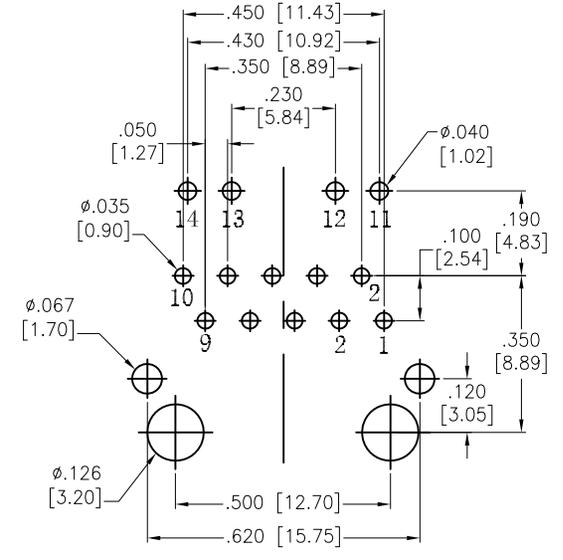
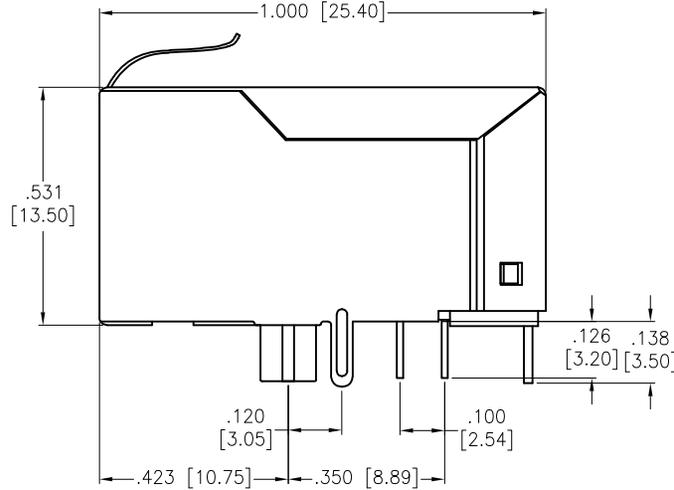
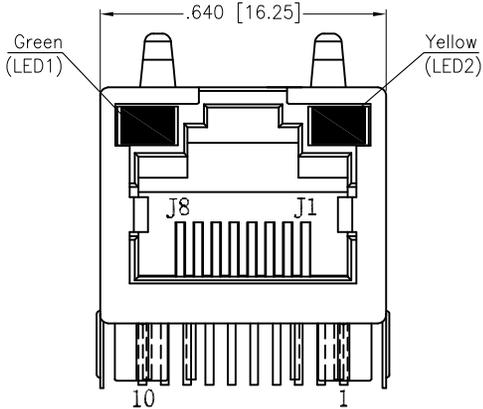
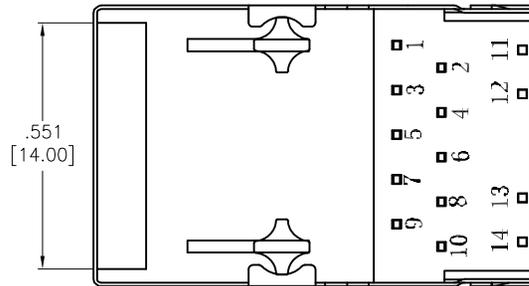


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/18/15	



RECOMMENDED P.C.B LAYOUT



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

**SPECIFICATIONS:**

Material:  
 Insulator: PBT, Glass reinforced, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Shield: SUS, Nickel plated  
 Contact Plating:  
 Gold Flash over Nickel underplate on contact area,  
 Tin over Copper underplate on tails  
 (See chart for thickness).  
 Electrical:  
 Operating voltage: 150 VAC max  
 Current rating: 1.5 Amps max  
 Contact Resistance: 20 mohms max. initial  
 Insulation resistance: 500 Mohms min @ 500 VDC  
 Dielectric withstanding voltage: 1000 VAC for 1 minut  
 Temperature Rating:  
 Operating temperature: 0°C to +70°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



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

APPROVALS		DATE
DRAWN	AY	9/18/15
CHECKED	LL	9/18/15
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG2T-LH-M250	-
REF:	S00043C	SCALE: NTS
		SHEET 1 OF 2

