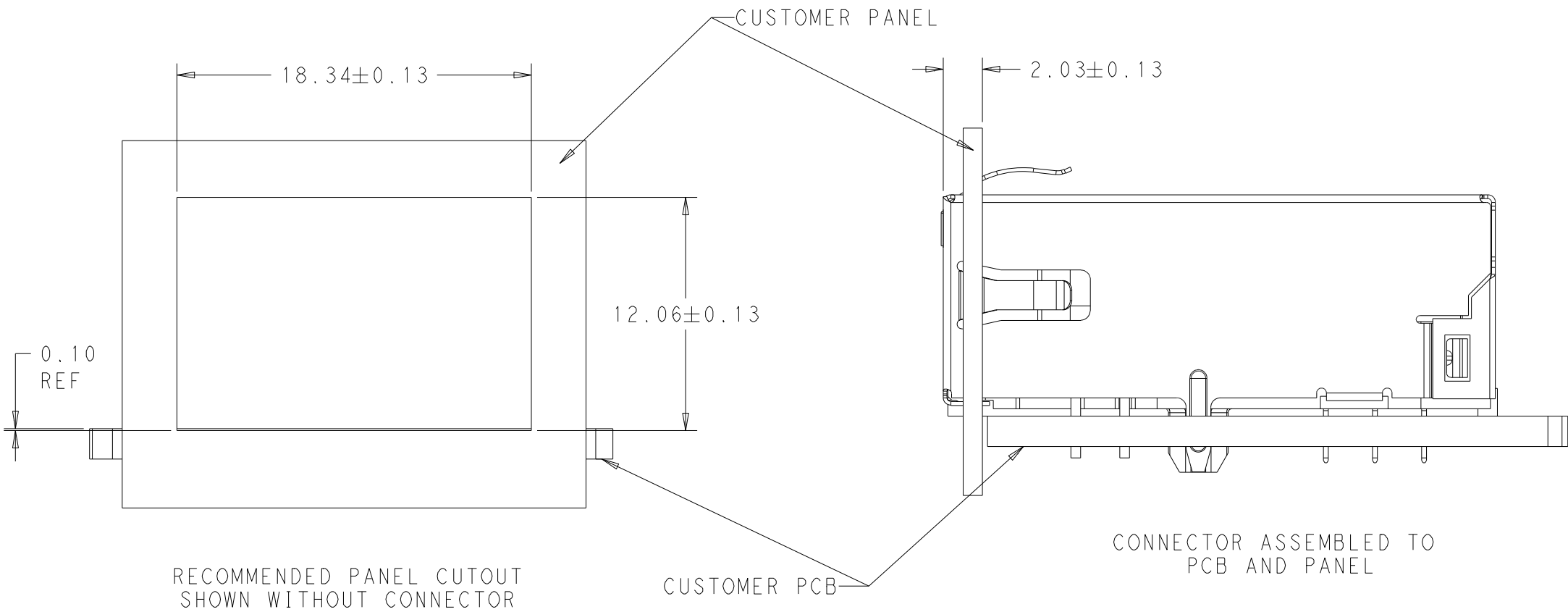
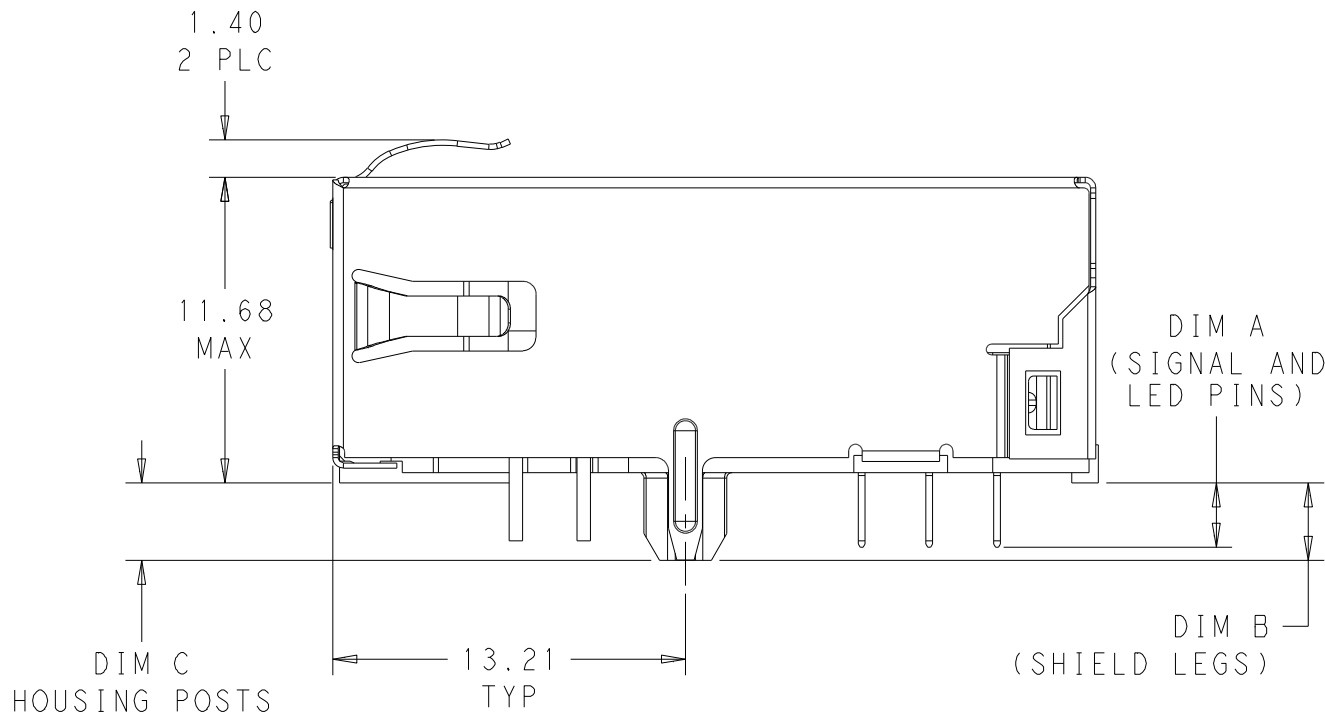
