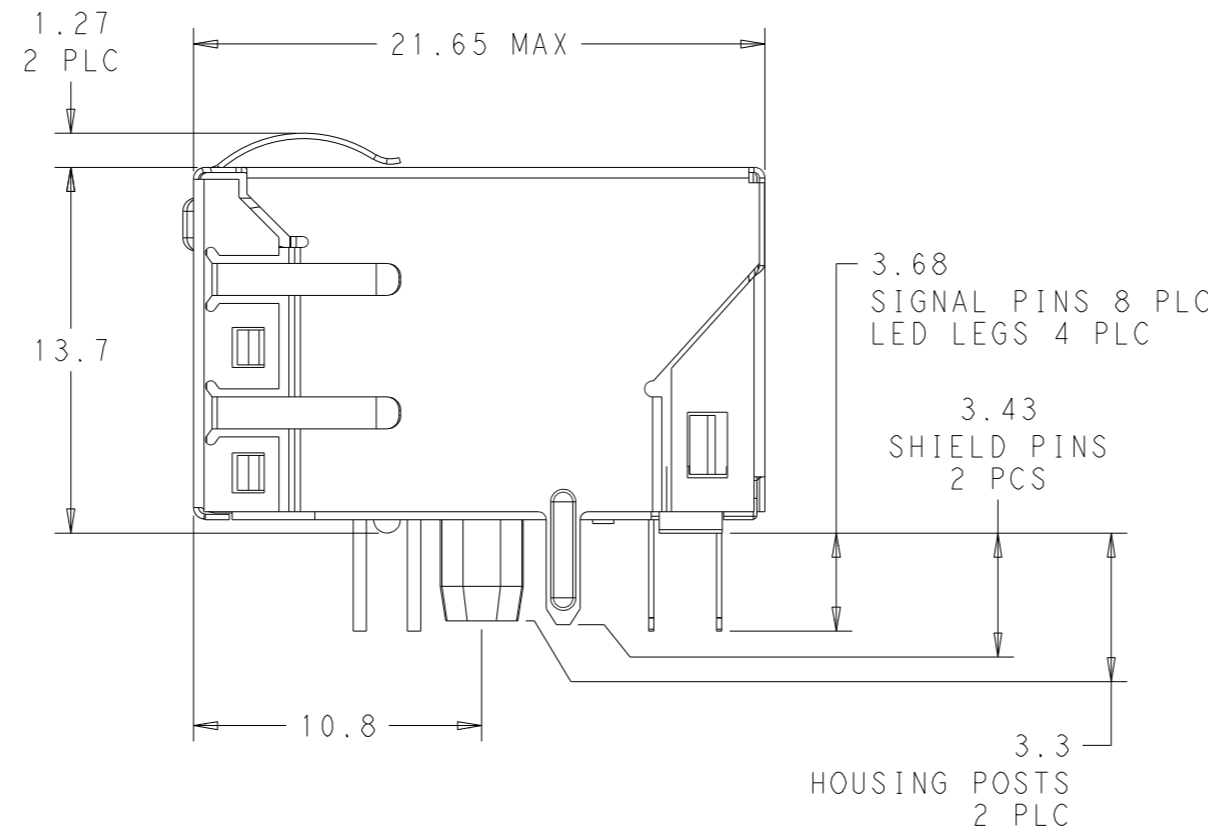
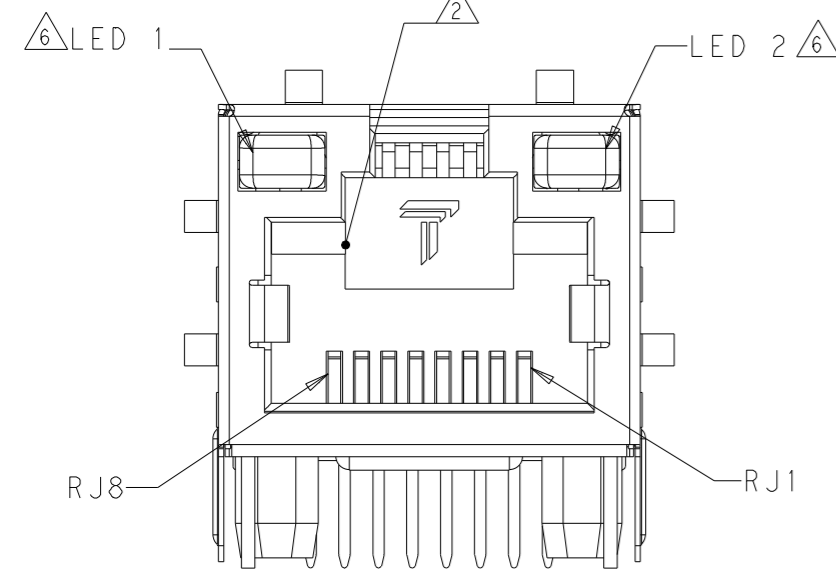
△ INDICATED MAGNETIC CONNECTIONS ARE SYMMETRICAL TO SUPPORT AUTO-MDI/MDIX.

