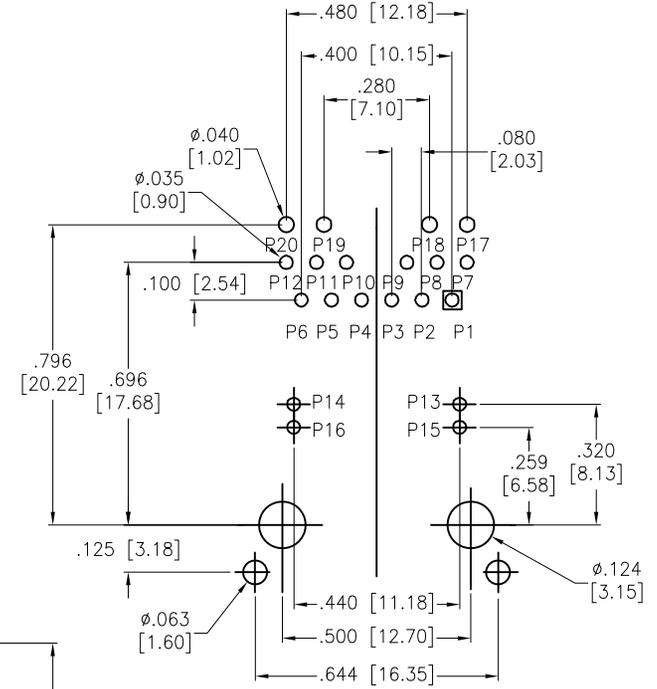
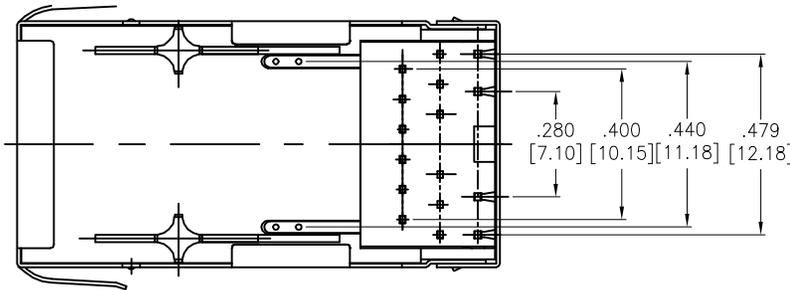
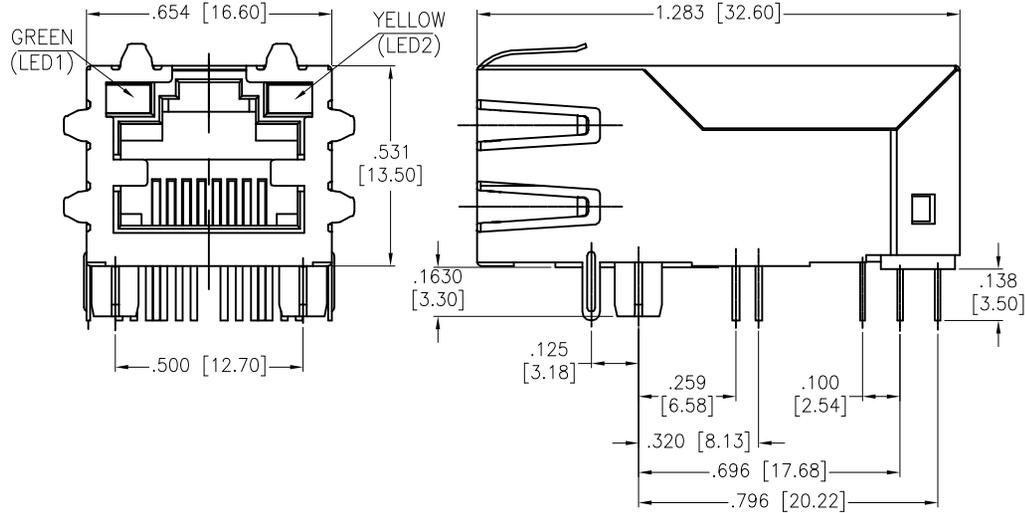


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-	1676	RELEASED	12/10/13	
A	1676	REVISED SPEC.	12/26/13	AY/KW



