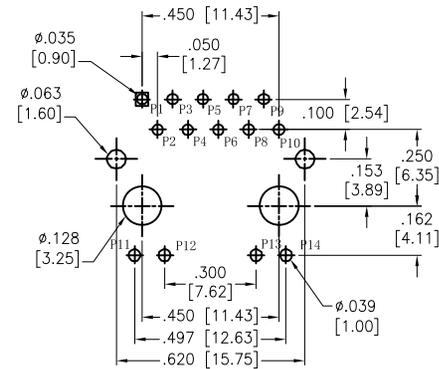
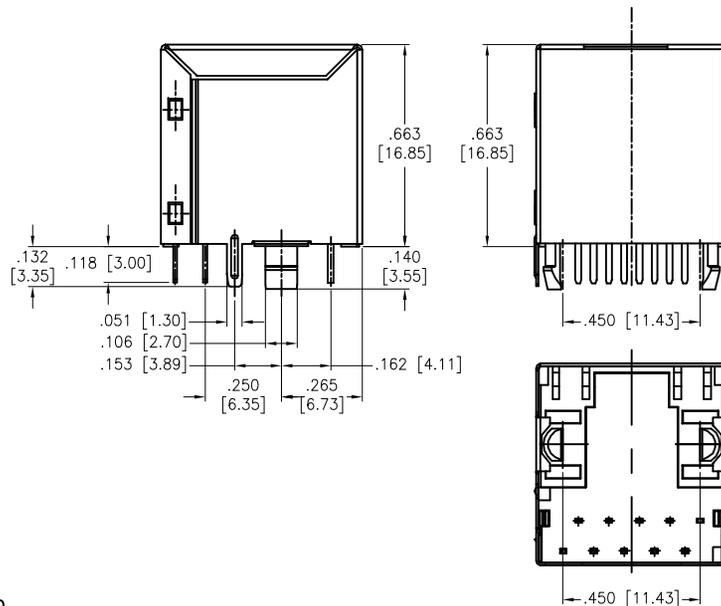
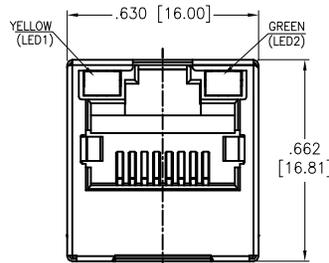


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/29/14	



SPECIFICATIONS:

Material:
Insertor: Thermoplastic, rated UL 94V-0
Insertor 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: 1500 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
6	6 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



APPROVALS		DATE
DRAWN	AY	6/23/15
CHECKED	OC	6/23/15
APPROVED		

TITLE		
MODULAR JACK GANGED, 1 PORT, 8P8C HALF PLASTIC PEG, W/LED YELLOW, GREEN		
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-HP-LG-M197C	-
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

6

5

4

3

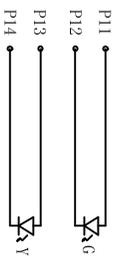
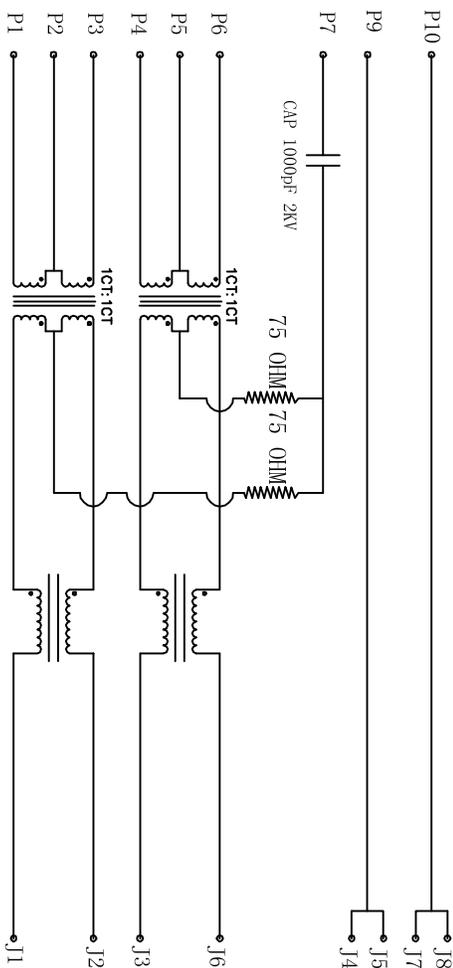
2

1

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

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Green	Yellow
P11	+	+
P12	-	-
P13		
P14		

ELECTRICAL SPECIFICATIONS

1. Turn Ratio @100KHZ: (P1~P3):(J1~J2)=1:1 ±5% (P4~P6):(J3~J6)=1:1 ±5%
2. Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. DC Resistance: (J1~J2):(J3~J6): 1.2 Ohms Max.
4. Insertion Loss: 1-100MHz -1.2dB Max.
Return Loss: 1-30MHz -16dB Min.
30-60MHz -12dB Min.
60-80MHz -10dB Min.
5. Cross Talk: 1-100MHz -30dB Min.
6. Common to Common mode Attention 1-100MHz -30dB Min.
7. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC
8. DC Current/ Voltage Rating-PSE Pins: 350mA @57V (Continuous)



TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
 HALF PLASTIC PEG, WILED YELLOW, GREEN

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLEES
.X ±.10	ØXX ±.10
.XX ±.020	ØXXX ±.015
.XXX ±.015	ØXXXX ±.010
APPROVALS	DATE
DRAWN AY	6/23/15
CHECKED OC	6/23/15
APPROVED	

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-HP-1-G-M197C	-
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

A

B

C

D

A

B

C

D

6

5

4

3

2

1