△ LEDS ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA

- LED COLOR:
- DOMINATE WAVELENGTH (λD): GREEN 568 nm TYP AT IF = 20mA
 - FORWARD VOLTAGE (VF): GREEN 2.2V TYP. at IF = 20mA
 - DOMINATE WAVELENGTH (λD): YELLOW 588 nm TYP AT IF = 20mA
 - FORWARD VOLTAGE (VF): YELLOW 2.1V TYP. at IF = 20mA

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

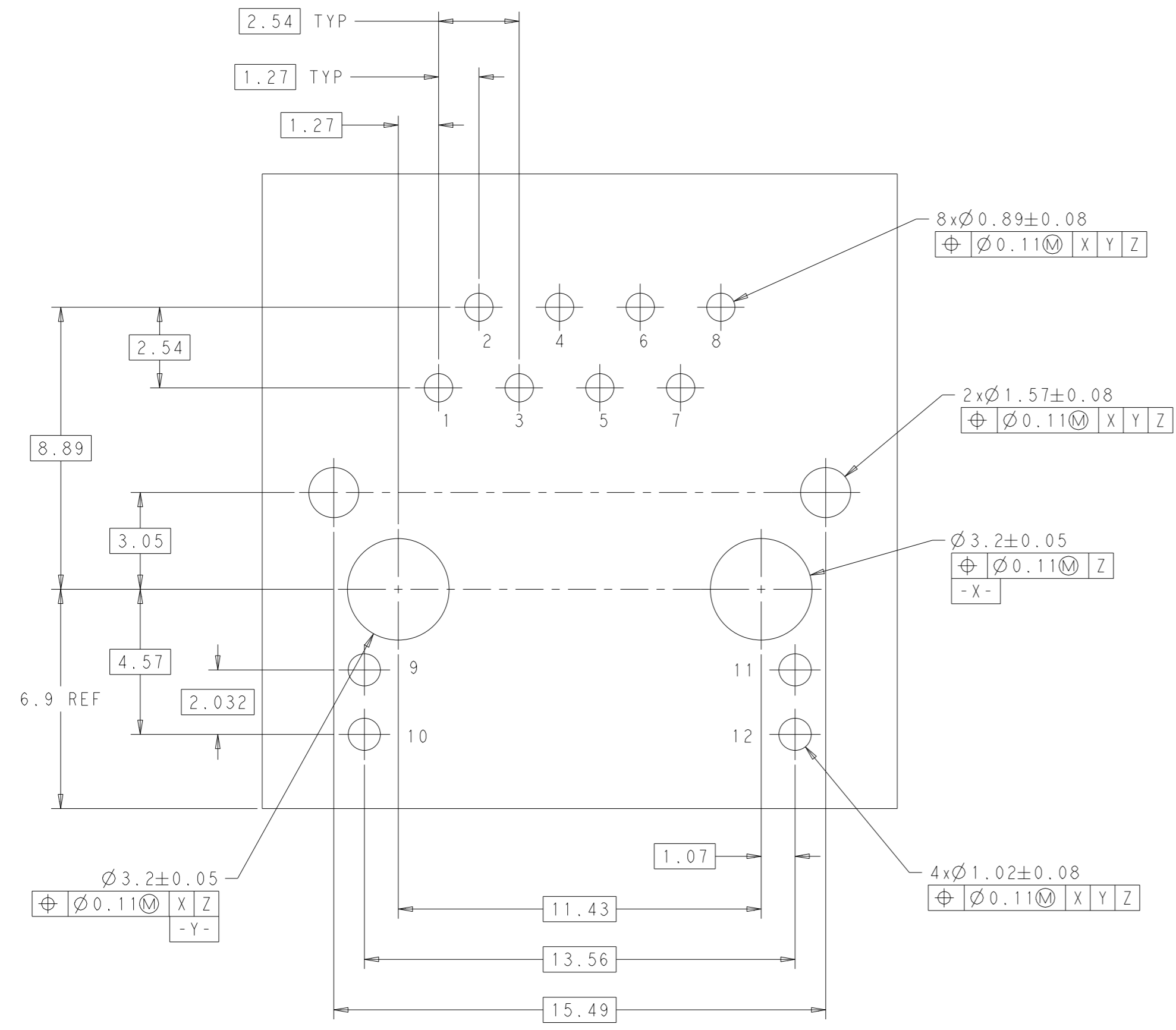
8. PART SHOULD BE RECOMMENDED FOR WAVE SOLDERING PROCESS. PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.



