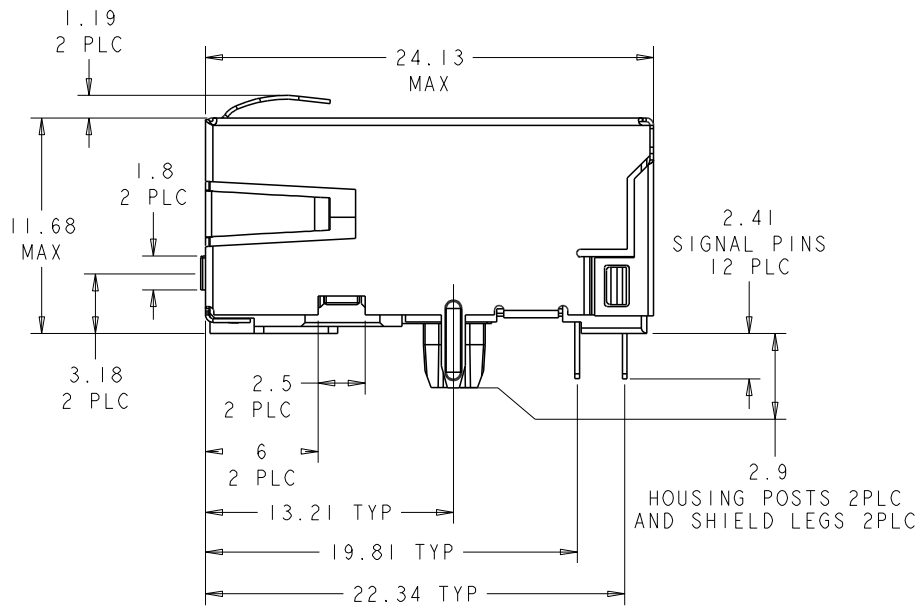
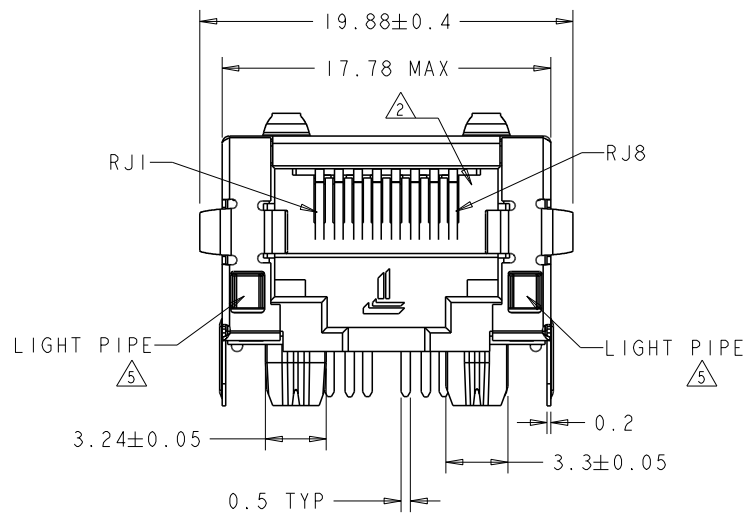
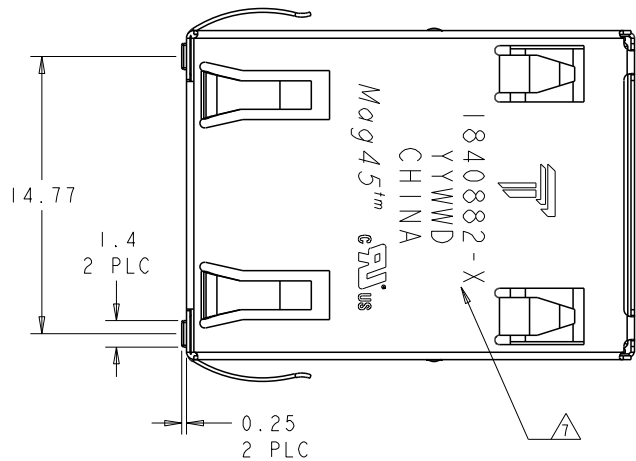
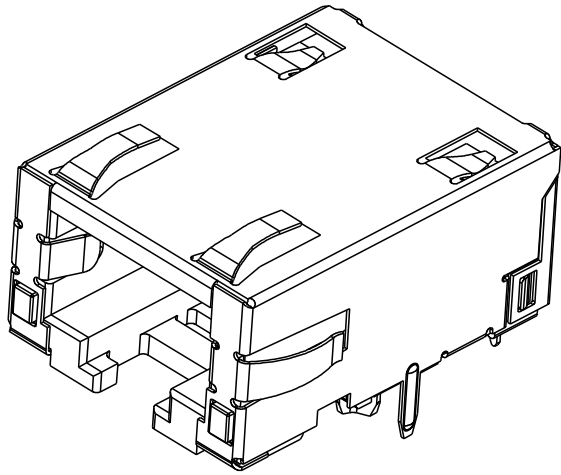
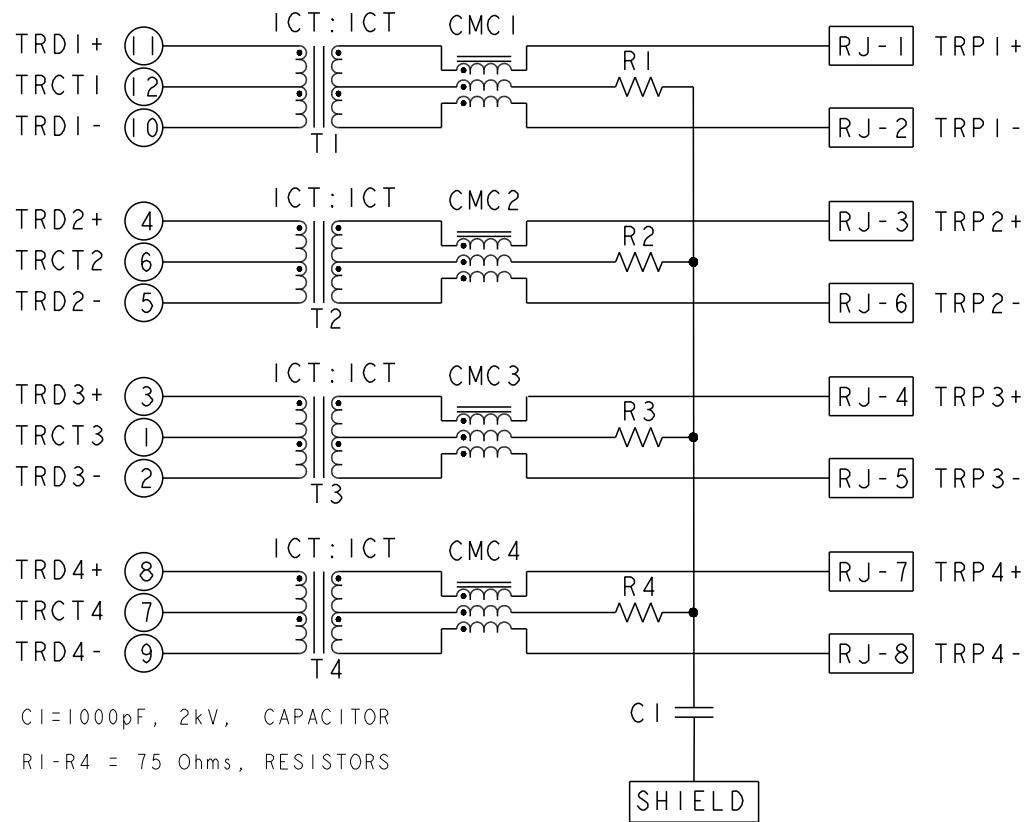


