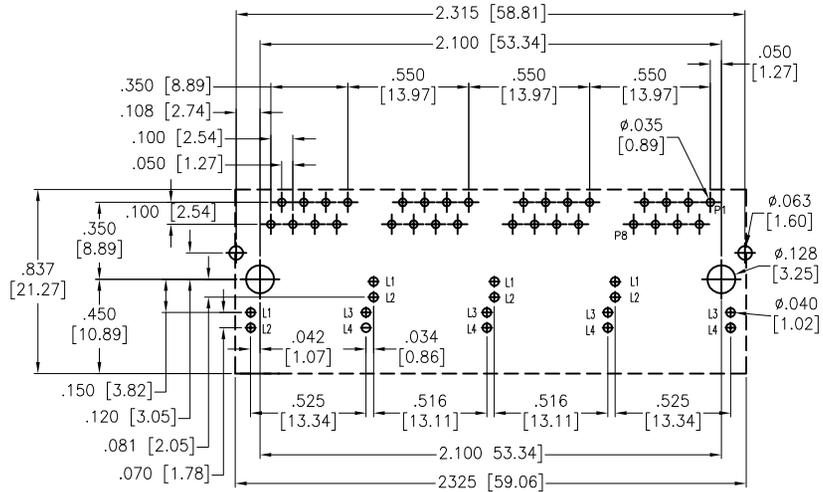
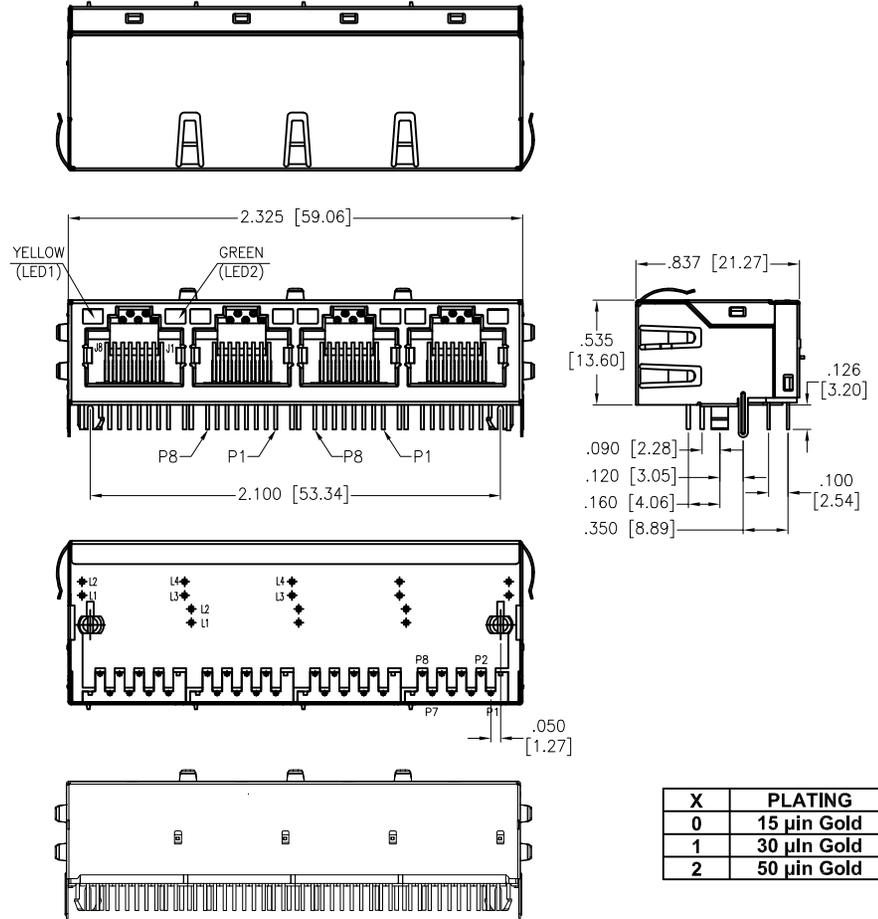