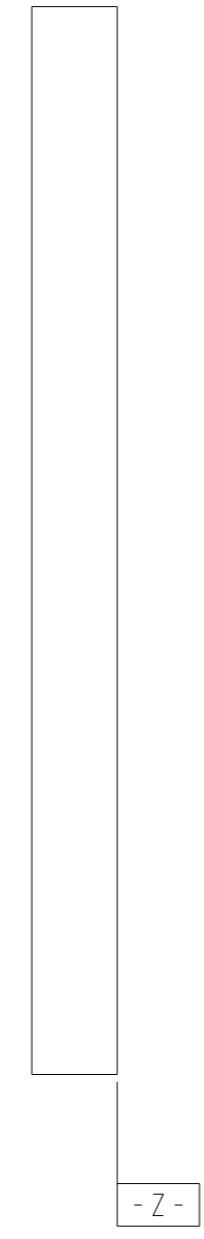
SUGGESTED PANEL CUTOUT

YELLOW	GREEN	2250032-1
9	10	11
12		
LED 1	LED 2	PART NUMBER

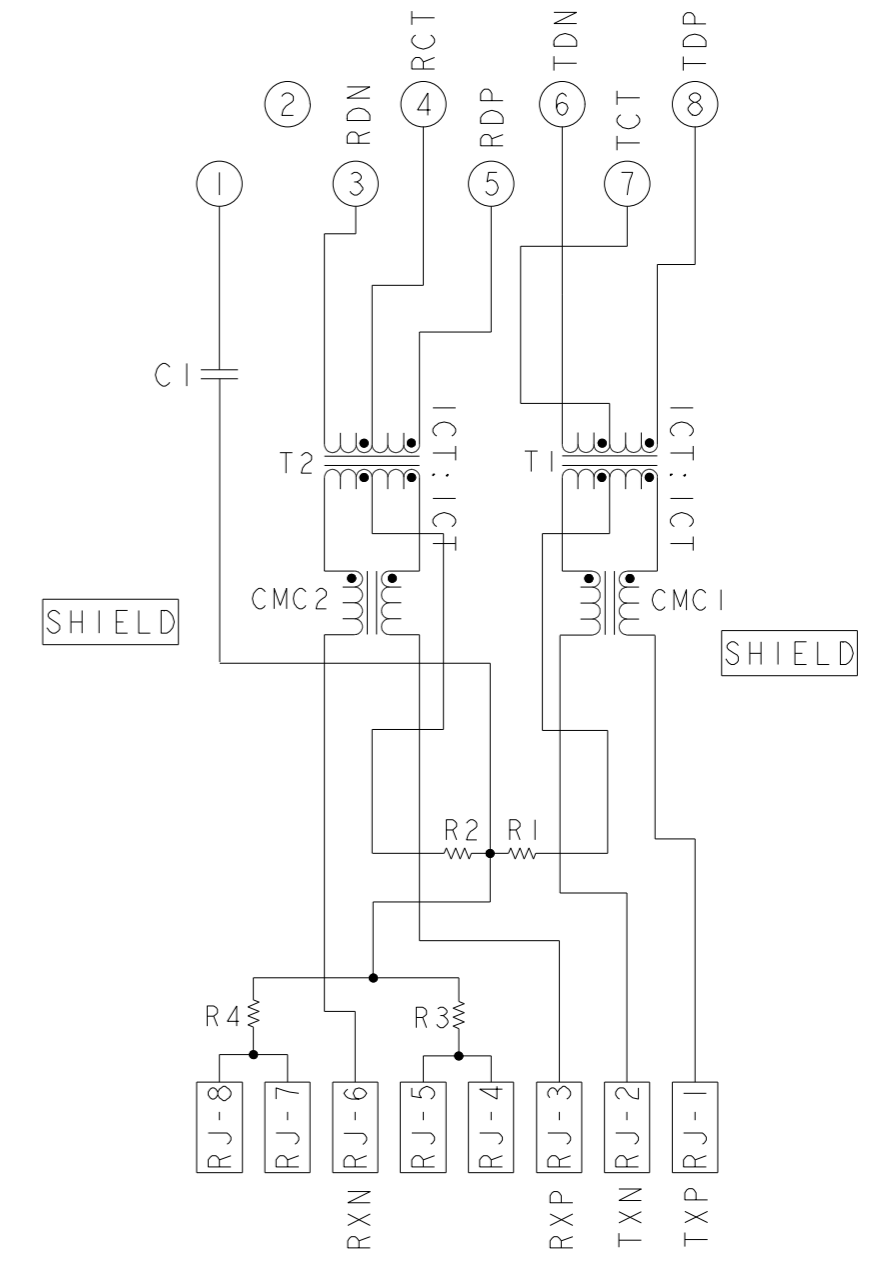
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ROY LIU 03JUN2013	trp CONNECTOR a bel group		DONGGUAN CHINA
DIMENSIONS: mm		CHK TOWER YU / FRANK LIU 03JUN2013	MODEL NAME MAGJACK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD TONY YUAN 03JUN2013	DESC 1X1 726P7 10/100 TAB UP W/ LED		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±		SIZE A 1			
PRODUCT SPEC		APPLICATION SPEC		CAGE CODE DRAWING NO SCALE 4:1	
		SINGLE NON-POE		SHEET 1 OF 3	
		CUSTOMER DRAWING		REV 2	



SUGGESTED PCB LAYOUT




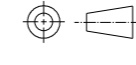
726P7 SERIES MAGNETIC CIRCUIT



C1 = 1000 pF, 2kV CAPACITOR
R1-R4 = 75 OHMS, RESISTORS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU 03 JUN 2013	 DONGGUAN CHINA
DIMENSIONS: mm		CHK TOWER YU / FRANK LIU 03 JUN 2013	
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 ±°		APPROV TONY YUAN 03 JUN 2013	
PRODUCT SPEC	APPLICATION SPEC	MODEL NAME MAGJACK	DESC 1X1 726P7 10/100 TAB UP W/ LED
		SIZE A1	RESTRICTED TO
		CAGE CODE C=2250032	
		CUSTOMER DRAWING	SCALE 4:1 SHEET 2 OF 3 REV 2

C_2250032					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)
03JUN2013	1	-	INITIAL RELEASE	TONY YUAN	-	-	-	-
31DEC2014	2	EC-1411035 COMPANY LOGO CHANGE	MARKET REQUEST	TONY YUAN	-	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROY LIU 03JUN2013		 trp CONNECTOR <small>a bel group</small>	DONGGUAN CHINA	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			CHK TOWER YU/ FRANK LIU 03JUN2013	
		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±°			APVD TONY YUAN 03JUN2013	
PRODUCT SPEC		APPLICATION SPEC		MODEL NAME MAGJACK		DESC IXI 726P7 10/100 TAB UP W/ LED
				SIZE A1		CAGE CODE C=2250032
				CUSTOMER DRAWING		RESTRICTED TO -
				SCALE 4:1		SHEET 3 OF 3
				REV 2		