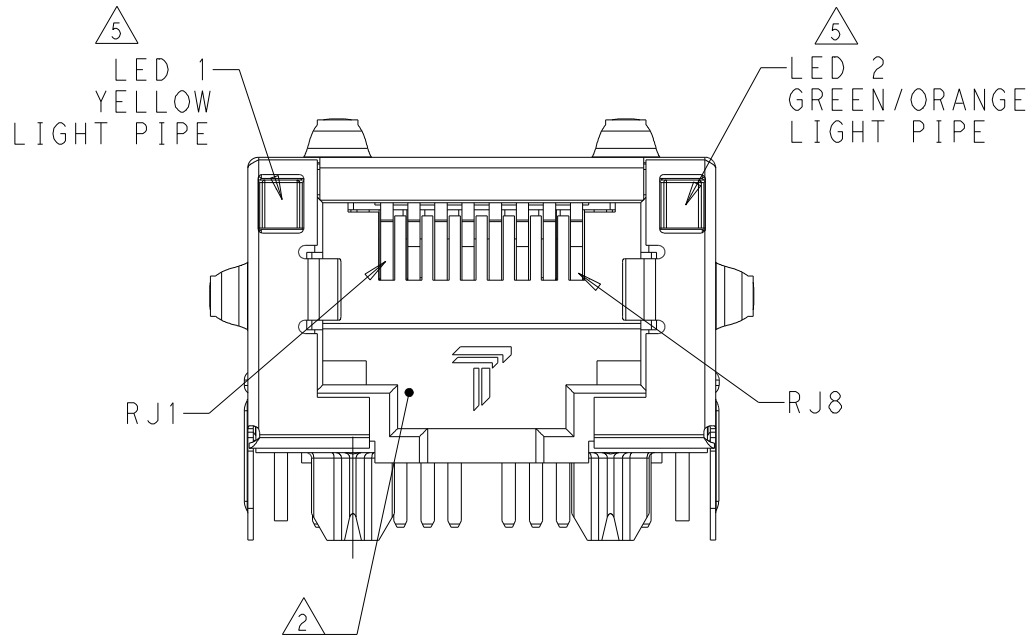
