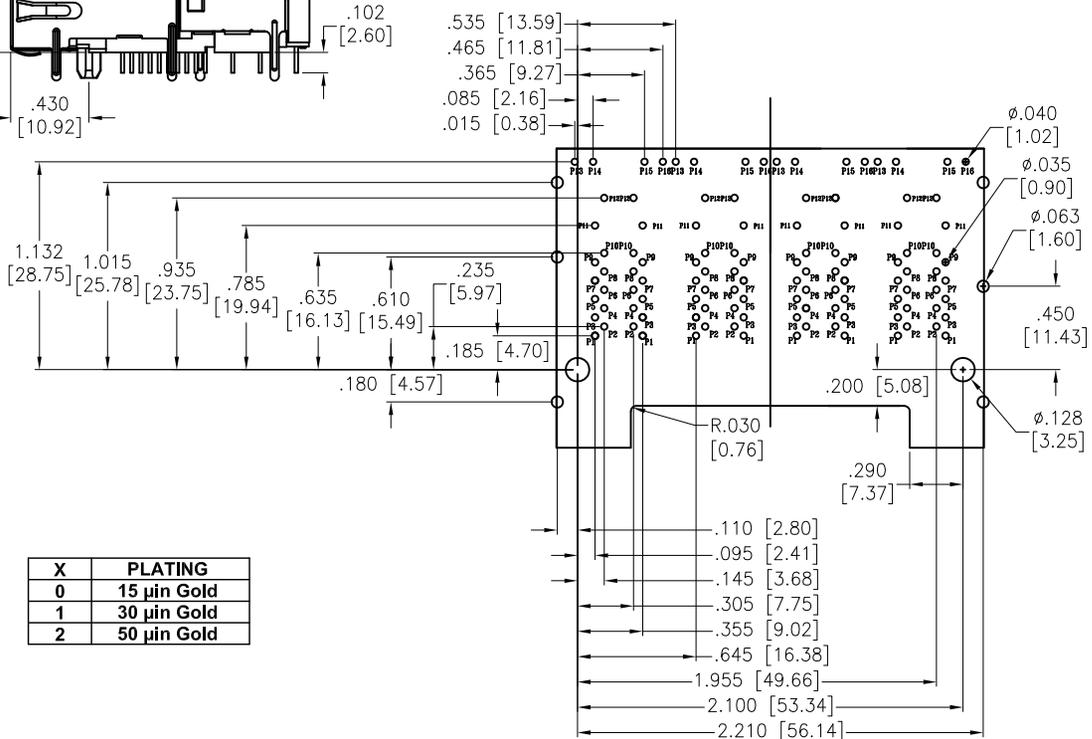
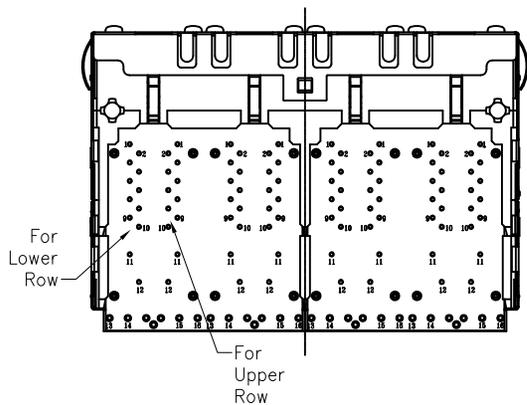
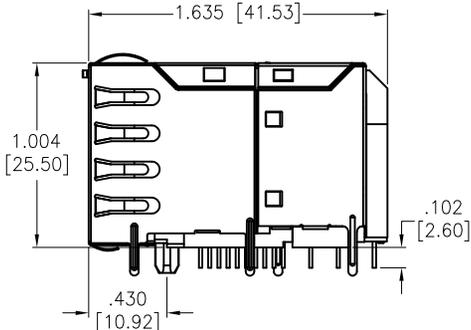
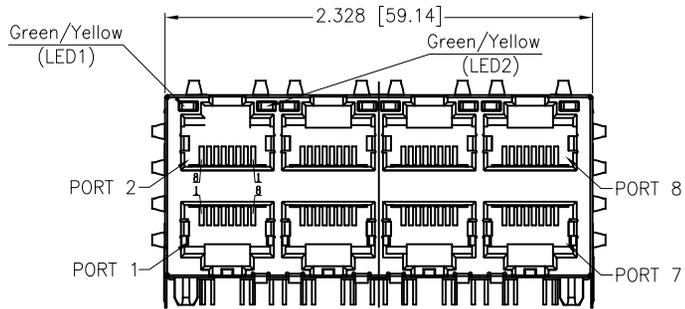


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/13/16	



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

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: 125 VAC max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 2,250 VDC for 1 minute
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.