RECOMMENDED PCB LAYOUT

X	PLATING
0	15 μ n Gold
1	30 μ n Gold
2	50 μ n Gold
6	6 μ n Gold

SPECIFICATIONS:

Material:
 Insulator: Thermoplastic, rated UL 94V-0
 Insulator 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: 30 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1,500VDC 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	HR	12/10/13
CHECKED	YC	12/10/13
APPROVED		

ADAM TECH

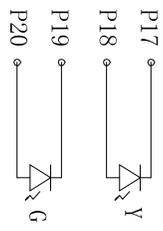
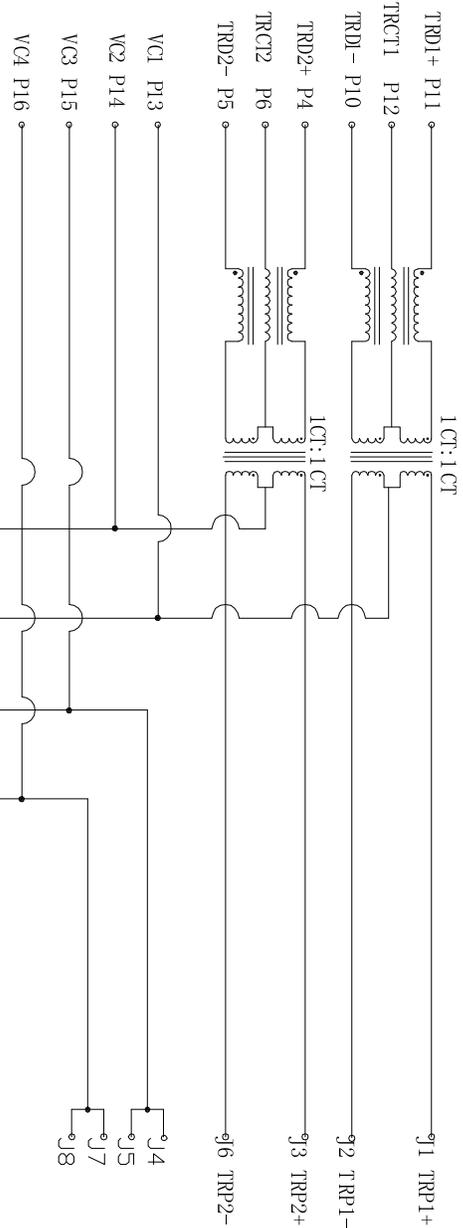
909 Rahway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE			
MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED 1 GREEN, W/ LED 2 YELLOW			
SIZE	PART NO.	REV.	
X	MTJ-88CX1-FSP-PG-LH-M216	A	
REF:	S00005C	SCALE:	NTS
		SHEET 1 OF 2	

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

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Yellow	Green	
P17	-	P19	-
P18	+	P20	+

ELECTRICAL SPECIFICATIONS:

- 1.0 Turn Ratio @100KHz: (P11~P10):(J1~J2) = 1:1±5%
(P11~P10):(J1~J2) = 1:1±5%
- 2.0 Primary Inductance: 350uH min. @100KHz, 0.1V 8mA DC BIAS
- 3.0 DC Resistance: (J1~J2):(J3~J6) 1.2 OHMS Max.
- 4.0 Insertion Loss: 1-100MHz -1.2dB Max.
- 5.0 Insertion Loss: 1-30MHz -16dB min.
30-60MHz -12dB min.
60-80MHz -10dB min.
- 6.0 Cross Talk: 1-100MHz -30dB min.
- 7.0 Common to Common Mode Attenuation: 1-100MHz -30dB min.
- 8.0 Isolation: PHY side to Line Side: 1500VAC or 2250VDC
- 9.0 DC Current / Voltage Rating-PSE Pins: 720mA @57V (Continuous)

ADAM TECH

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**MODULAR JACK GANGED, 1 PORT, 8P8C
W/ LED 1 GREEN, W/ LED 2 YELLOW**

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

TITLE	SIZE	PART NO.	REV.
MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED 1 GREEN, W/ LED 2 YELLOW	X	MTJ-88CX1-FSP-PG-LH-M216	A
REF: S0005C	SCALE: NTS	SHEET 1 OF 1	