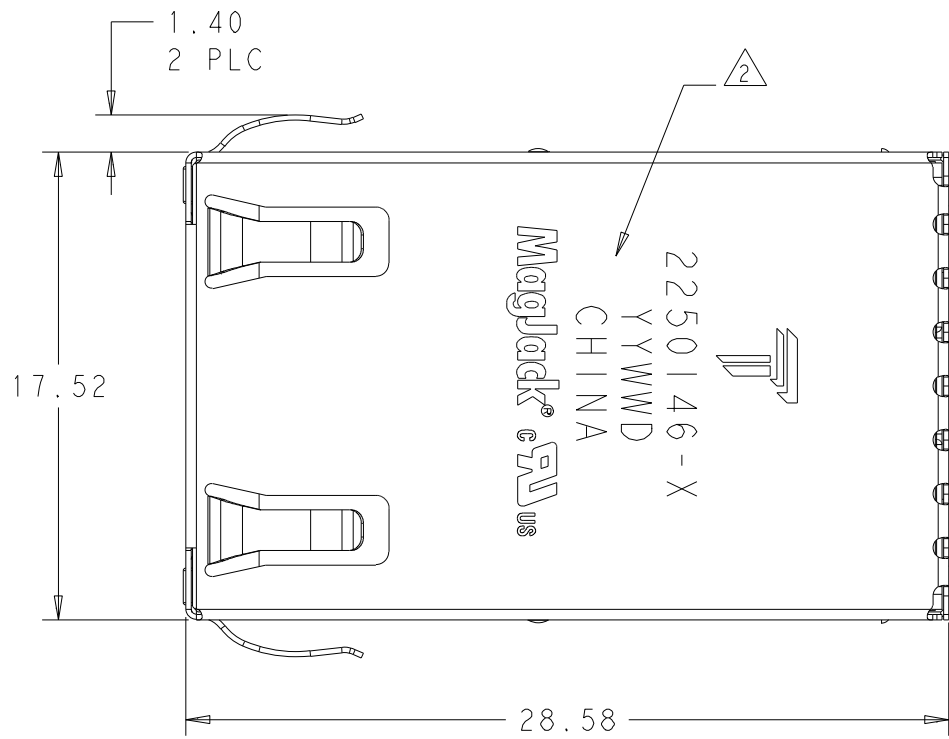
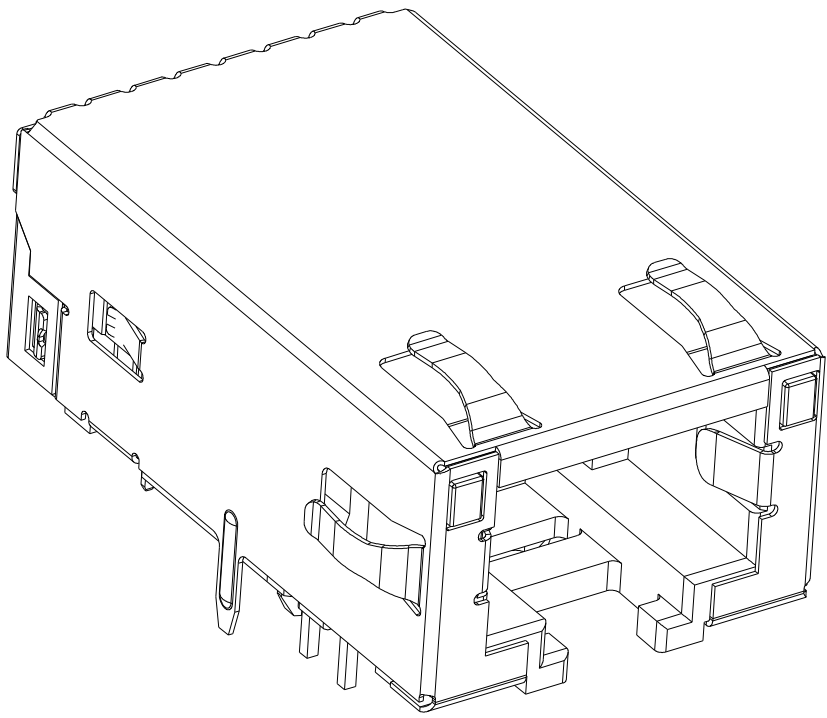