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/6/16	
A		UPDATED PINS	7/15/16	HR/TW



RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS:

Material:
 Insulator: Nylon46, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Shield: Copper Alloy, 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:
 Contact resistance: 30 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500VAC or 2250 VDC 1 minute
 Temperature Rating:
 Operating 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	7/6/16
CHECKED	TW	7/6/16
APPROVED		



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

SIZE	PART NO.	REV.
X	MTJG-4-88TUX1-FSD-PG-VLG-M5D	A
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

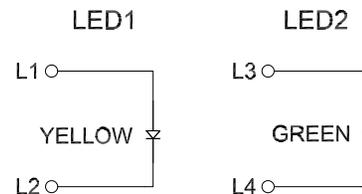
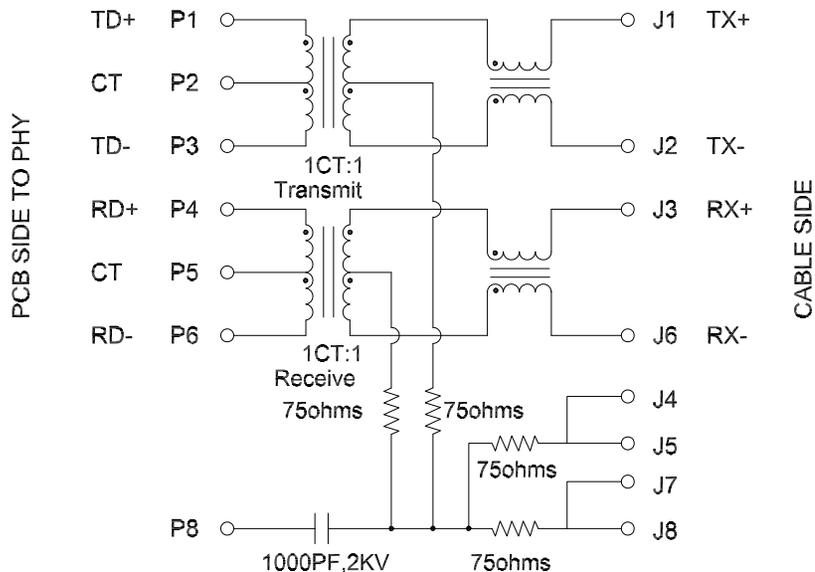
1

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

APPROVED: _____

DATE: _____ TITLE: _____



LED 1 POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	YELLOW	+	-	GREEN

ELECTRICAL SPECIFICATIONS @ 25±5°C

- Turns Ratio:
(P1 ~ P3):(J1 ~ J2) 1:1 ±3%
(P4 ~ P6):(J3 ~ J6) 1:1 ±3%
- Primary Inductance:
350uH min @ 100KHz, 100m VRMS, 8mA, DC Bias
- Hi-pot test:
PCB Side to Cable Side 2250 VDC
- Insertion Loss:
0.1 MHz to 100 MHz: -1.1 dB max
- Return Loss (Load 100ohms)
1 MHz to 30 MHz: -18 dB min
30 MHz to 60 MHz: -18+20Log(F/30)dB min
60 MHz to 80 MHz: -12 dB min
- CM to CM Rejection:
1 MHz to 100 MHz: -30 dB min
- CM to DM Rejection:
1 MHz to 100 MHz: -35 dB min
- Cross Talk:
1 MHz to 100 MHz: -35 dB min

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/LED 1 YELLOW, LED 2 GREEN

APPROVALS		DATE
DRAWN	HR	7/6/16
CHECKED	TW	7/6/16
APPROVED		

SIZE X	PART NO. MTJG-4-88TUX1-FSD-PG-VLG-M5D	REV. A
REF: S00167T	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1