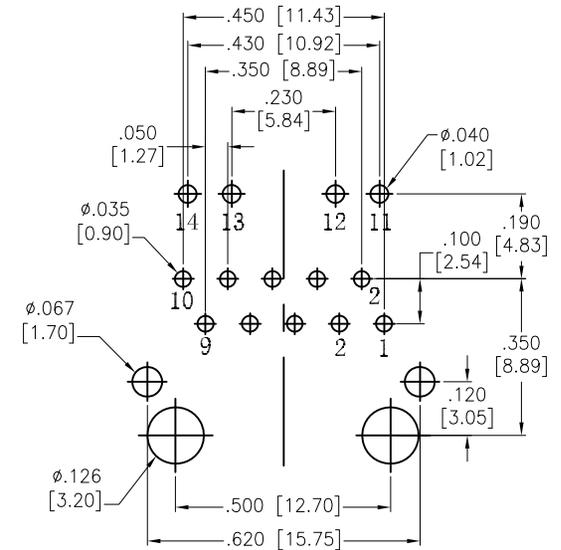
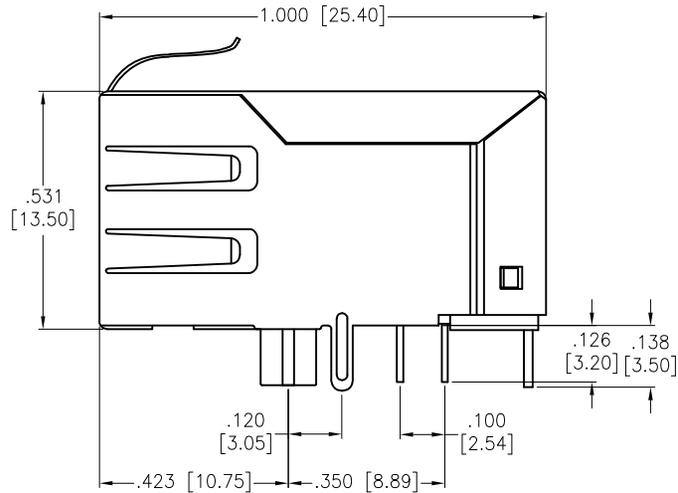
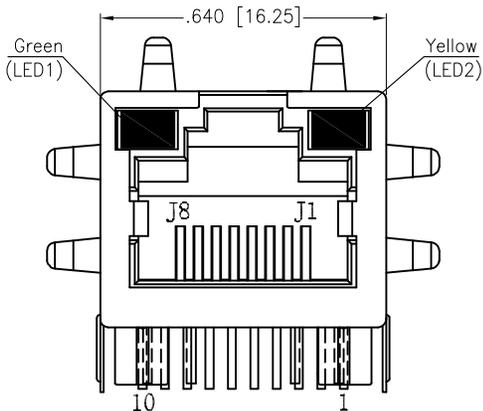
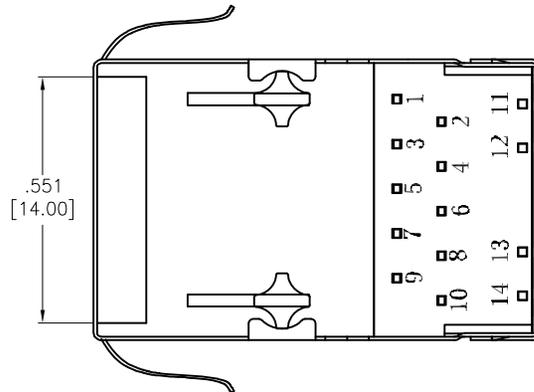


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/31/15	



RECOMMENDED P.C.B LAYOUT



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.

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 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	3/31/15
CHECKED	LL	3/31/15
APPROVED		

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

6

5

4

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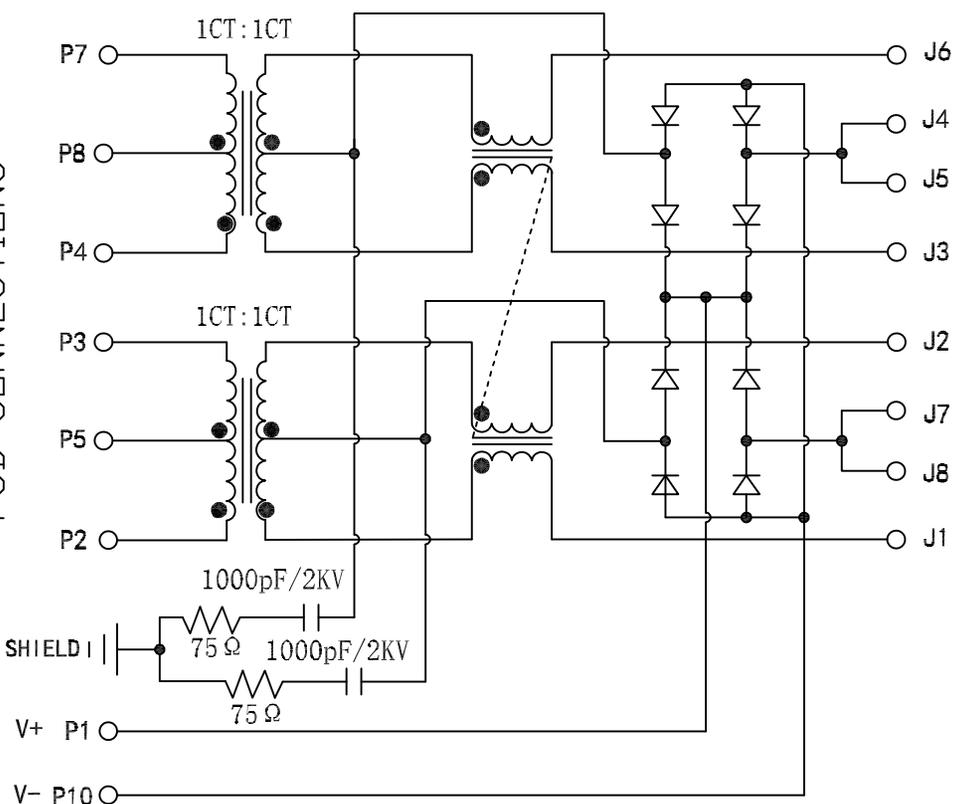
2

1

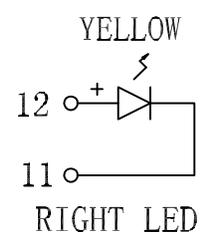
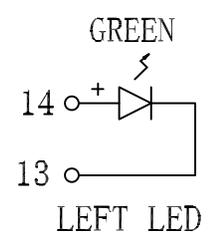
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____
 DATE: _____ TITLE: _____

PCB CONNECTIONS



RJ45 CONNECTOR



- 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	3/31/15
CHECKED	LL	3/31/15
APPROVED		



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

6

5

4

3

2

1