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:  
5736910 5939955 6425781 6428361 6554638 6840817 7123117  
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN APVD
2		EC-1411035 COMPANY LOGO CHANGE	05JAN2015	DP TY



1. MATERIALS:
- HOUSING: HIGH TEMPERATURE NYLON, BLACK, UL 94V-0
  - SHIELD: 0.20mm THICK, BRASS PREPLATED WITH 0.76um MIN SEMI-BRIGHT NICKEL; POST-DIPPED WITH 2um MIN SAC ALLOY LEAD FREE SOLDER
  - CONTACT TAILS: 0.25mm THICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL UNDERPLATE, 3um MIN TIN PLATE
  - MOD JACK CONTACTS: 0.3mm THICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL UNDERPLATE, WITH 0.76um MIN LOCALIZED GOLD PLATE AT PLUG INTERFACE
  - LIGHT PIPE: POLYETHER SULFONE

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

- 3 MAGNETICS:
- APPLICATION: 1G/10G BASE-T
  - IMPEDANCE: 100 OHMS
  - TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
  - OPEN CIRCUIT INDUCTANCE (OCL): 160uH MIN @ 100kHz, 0.1VRMS, 8mADC BIAS @ FROM 0°C TO 70°C, ALL FOUR PAIRS
  - ALL FOUR PAIRS BI-DIRECTIONAL
  - PERFORMANCE @ 25 °C: PLEASE REFER TO SEPARATE SHEET
  - ISOLATION VOLTAGE: 2250V DC FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC

4. OPERATING TEMPERATURE: FROM 0°C TO 70°C


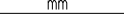
- 5 LIGHT PIPES ARE USED TO TRANSMIT LIGHT OF LED.  
LEDS ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.  
LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 567nm TYP. at IF=20mA  
FORWARD VOLTAGE (VF): GREEN 2.2V TYP. at IF=20mA  
DOMINANT WAVELENGTH (λD): YELLOW 587nm TYP. at IF=20mA  
FORWARD VOLTAGE (VF): YELLOW 2.1V TYP. at IF=20mA  
DOMINANT WAVELENGTH (λD): ORANGE 605 nm TYP @ IF=20 mA  
FORWARD VOLTAGE (VF): ORANGE 2.1V TYP @ IF=20 mA

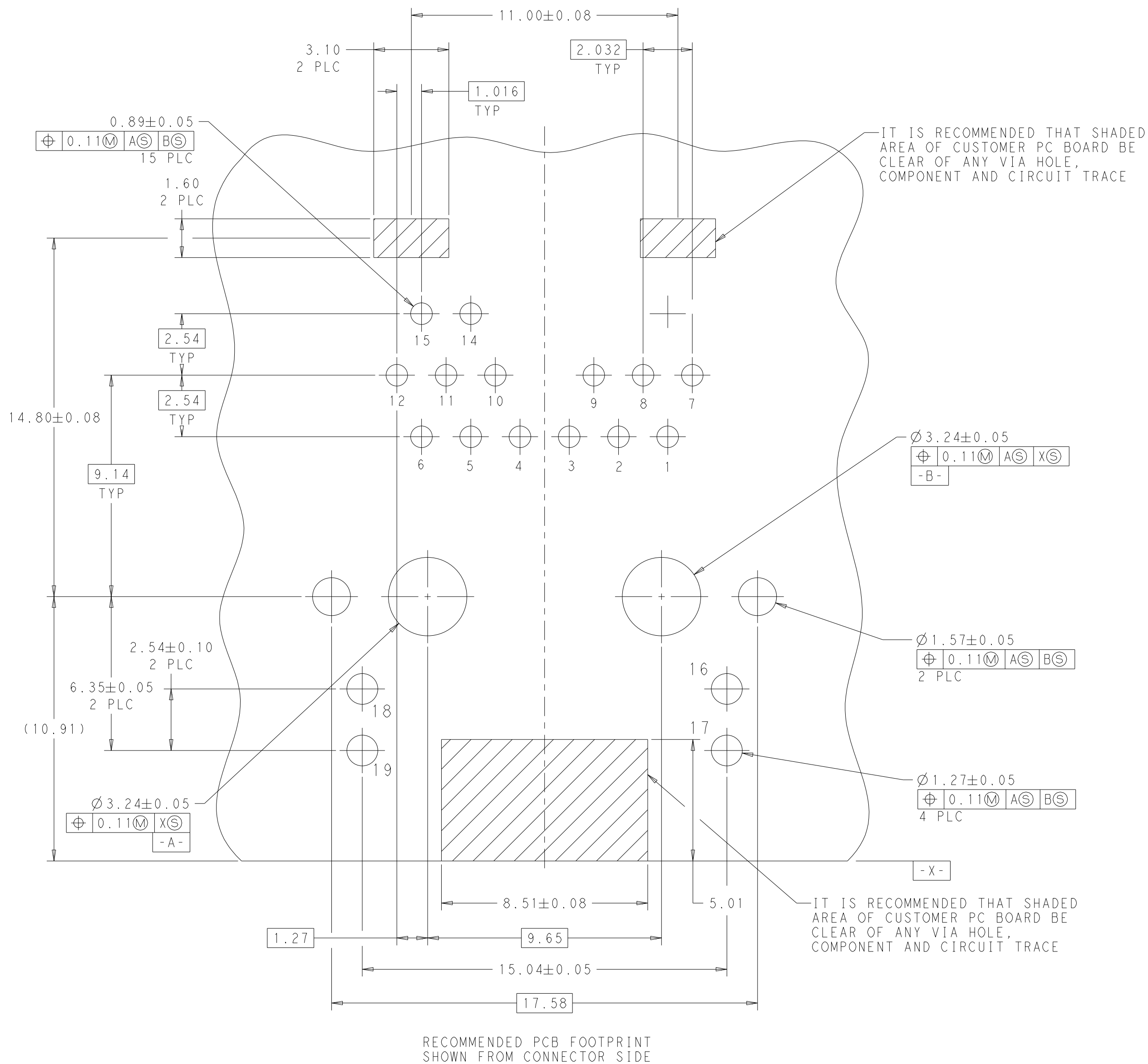
6. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.

