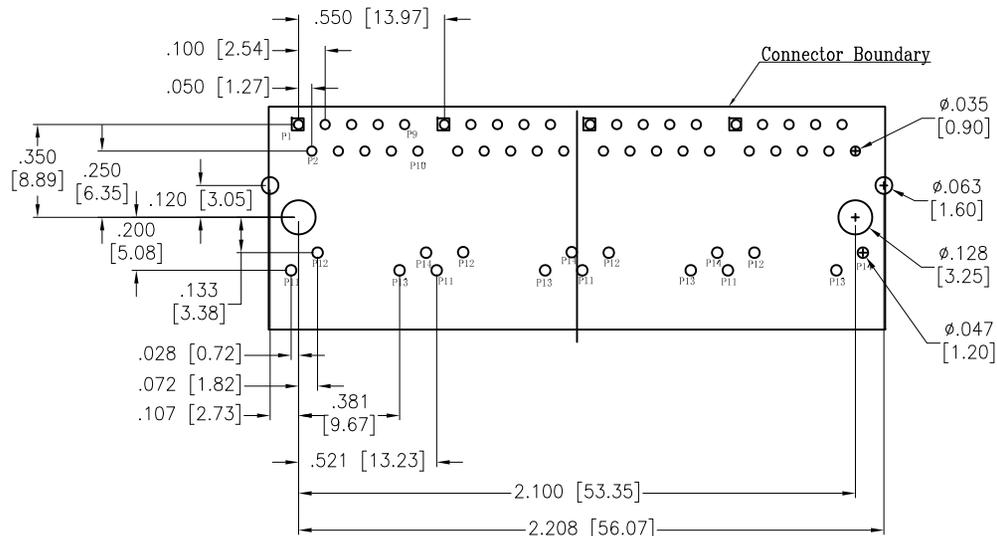
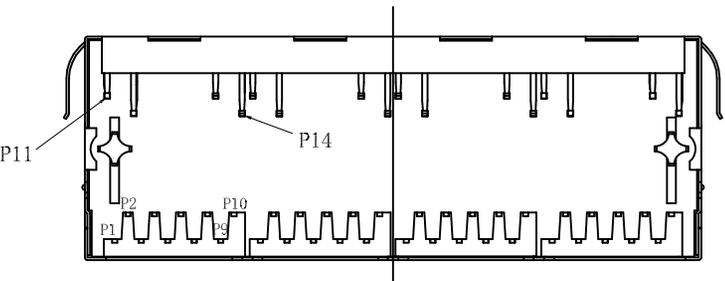
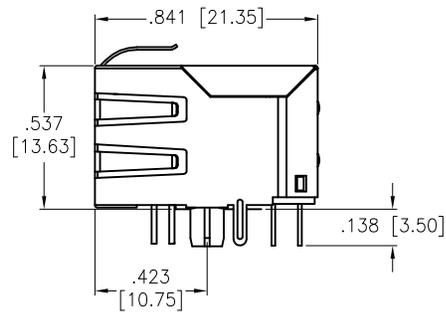
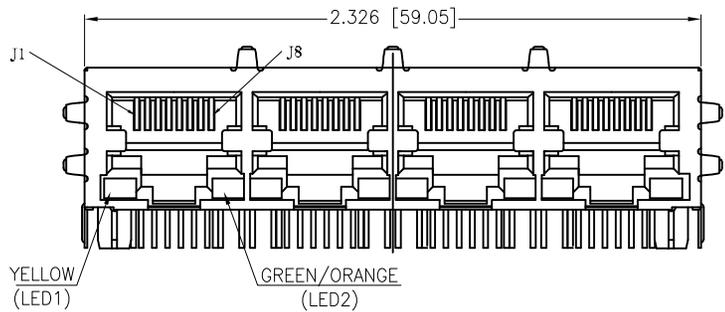


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/8/16	



RECOMMENDED PCB LAYOUT

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
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 2250 VDC for 1 minute
 Temperature Rating:
 Operating temperature: 0°C to +70°C
Environmental:
 Lead free, RoHS compliant.

