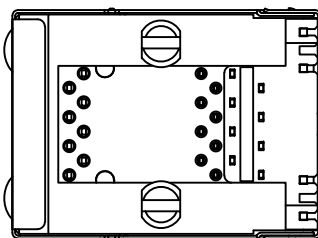
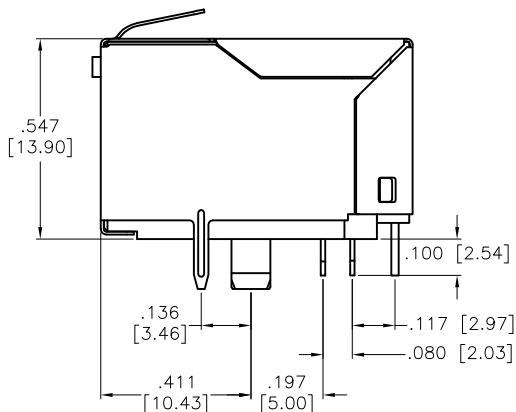
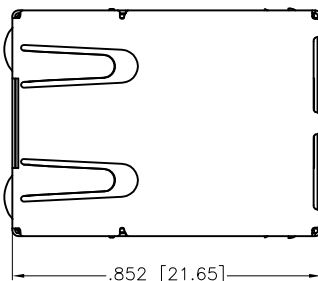
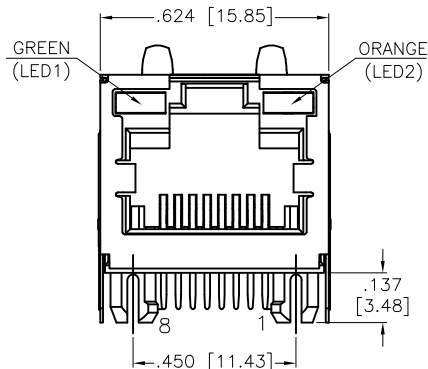
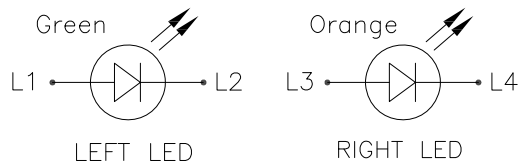


APPROVED: \_\_\_\_\_

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



#### SPECIFICATIONS:

##### Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shield: Stainless Steel, with Tin Dip on Solder Tabs

Contact Plating:

Selective Gold plating for Mating Surface, 50u" Nickel under plate

100u" Matte Tin plating on Contact Solder Tail

Electrical:

Voltage rating: 125 VAC

Current rating: 1.25 Amp

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,000 VAC RMS 60Hz, for 1 minute

Temperature Rating:

Operating temperature: -40°C to +85°C

Storage Temperature: -40°C to +85°C

Environmental:

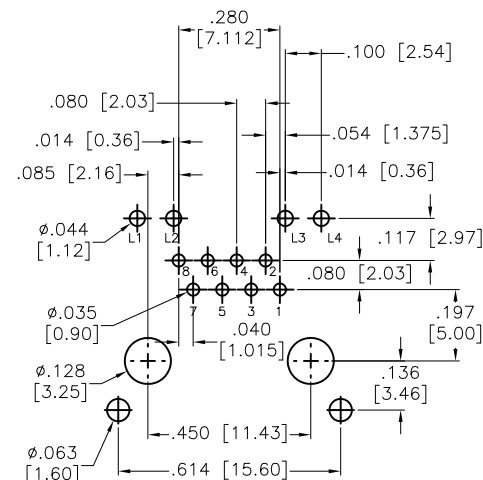
Recommended Solder Process: Wave Solder, peak temperature 260°C for 10 seconds.

Mates with Modular Plug Conforming to TIA-1096 Standard

Lead free, RoHS compliant.



| Rev | AWO # | Description | Date   | Appr |
|-----|-------|-------------|--------|------|
| -   |       | RELEASED    | 8/9/18 |      |



RECOMMENDED PCB LAYOUT

| Frequency MHz | Near-End Cross talk dB, Min | Return Loss dB, Min | Insertion loss dB, Max |
|---------------|-----------------------------|---------------------|------------------------|
| 1.0           | 75.0                        | 30.0                | 0.10                   |
| 4.0           | 75.0                        | 30.0                | 0.10                   |
| 8.0           | 75.0                        | 30.0                | 0.10                   |
| 10.0          | 74.0                        | 30.0                | 0.10                   |
| 16.0          | 69.9                        | 30.0                | 0.10                   |
| 20.0          | 68.0                        | 30.0                | 0.10                   |
| 25.0          | 66.0                        | 30.0                | 0.10                   |
| 31.25         | 64.1                        | 30.0                | 0.11                   |
| 62.5          | 58.1                        | 30.0                | 0.16                   |
| 100.0         | 54.0                        | 28.0                | 0.20                   |
| 200.0         | 48.0                        | 22.0                | 0.28                   |
| 250.0         | 46.0                        | 20.0                | 0.32                   |
| 300.0         | 42.9                        | 18.5                | 0.35                   |
| 400.0         | 37.9                        | 16.0                | 0.40                   |
| 500.0         | 34.0                        | 14.0                | 0.45                   |

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     | HR | 8/9/18 |
| CHECKED   | AC | 8/9/18 |
| APPROVED  |    |        |

**ADAM**  
**TECH**  
**INTERCONNECTS**

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

TITLE  
MODULAR TELEPHONE JACK, 8P8C, PCB TYPE  
CAT6A, W/ LED1 GREEN, LED2 ORANGE

| SIZE         | PART NO.                      | REV.         |
|--------------|-------------------------------|--------------|
| X            | MTJ-88TUX1-FS2-PG2T-L5-C6A-HT | -            |
| REF: S00101C | SCALE: NTS                    | SHEET 1 OF 1 |