6

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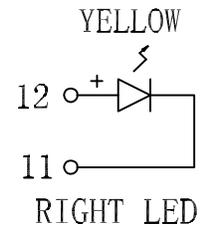
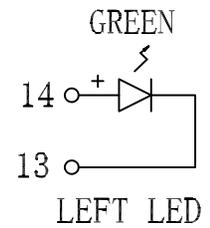
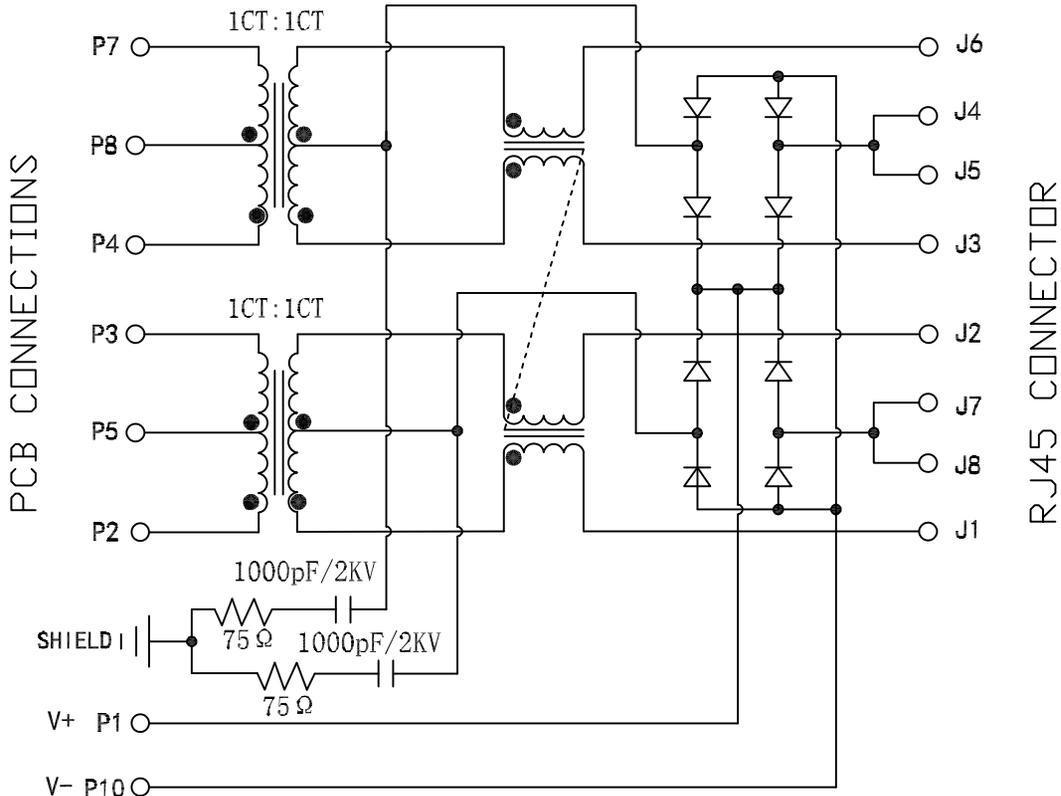
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Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



- SPECIFICATIONS @ 25°C:
- Turns Ratio ( $\pm 2\%$ ):  
TX = 1CT : 1CT RX = 1CT : 1CT
  - OCL (@0.1V, 100KHz, 0.1Vrms, 8mA DC Bias): 350uH Min.
  - Insertion Loss:  
0.1-100MHz: -1.0dB Max.
  - Return Loss(dB Min.):  
1-30MHz: -16  
30-60MHz: -13.5  
60-80MHz: -12
  - Crosstalk(dB Min.):  
1-100MHz: -30
  - Common Mode Rejection(dB Min.):  
1-100MHz: -30
  - Hipot: 1500Vrms
  - Balanced DC Line Current: 350mA Max @57VDC
  - Operating Temperature: -0°C ~ +70°C

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE INCHES [MM]  
 TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	$\pm .10$	$\varnothing$ .X	$\pm .10$
.XX	$\pm .020$	$\varnothing$ .XX	$\pm .015$
.XXX	$\pm .015$	$\varnothing$ .XXX	$\pm .010$

APPROVALS		DATE
DRAWN	AY	9/18/15
CHECKED	LL	9/18/15
APPROVED		



TITLE MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88SX1-FSD-PG2T-LH-M250	REV. -
REF: S00043C	SCALE: NTS	SHEET 2 OF 2

6

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