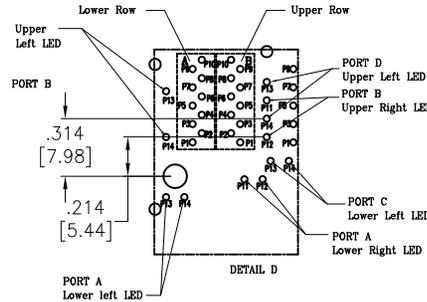
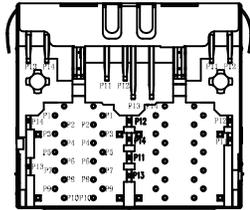
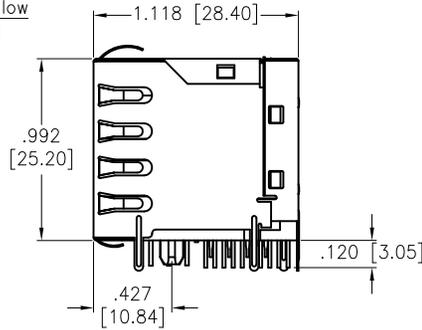
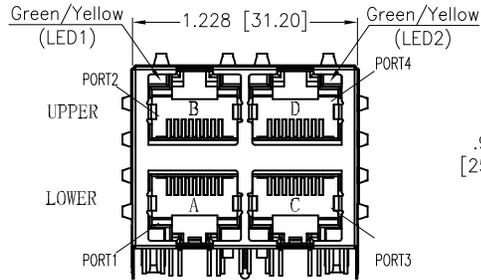


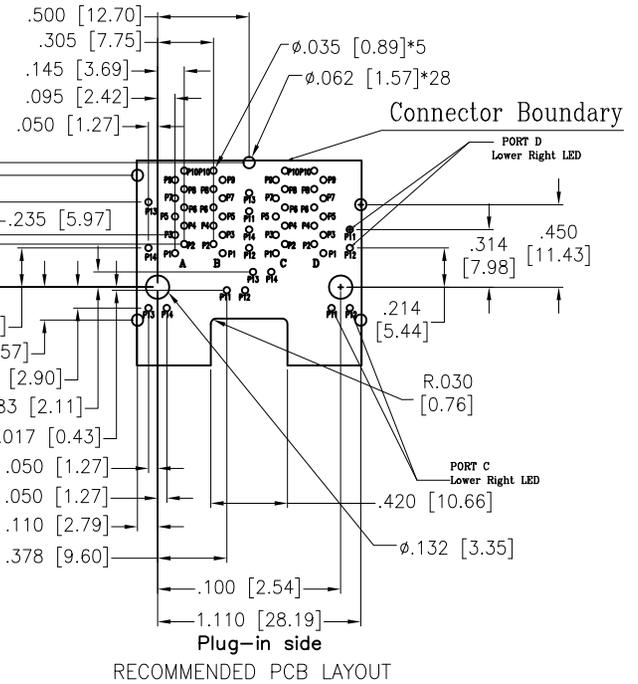
APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/26/16	



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE INCHES [MM]  
 TOLERANCES: EXCEPT AS NOTED  
 INCHES HOLES  
 .X ± .10 Ø.X ± .10  
 .XX ± .020 Ø.XX ± .015  
 .XXX ± .015 Ø.XXX ± .010



**SPECIFICATIONS:**  
 Material:  
 Insulator: Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Phosphor Bronze  
 Shield: Brass, Nickel plated  
 Plating:  
 Round contact  
 Gold over Nickel underplate overall  
 Flat contact  
 Gold over Nickel underplate on contact area,  
 Tin over Nickel underplate on solder tails  
 (See chart for thickness)  
 Electrical:  
 Voltage rating: 150 VAC rms  
 Contact resistance: 20 mohms max  
 Insulation resistance: 1000 Mohms min  
 Dielectric withstanding voltage: 2250 VDC for 1 minute  
 Temperature Rating:  
 Operating temperature: 0°C to +70°C  
 Environmental:  
 Lead free, RoHS compliant.

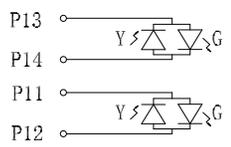
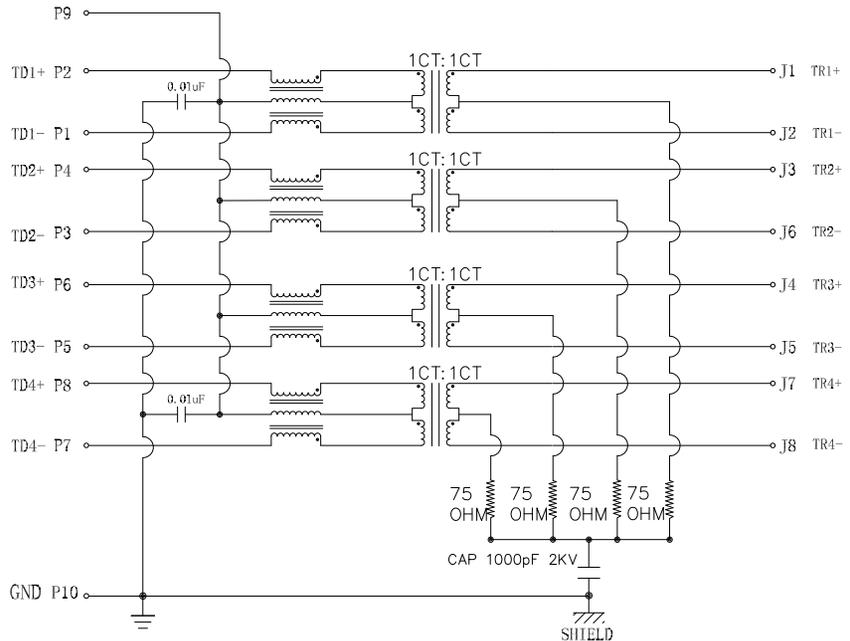


TITLE MODULAR JACK GANGED, 4 PORT, 8P8C W/ LED1 GREEN/YELLOW, LED2 GREEN/YELLOW		
SIZE	PART NO.	REV.
X	MTJG-4-88JX1-V-FSG-PG-L16-M312	-
REF:	S00005C	SCALE: NTS
SHEET 1 OF 2		

APPROVALS		DATE
DRAWN	AY	10/26/16
CHECKED	TW	10/26/16
APPROVED		

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



Pin	Green	Yellow		Green	Yellow
P11	+	-	P13	+	-
P12	-	+	P14	-	+

**Electronical Specifications:**

- Turn Ratio @100KHz: (P2~P1):(J1~J2) = 1:1±5%  
 (P4~P3):(J3~J6) = 1:1±5%  
 (P6~P5):(J4~J5) = 1:1±5%  
 (P8~P7):(J7~J8) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance: 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.0dB MAX  
 100-125MHz -1.2dB MAX
- Return Loss: 1-40MHz -16dB MIN  
 40-60MHz -12dB MIN  
 60-80MHz -10dB MIN  
 80-100MHz -8dB MIN
- Cross Talk: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 2250VDC

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES HOLES	
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010
APPROVALS	
DRAWN	AY
CHECKED	TW
APPROVED	
DATE	
10/26/16	



TITLE: MODULAR JACK GANGED, 4 PORT, 8P8C  
 W/ LED1 GREEN/YELLOW, LED2 GREEN/YELLOW

SIZE	PART NO.	REV.
X	MTJG-4-88JX1-V-FSG-PG-L16-M312	-

REF: S00005C SCALE: NTS SHEET 2 OF 2