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

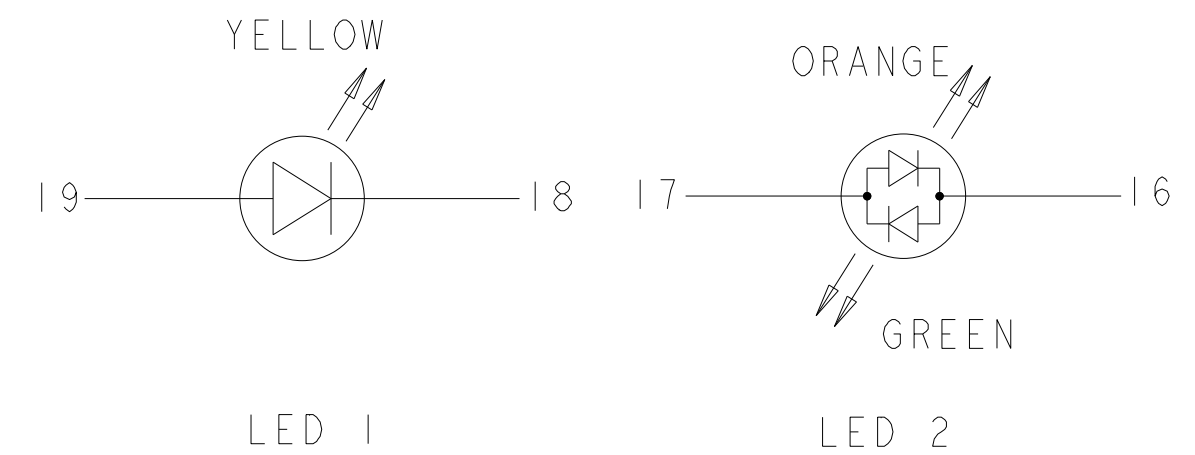
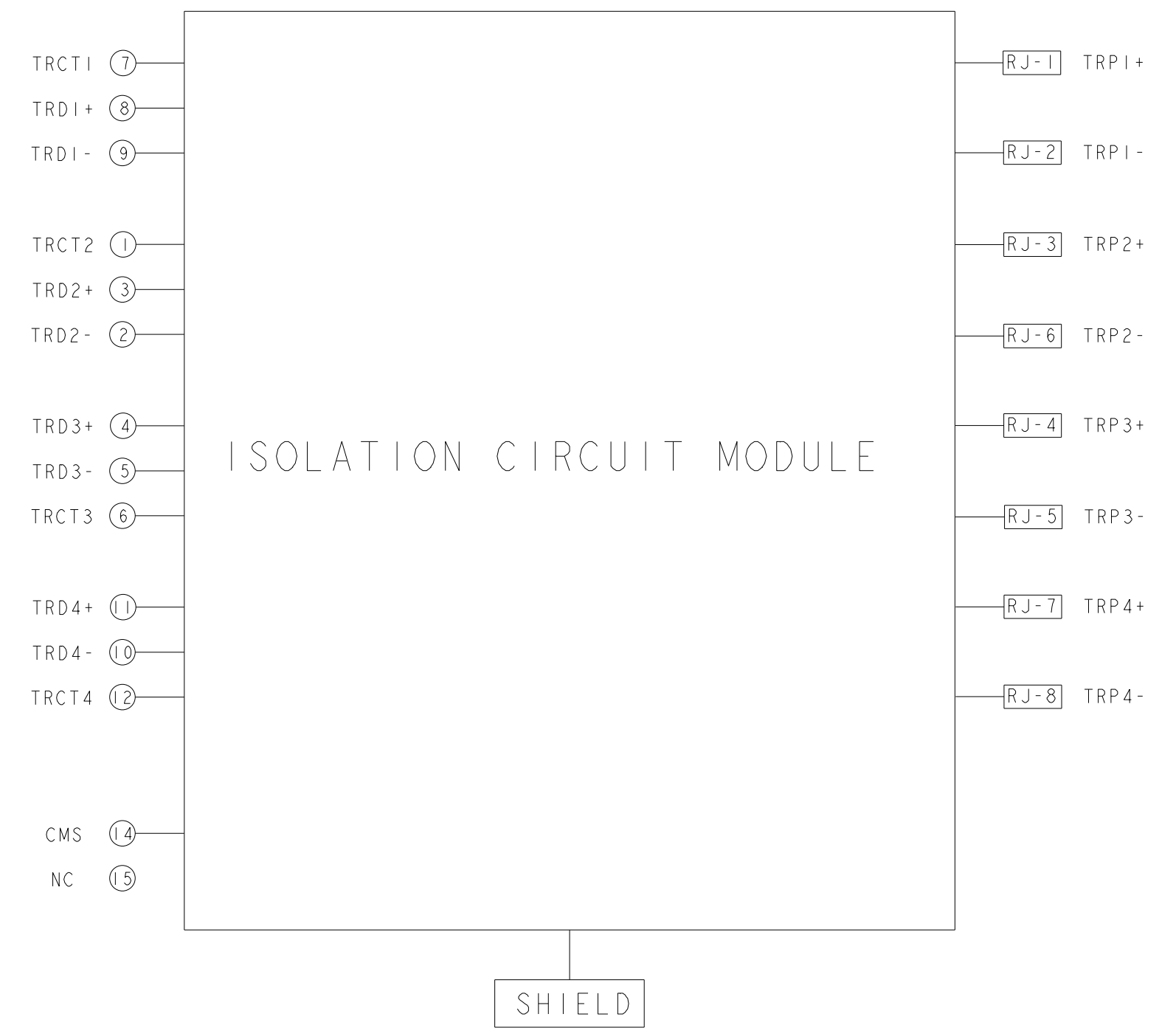
8. PART SHOULD BE RECOMMENDED FOR REFLOW SOLDERING PROCESS, PEAK REFLOW SOLDERING TEMPERATURE 260°C MAX, 10 SECONDS MAX.


