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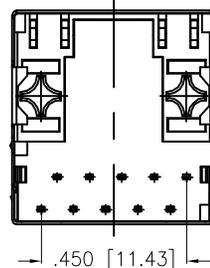
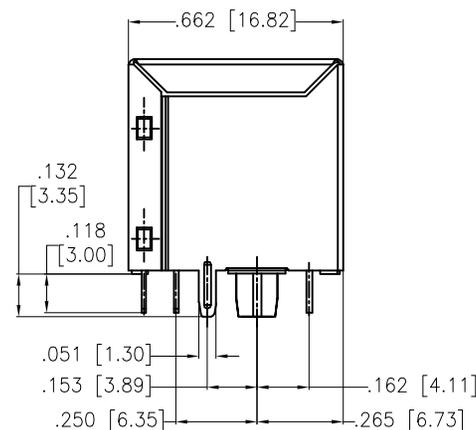
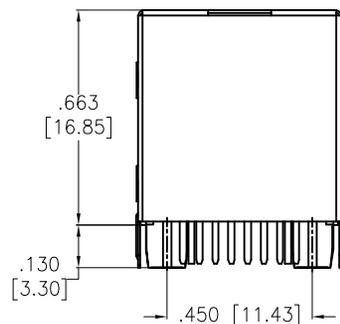
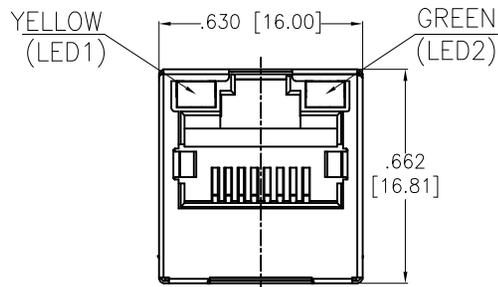
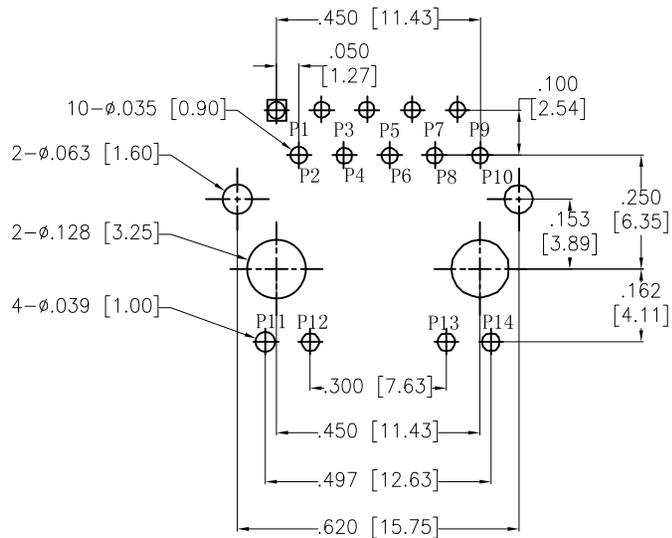
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/25/13	



SPECIFICATIONS:

Material:
 Insulator: Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, Nickel plated
 Plating:

X	PLATING
0	15 μ in Gold
1	30 μ in Gold
2	50 μ in Gold

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.



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

.X	\pm .10	ϕ .X	\pm .10
.XX	\pm .020	ϕ .XX	\pm .015
.XXX	\pm .015	ϕ .XXX	\pm .010

APPROVALS		DATE
DRAWN	AY	12/25/13
CHECKED	KW	12/25/13
APPROVED		



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

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LG-STP-M36	-
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

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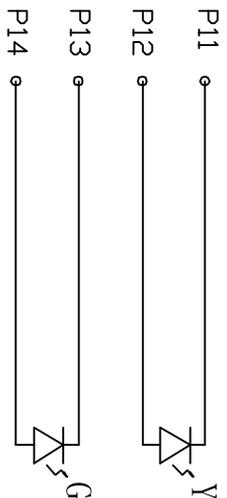
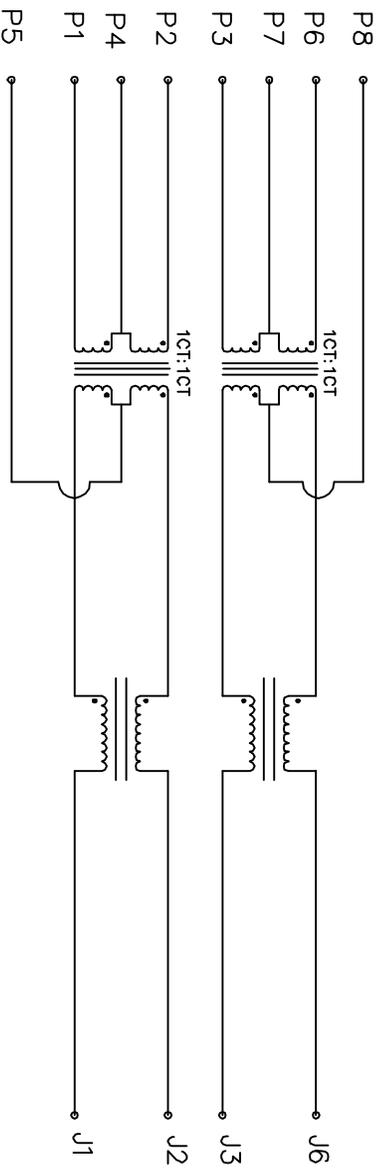
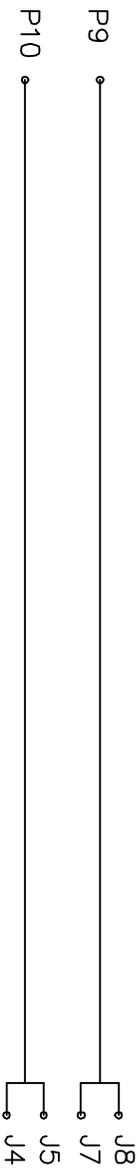
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Rev	AWO #	Description	Date	Appr
		SEE SHT 1 OF 2 FOR REVISION		

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Yellow		Green
P11	-	P13	-
P12	+	P14	+

ELECTRICAL SPECIFICATIONS

- Turn Ratio @100KHz: (P1 ~ P2) : (J1 ~ J2) 1:1 ±5%
(P3 ~ P6) : (J3 ~ J6) 1:1 ±5%
- Inductance: 350uH min. @ 0.1V, 100KHz, 8mA DC Bias
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Insertion Loss: 1-100MHz -1.2dB Max.
30-60MHz -12dB Min.
60-80MHz -10dB Min.
- Cross Talk: 1-100MHz -30dB Min.
- Common to Common mode Attention 1-100MHz -30dB Min.
- Isolation: PHY Side to Line Side: 1500VAC or 2250VDC
- DC Current/Voltage Rating-Pse Pins: 350mA @57VDC (CONTINUOUS)



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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]	
TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XXX ± .015
.XXX ± .015	Ø.XXX ± .010
APPROVALS	DATE
DRAWN AY	12/25/13
CHECKED KW	12/25/13
APPROVED	

TITLE	SIZE	PART NO.	REV.
MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN, STAR PEG	X	MTJ-88AX1-FSN-LG-STP-M36	-
REF: S00005C	SCALE: NTS	SHEET 2 OF 2	