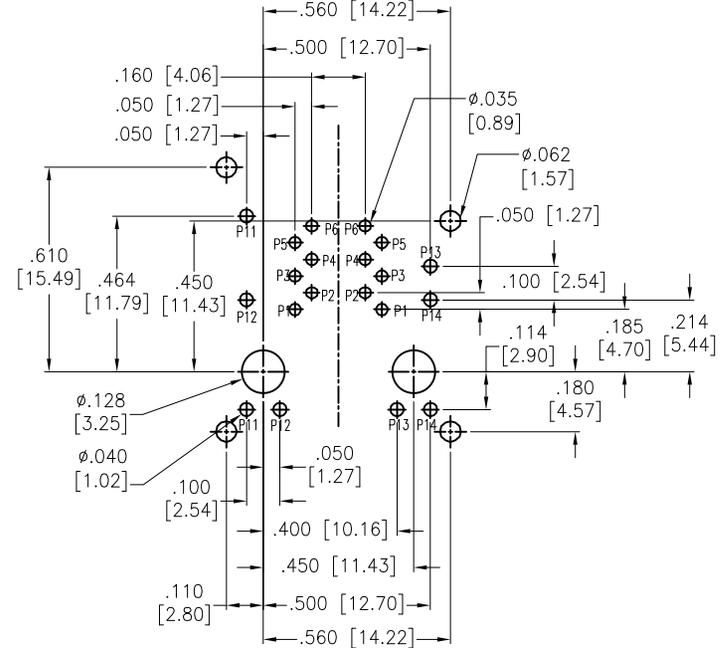
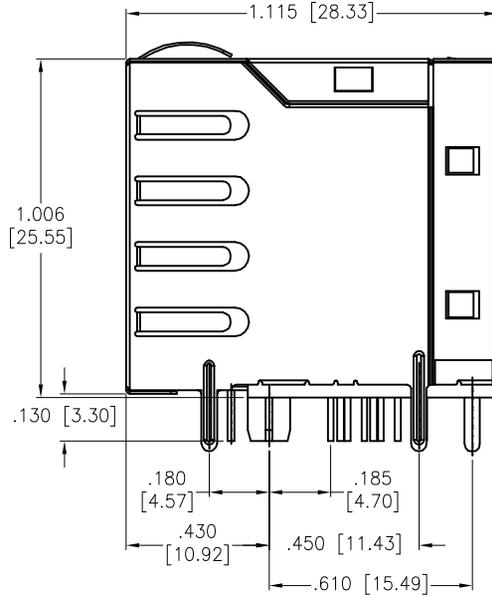
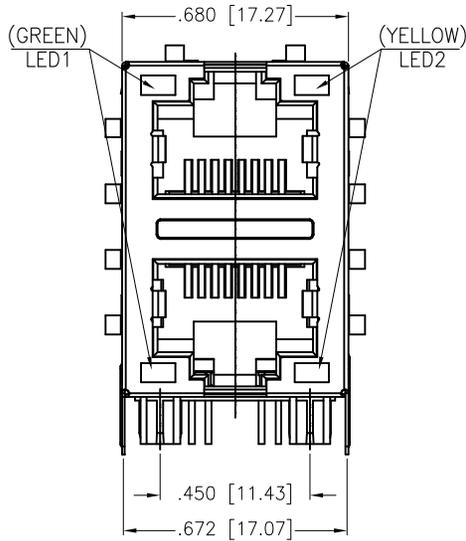


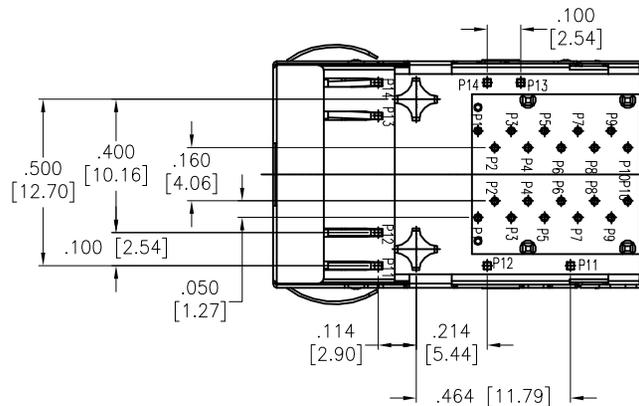
APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/14/16	
A		UPDATED TEMPERATURE	4/18/16	HR/YC



RECOMMENDED PCB LAYOUT

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



SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0
 Housing Color: Black
 Inserter: PBT, rated UL 94V-0
 Inserter 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
 (See chart for thickness)

Electrical:
 Operating voltage: 125 VAC max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC or 2250 VDC for 1 minute
 Temperature Rating:
 Operating temperature: -40°C to +85°C
 Storage temperature: -40°C to +85°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

APPROVALS		DATE
DRAWN	HR	4/14/16
CHECKED	YC	4/14/16
APPROVED		



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

SIZE	PART NO.	REV.
X	MTJG-2-88JX1-V-FSG-LH-M243C	A

REF: S00005C SCALE: NTS SHEET 1 OF 2

6

5

4

3

2

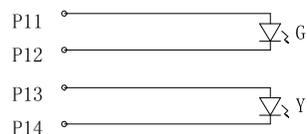
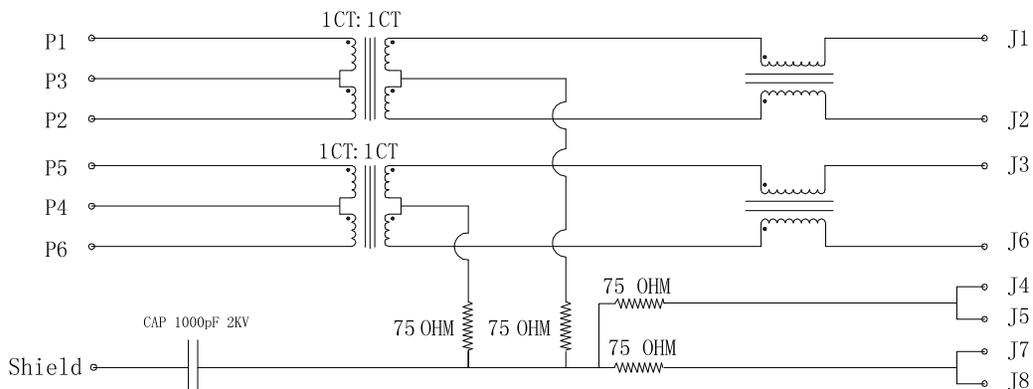
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APPROVED: _____

DATE: _____ TITLE: _____

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



LED1	Green	LED2	Yellow
P11	+	P13	+
P12	-	P14	-

Electronical Specifications:

- 1.0 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P5~P6):(J3~J6) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3.0 DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4.0 Insertion Loss: 1-100MHz -1.2dB MAX
- 5.0 Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 Isolation: PHY Side to Line Side: 1500VAC or 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 GREEN LED2 YELLOW

APPROVALS		DATE
DRAWN	HR	4/14/16
CHECKED	YC	4/14/16
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-2-88JX1-V-FSG-LH-M243C	A
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2

6

5

4

3

2

1