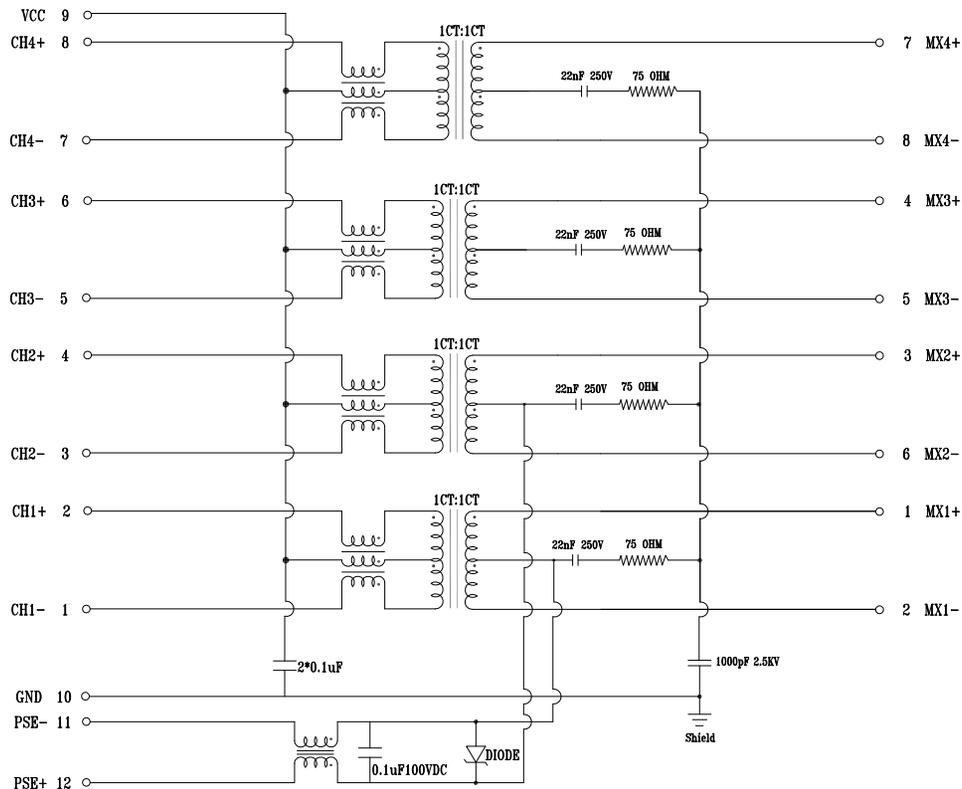


RECOMMENDED PCB LAYOUT

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED			
INCHES HOLES			
.X ± .10	∅X ± .10	TITLE MODULAR JACK GANGED, 8 PORT, 8P8C W/ LED1 GREEN/YELLOW LED2 GREEN/YELLOW	
.XX ± .020	∅XX ± .015	DRAWN HR 7/13/16	
.XXX ± .015	∅XXX ± .010	CHECKED OC 7/13/16	
APPROVALS DATE		SIZE PART NO. X MTJG-8-88JX1-V-FSG-PG-L16-M310C	
APPROVED		REF: S00005C SCALE: NTS SHEET 1 OF 2	

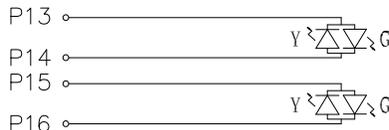
APPROVED: _____
 DATE: _____ TITLE: _____

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



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 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
- DC CURRENT/VOLTAGE RATING-PSE PINS: 350mA @48V(CONTINUOUS)



Pin	Green	Yellow		Green	Yellow
P13	+	-	P15	+	-
P14	-	+	P16	-	+

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, 8 PORT, 8P8C
 W/ LED1 GREEN/YELLOW LED2 GREEN/YELLOW

APPROVALS		DATE
DRAWN	HR	7/13/16
CHECKED	OC	7/13/16
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-8-88JX1-V-FSG-PG-L16-M310C	-
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2