REVISONS				
P	LYR	DESCRIPTION	DATE	OWN
D		LOGO CHANGE	24APR2013	TY



8G18 GIGABIT CIRCUIT



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

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

- △ 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-DIRECTINAL
 - 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 (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC

△ OPERATING TEMPERATURE: FROM 0°C TO 70°C

△ LIGHT PIPES ARE USED TO TRANSMIT LIGHT OF SMD LED'S MOUNTED ON CUSTOMER BOARD.

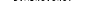
△ ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.

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

WITH TRAY	1840882-2
WITH REEL	1840882-1
PACKAGE	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: 17NOV2010 ROY LIU/COLIN ZHOU CHK: 17NOV2010 TOWER YU APPRO: 17NOV2010 KEITH ZHU	TRP connector Dongguan China	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.25 1 PLC ±.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.25	PRODUCT SPEC 108-2207 APPLICATION SPEC	NAME IXI MAG45(TM), MODULAR JACK, 8G18 SERIES GIGABIT CIRCUIT	RESTRICTED TO
MATERIAL : △	FINISH : △	WEIGHT -	SIZE A1	SCALE NTS
CUSTOMER DRAWING		SHEET 1 OF 2 REV D		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17NOV2010 ROY L IUI/COLIN ZHOU CHK 17NOV2010 TOWER TV APVD KEITH ZHU 17NOV2010		 TRP connector Dongguan China	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±°		NAME 1X1 MAG45(TM), MODULAR JACK, 8G18 SERIES GIGABIT CIRCUIT	
		PRODUCT SPEC 108-2207 APPLICATION SPEC		SIZE A1	
MATERIAL -		FINISH -		CAGE CODE C=1840882	
WEIGHT -		RESTRICTED TO -		SCALE NTS	
CUSTOMER DRAWING		SHEET 2 OF 2		REV D	