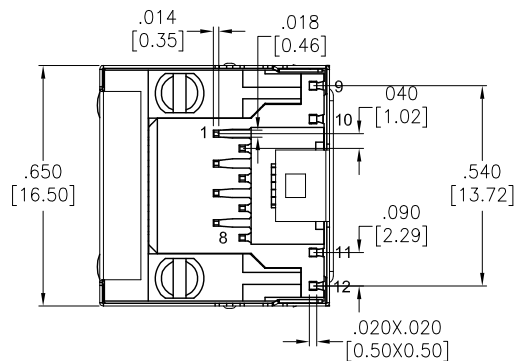
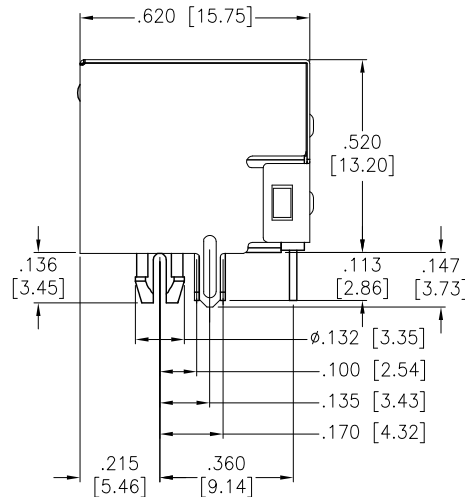
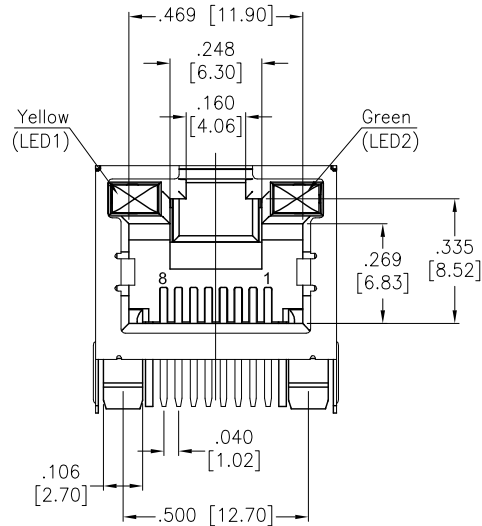


APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



#### SPECIFICATIONS:

##### Material:

Insulator: PBT, glass reinforced, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Shield: Brass, Nickel plated

##### Plating:

Round contact

Gold over Nickel underplate overall

Flat contact

Gold over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails

##### Electrical:

Voltage rating: 150 VAC RMS

Current rating: 1.5 Amp

Contact resistance: 20 mohms max.

Insulation resistance: 1,000 Mohms min @ 500 VDC

Dielectric withstanding voltage:

Contact to Contact: 1,000 VDC/AC Peak for 1 minute

Contact to Screen and Test panel: 1,500 VDC/AC Peak for 1 minute

##### Temperature Rating:

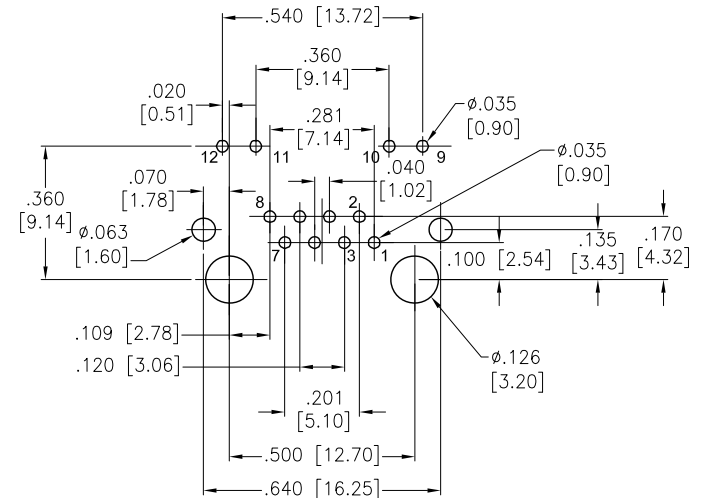
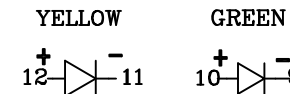
Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant.



| Rev | AWO # | Description                  | Date     | Appr   |
|-----|-------|------------------------------|----------|--------|
| -   |       | Released                     | 4/12/04  |        |
| A   |       | Added LED polarization marks | 08/31/04 | BAS    |
| B   |       | REVISED SHAPE                | 8/27/08  |        |
| C   |       | REDRAWN                      | 11/15/11 |        |
| D   |       | UPDATE SHAPE                 | 9/11/14  | AY/NP  |
| E   |       | UPDATE SPEC.                 | 3/11/15  | AY/CH  |
| F   |       | UPDATE SPEC.                 | 4/13/15  | HR/LW  |
| G   |       | UPDATE SPEC.                 | 6/17/16  | HR/CH  |
| H   |       | ADDED LED CIRCUIT            | 1/2/19   | HR/AC1 |



RECOMMENDED PCB LAYOUT

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     | SLS | 4/12/04 |
| CHECKED   |     |         |
| APPROVED  |     |         |

**ADAM TECH**  
INTERCONNECTS

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

TITLE  
MODULAR TELEPHONE JACK, R/A, 8P8C  
W/ LED1 YELLOW, LED2 GREEN

|              |                               |              |
|--------------|-------------------------------|--------------|
| SIZE<br>X    | PART NO.<br>MTJ-88ARX1-FSM-LG | REV.<br>H    |
| REF: S00005C | SCALE: NTS                    | SHEET 1 OF 1 |