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	∅.X ± .10
.XX ± .020	∅.XX ± .015
.XXX ± .015	∅.XXX ± .010



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

APPROVALS		DATE
DRAWN	HR	9/8/16
CHECKED	CH	9/8/16
APPROVED		

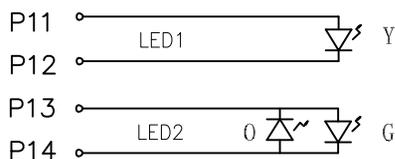
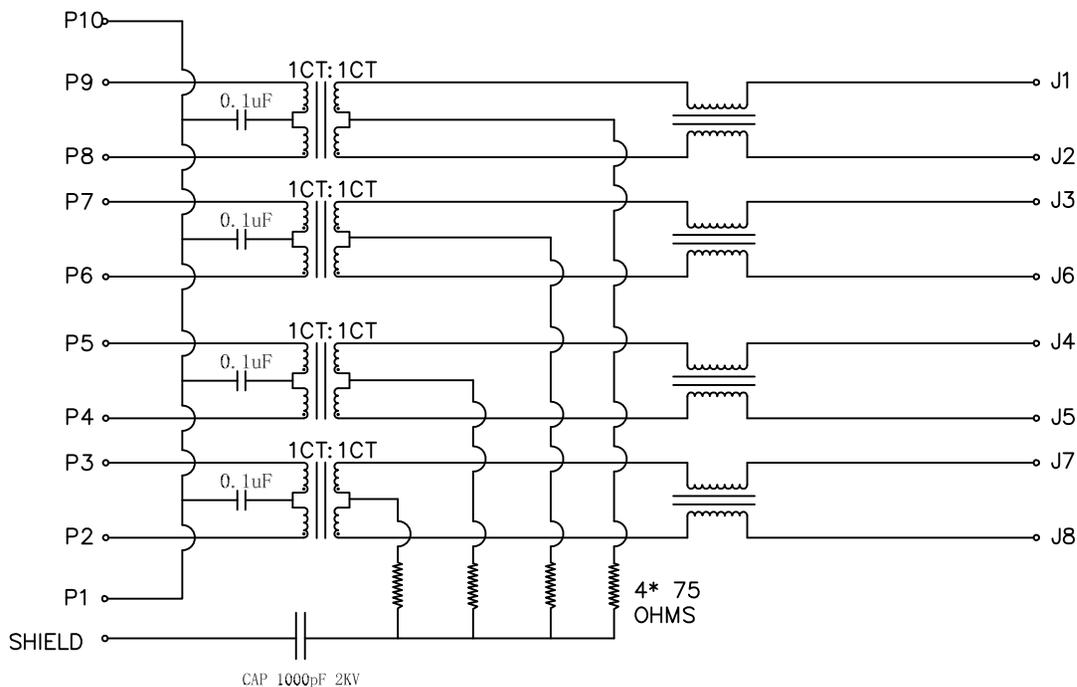
SIZE	PART NO.	REV.
X	MTJG-4-88TX1-FSD-PG-D1LM-M314-C1	-
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

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



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

ELECTRICAL SPECIFICATIONS:

- Turns Ratio @100KHz: (P9 ~ P8) : (J1 ~ J2) 1:1 ±5%
(P7 ~ P6) : (J3 ~ J6) 1:1 ±5%
(P5 ~ P4) : (J4 ~ J5) 1:1 ±5%
(P3 ~ P2) : (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	∅X ±.10
.XX ±.020	∅XX ±.015
.XXX ±.015	∅XXX ±.010



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

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APPROVED		

SIZE	PART NO.	REV.
X	MTJG-4-88TX1-FSD-PG-D1LM-M314-C1	-
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2