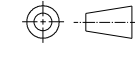
3.30	3.18	3.18	2250146-1
DIM C	DIM B	DIM A	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN TOM HSU/ XENIA WANG 23JAN2014			<b>trp</b> a bel group	DONGGUAN CHINA		
DIMENSIONS: mm		CHK TOWER YU 23JAN2014						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD BILL LIU 23JAN2014		DESC IXI 1TG24 10G TAB DOWN LOW PROFILE W/ LED			
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ± APPLICATION SPEC		MODEL NAME MAGJACK					
PRODUCT SPEC			SINGLE NON-POE		SIZE A1	CAGE CODE C	DRAWING NO 2250146	RESTRICTED TO -
CUSTOMER DRAWING					SCALE 5:1	SHEET 1	OF 2	REV 2



### 1TG24 10G BASE-T CIRCUIT



THIS DRAWING IS A CONTROLLED DOCUMENT.				DWY TOM HSU/ XENIA WANG 23JAN2014				 <b>trp</b> CONNECTOR				DONGGUAN CHINA			
DIMENSIONS:				CHK TOWER YU 23JAN2014				DESC IX1 1TG24 10G TAB DOWN LOW PROFILE W/ LED				RESTRICTED TO			
mm				APVD BILL LIU 23JAN2014				SIZE CAGE CODE DRAWING NO				REV 2			
				MODEL NAME				SINGLE NON-POE				-			
PRODUCT SPEC				MAGJACK				A1				-			
APPLICATION SPEC				CUSTOMER DRAWING				SCALE 5:1 SHEET 2 OF 2				REV 2			