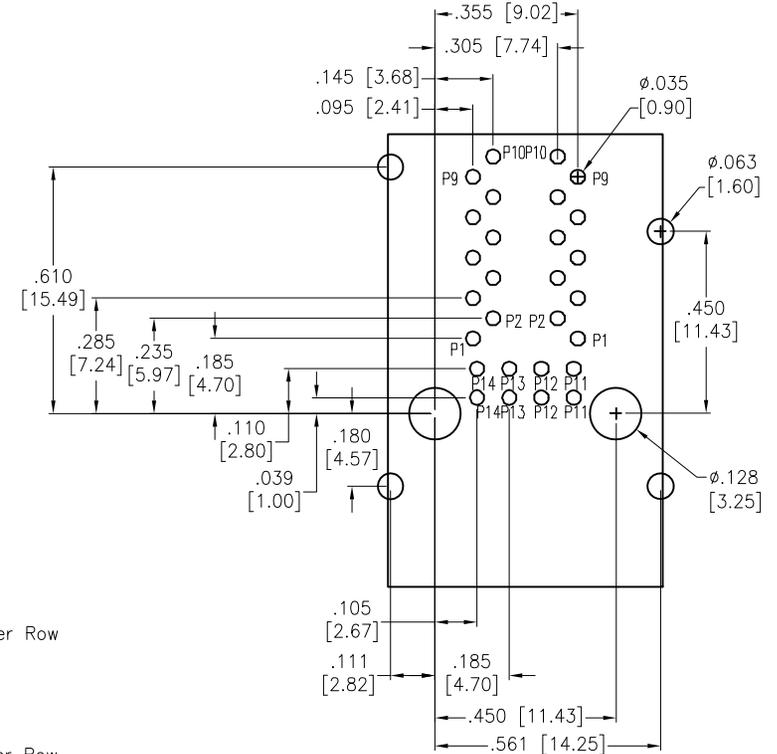
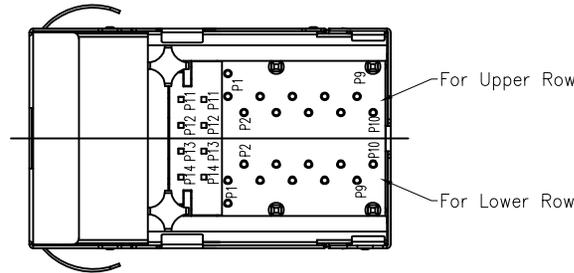
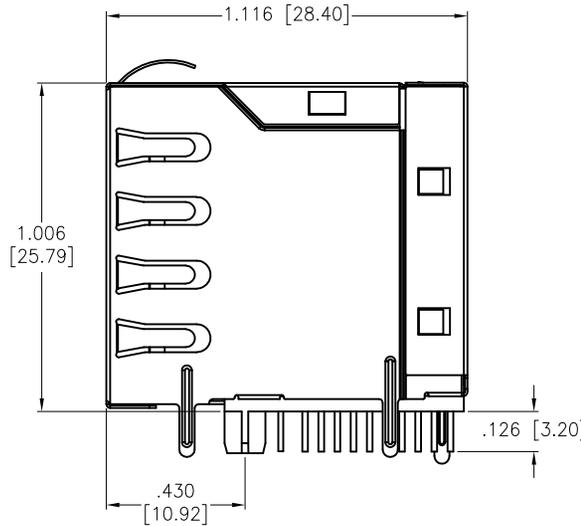
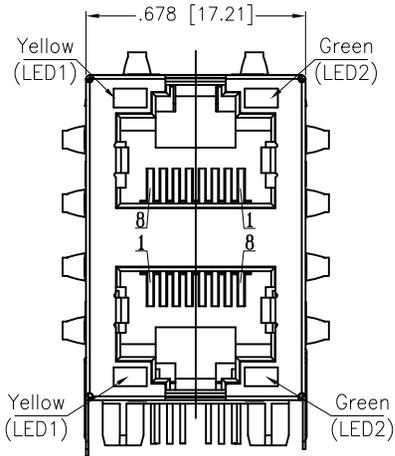


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	03/13/13	
A		UPDATED SPEC.	11/6/17	HR/OC
B		UPDATED SHAPE	11/10/17	HR/OC



RECOMMENDED PCB LAYOUT

**SPECIFICATIONS:**

Material:  
 Insulator: Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 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  
 Electrical:  
 Voltage rating: 150 VAC max  
 Contact Resistance: 20 mohms max  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 2,250 VDC  
 Temperature Rating:  
 Operating temperature: 0°C to +70°C  
 Environmental:  
 Lead free, RoHS compliant.

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



TITLE  
**MODULAR JACK GANGED, 2 PORT, 8P8C  
 W/ LED1 YELLOW LED2 GREEN**

APPROVALS		DATE
DRAWN	TW	03/13/13
CHECKED	CC	03/13/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-2-88JX1-V-FSG-PG-LG-M195	B

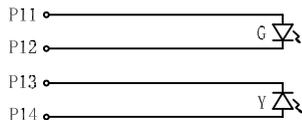
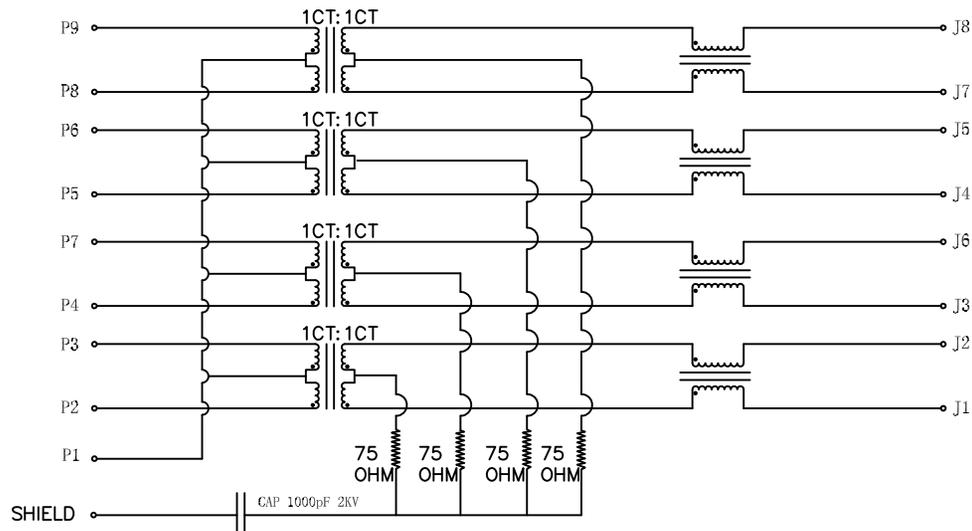
REF: S00005C    SCALE: NTS    SHEET 1 OF 2

APPROVED: \_\_\_\_\_

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

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



Pin	Green	Yellow
P11	+	P13 -
P12	-	P14 +

Electronical Specifications:

- Turn Ratio @100KHz: (P2~P3):(J1~J2) = 1:1±5%  
(P4~P7):(J3~J6) = 1:1±5%  
(P5~P6):(J4~J5) = 1:1±5%  
(P8~P9):(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



TITLE  
MODULAR JACK GANGED, 2 PORT, 8P8C  
W/ LED1 YELLOW LED2 GREEN

APPROVALS		DATE
DRAWN	TW	03/13/13
CHECKED	CC	03/13/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-2-88JX1-V-FSG-PG-LG-M195	B
REF: S00005C	SCALE: NTS	SHEET 2 OF 2