

6

5

4

3

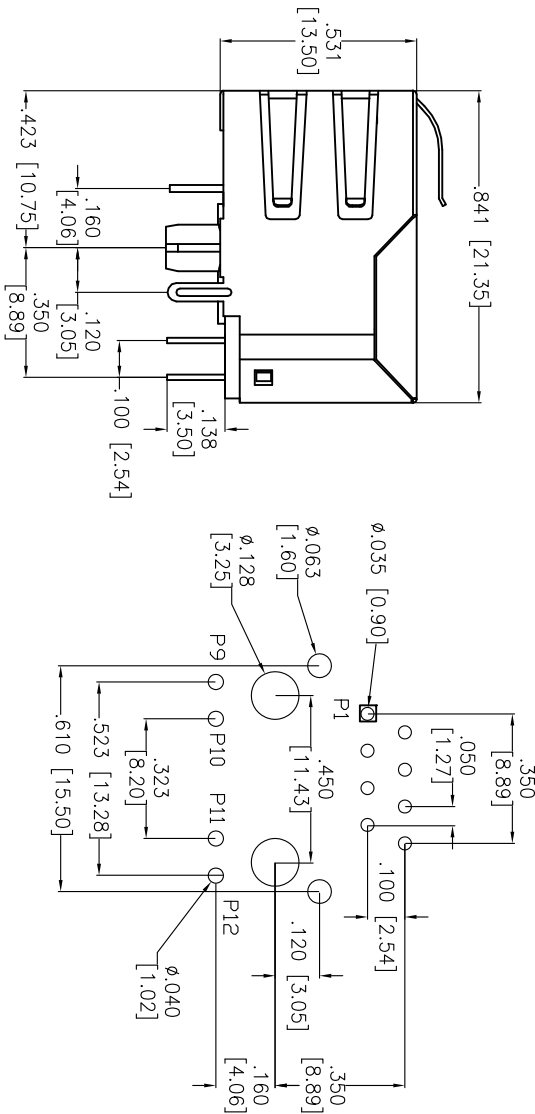
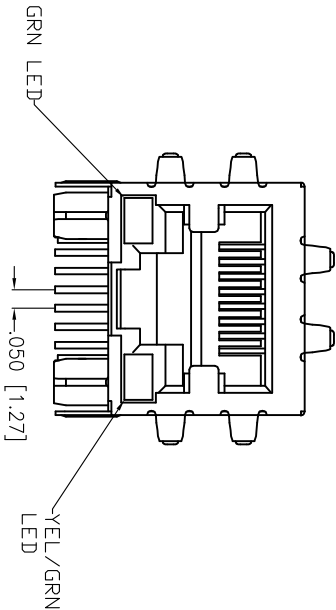
2

1

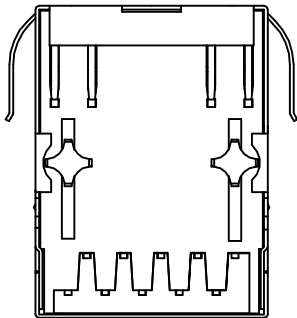
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/9/10	

APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS:

Material:

Insulator: 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.



MODULAR JACK CONFORMS TO CAT 5 REQUIREMENTS

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 DY 11/9/10

CHECKED

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, LED 2 YELLOW / GREEN

SIZE: PART NO. MTJ-88TX1-FSD-PG-LV

X REF: SCALE: NTS SHEET 1 OF 2

6

5

4

3

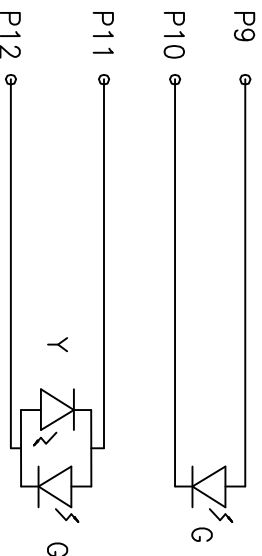
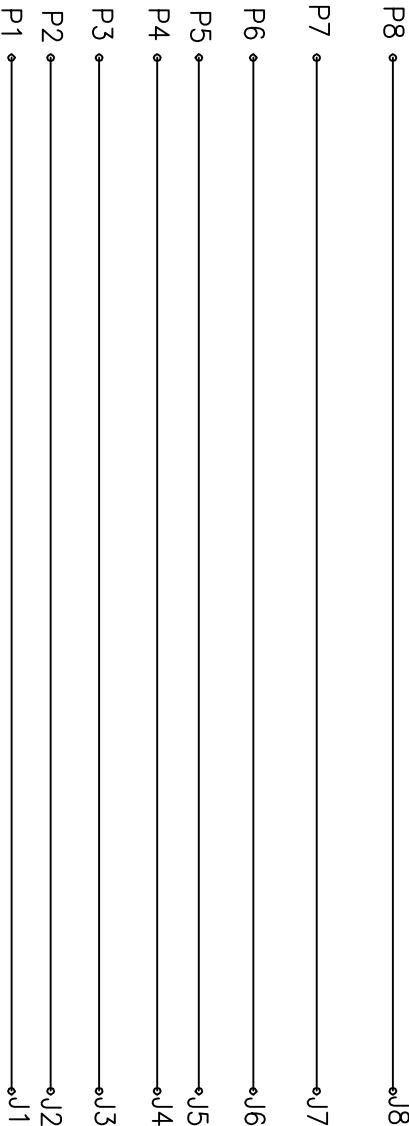
2

1

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Green	Yellow	Green
P9	+	-	+
P10	-	+	-

- ELECTRICAL SPECIFICATIONS:
- Dielectric Withstanding: (P1/P3/P5/P7) : (P2/P4/P6/P8) : 5000VAC
 - 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

INCHES
.X ± .10
.XX ± .020
.XXX ± .015

HOLES
Ø.X ± .10
Ø.XX ± .015
Ø.XXX ± .010

APPROVALS

DRAWN DY 11/9/10

CHECKED

APPROVED

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

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

ADAM TECH

SIZE PART NO. REV.

X MTJ-88TX1-FSD-PG-LV -

REF: SCALE: NTS SHEET 2 OF 2