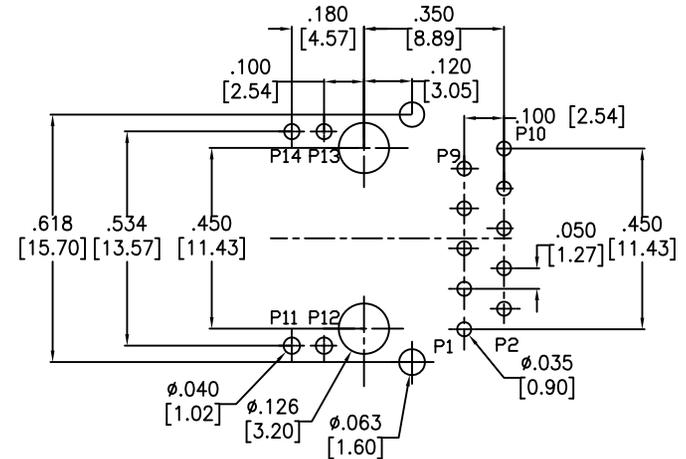
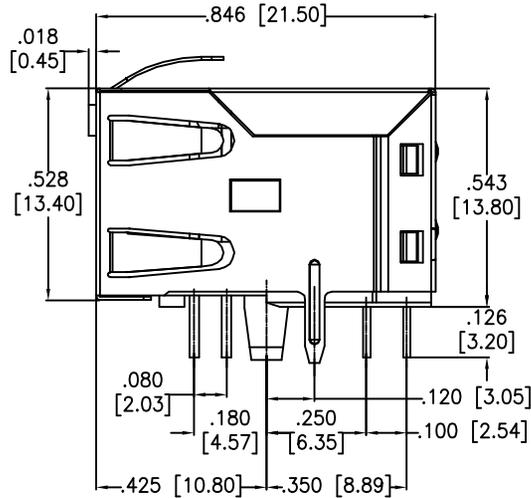
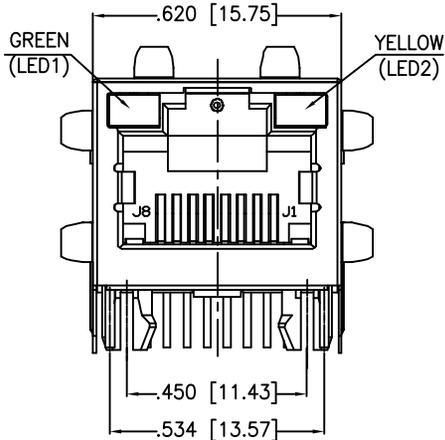
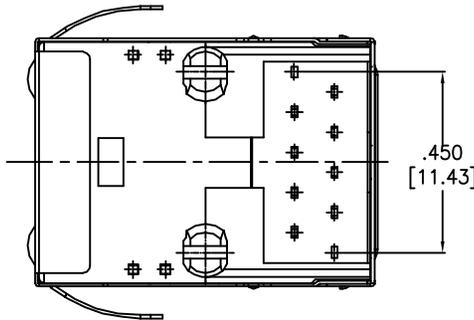


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/26/15	
A		REVISED PCB LAYOUT PIN P/N	9/21/15	AY
B		REVISED PCB LAYOUT PIN P/N	3/21/16	HR/LL



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Inserter: PBT, rated UL 94V-0, 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: 150 VAC max
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 500 VAC 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

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

APPROVALS		DATE
DRAWN	AY	6/29/15
CHECKED	AC	6/29/15
APPROVED		



TITLE
 MODULAR JACK GANGED, 1 PORT, 8P8C
 W/ LED1 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLH-M262C	B

REF: S00005C SCALE: NTS SHEET 1 OF 2

6

5

4

3

2

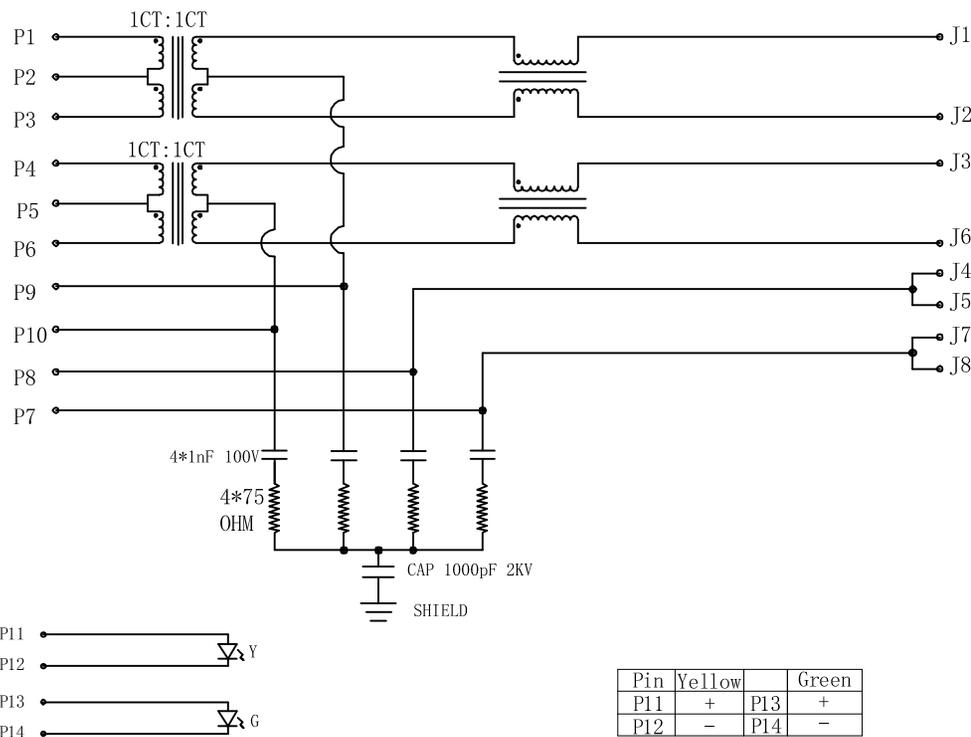
1

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Yellow		Green
P11	+	P13	+
P12	-	P14	-

ELECTRONICAL SPECIFICATIONS

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P4~P6):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH Min. @100KHz, 0.1V 8mA DC BIAS
- DC Resistance: (J1~J2):(J3~J6): 1.2 Ohms Max.
- Insertion Loss: 1-100MHz: -1.2dB Max.
- Return Loss: 1-30MHz: -16dB Min.
30-60MHz: -12dB Min.
60-80MHz: -10dB Min.
- Cross Talk: 1-100MHz: -30dB Min.
- Common to Common Mode Attenuation: 1-100MHz: -30dB Min.
- Isolation: PHY Side to Line Side: 500VAC
- DC Current/Voltage Rating-PSE Pins; 350mA @ 57V (Continues)

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

APPROVALS		DATE
DRAWN	AY	6/29/15
CHECKED	AC	6/29/15
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLH-M262C	A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1