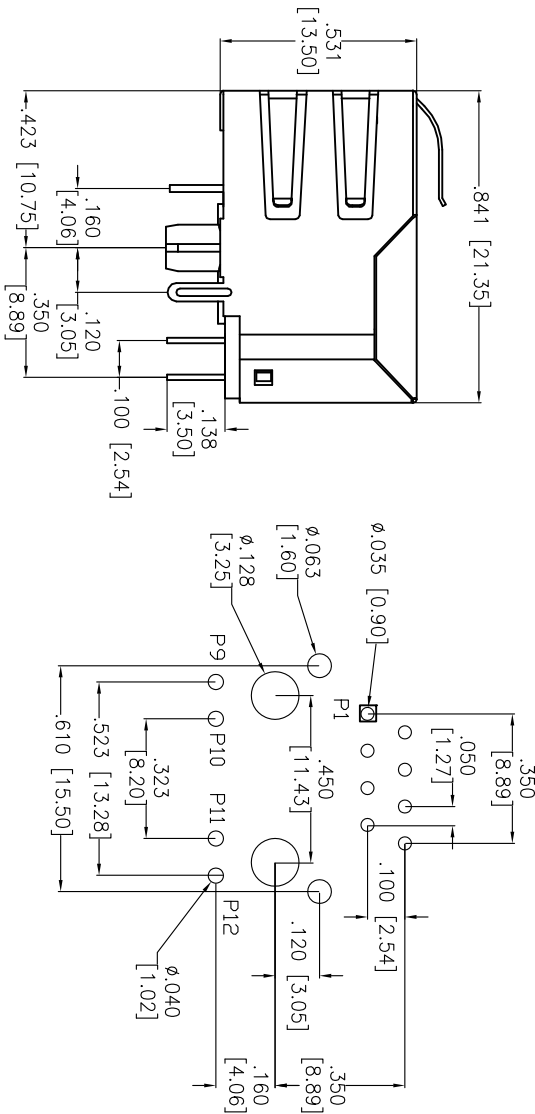
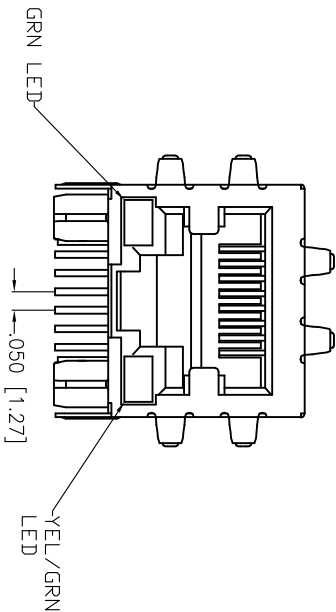


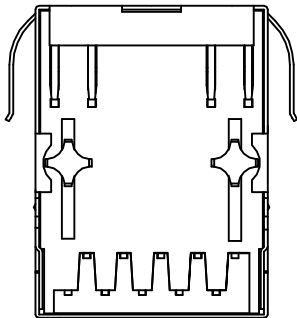
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/9/10	

APPROVED: \_\_\_\_\_

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



RECOMMENDED PCB LAYOUT



X	PLATING
0	15 $\mu$ in Gold
1	30 $\mu$ in Gold
2	50 $\mu$ in Gold

MODULAR JACK CONFORMS TO CAT 5 REQUIREMENTS

**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, LED 2 YELLOW / GREEN

**SPECIFICATIONS:**  
Material: PBT, glass reinforced, rated UL 94V-0  
Insulator color: Black  
Contacts: Copper Alloy  
Shield: Copper Alloy, 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.  
Recommended soldering temp: 235°C for 5 sec.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES HOLES				APPROVALS				DATE			
.X	± .10	Ø.X	± .10	DRAWN	DY			11/9/10			
.XX	± .020	Ø.XX	± .015	CHECKED							
.XXX	± .015	Ø.XXX	± .010	APPROVED							
TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED 1 GREEN, LED 2 YELLOW / GREEN				SIZE: PART NO. MTJ-88TX1-FSD-PG-LV				REV: -			
REF: X				SCALE: NTS				SHEET 1 OF 2			

6

5

4

3

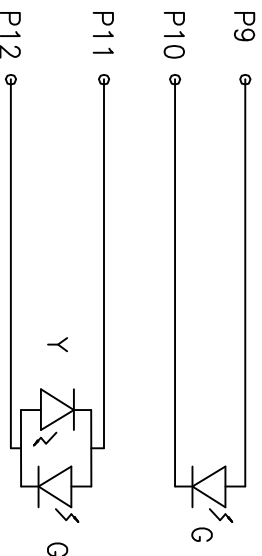
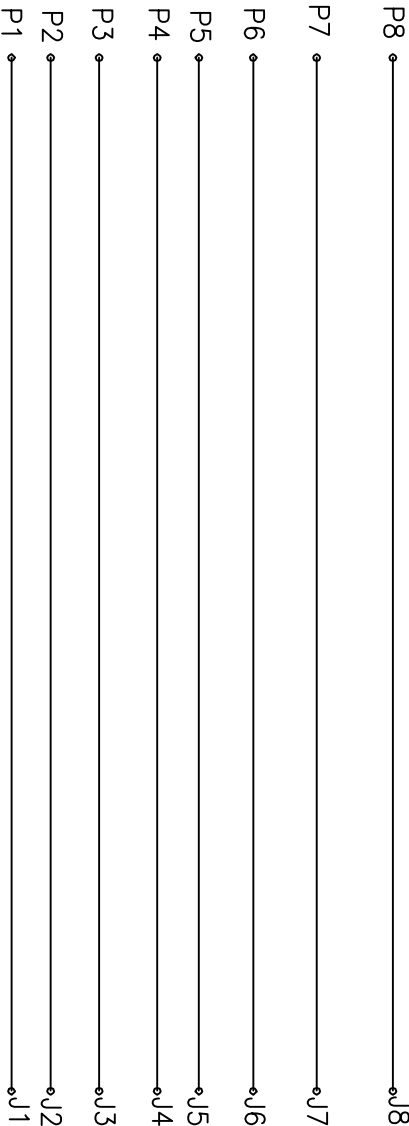
2

1

APPROVED: \_\_\_\_\_

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

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



Pin	Green	Yellow	Green
P9	+	P11	-
P10	-	P12	+

A

B

C

D

A

B

C

D

ELECTRICAL SPECIFICATIONS:

- 1. Dielectric Withstanding: (P1/P3/P5/P7) : (P2/P4/P6/P8) : 5000VAC
- 2. DC Resistance: (P1~J1) : (P2~J2) : (P3~J3) : (P4~J4) : 1.0 OHMS Max
- (P5~J5) : (P6~J6) : (P7~J7) : (P8~J8) : 1.0 OHMS Max

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
INCHES .X ± .10 .XX ± .020 .XXX ± .015		HOLES Ø.X ± .10 Ø.XX ± .015 Ø.XXX ± .010	
APPROVALS		DATE	
DRAWN	DY	11/9/10	
CHECKED			
APPROVED			
TITLE MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED 1 GREEN, LED 2 YELLOW / GREEN		REV: -	
SIZE X		PART NO. MTJ-88TX1-FSD-PG-LV	
REF:		SCALE: NTS SHEET 2 OF 2	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[MTJ-88TX1-FSD-PG-LV](#)