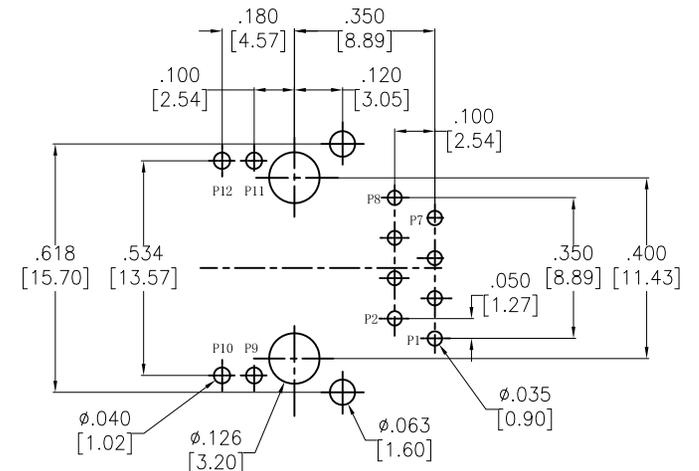
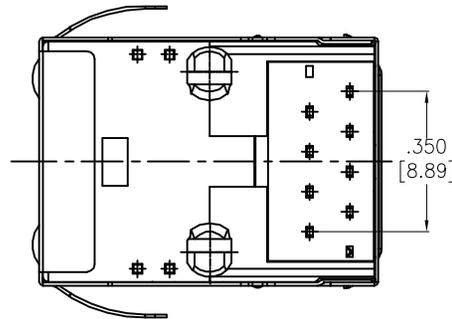
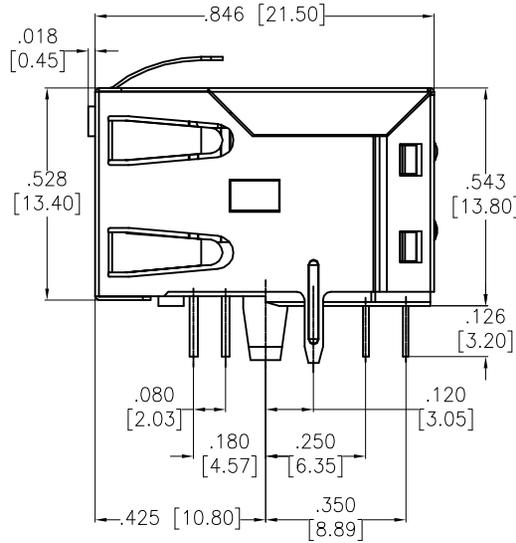
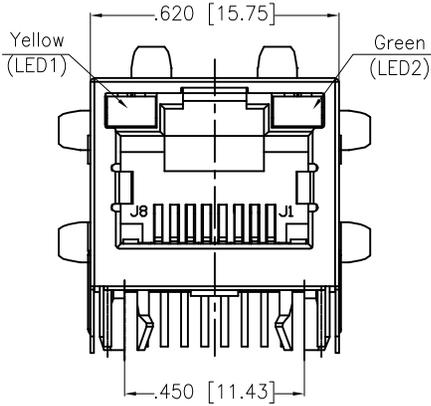


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------------|---------|-------|
| - | | RELEASED | 2/21/17 | |
| A | | REVISED LED COLOR | 4/20/17 | HR/CT |



RECOMMENDED PCB LAYOUT

| X | PLATING |
|---|-------------|
| 0 | 15 µin Gold |
| 1 | 30 µin Gold |
| 2 | 50 µin Gold |
| 6 | 6 µin Gold |

SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Insert: PBT, rated UL 94V-0, 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:
Voltage rating: 150 VAC
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1500 VAC or 2250 VDC
 Temperature Rating:
Operating temperature: -40°C to +85°C
 Environmental:
Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES

| | | | |
|------|--------|------|--------|
| .X | ± .10 | ∅X | ± .10 |
| .XX | ± .020 | ∅XX | ± .015 |
| .XXX | ± .015 | ∅XXX | ± .010 |

| APPROVALS | | DATE |
|-----------|----|---------|
| DRAWN | HR | 2/21/17 |
| CHECKED | CT | 2/21/17 |
| APPROVED | | |

ADAM TECH

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

TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 YELLOW, LED2 GREEN

| SIZE | PART NO. | REV. |
|------|-------------------------------|------|
| X | MTJ-88TUX1-FSD-PG-VLG-M69-WOT | A |

REF: S00005C SCALE: NTS SHEET 1 OF 2

6

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4

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2

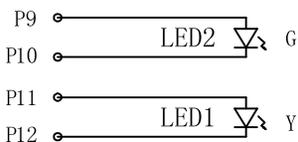
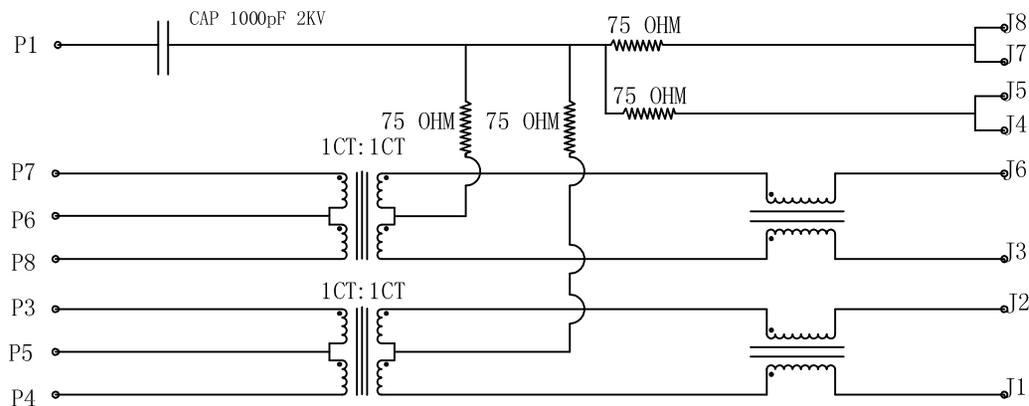
1

APPROVED: _____

DATE: _____ TITLE: _____

| | | | | |
|-----|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------|------|------|

SEE SHT 1 OF 2 FOR REVISION



| | | | |
|------|-------|------|--------|
| LED2 | Green | LED1 | Yellow |
| P9 | + | P11 | + |
| P10 | - | P12 | - |

Electronical Specifications:

- Turn Ratio @100KHz: (P4~P3):(J1~J2) = 1:1±5%
(P8~P7):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.2dB MAX
- Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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 | 2/21/17 |
| CHECKED | CT | 2/21/17 |
| APPROVED | | |

ADAM TECH

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Phone: 908-687-5000 Fax: 908-687-5710

TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 YELLOW, LED2 GREEN

| | | |
|--------------|-------------------------------|--------------|
| SIZE | PART NO. | REV. |
| X | MTJ-88TUX1-FSD-PG-VLG-M69-WOT | A |
| REF: S00005C | SCALE: NTS | SHEET 2 OF 2 |

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1