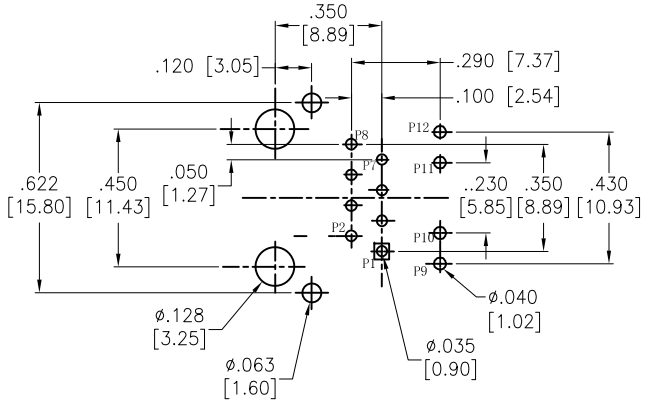
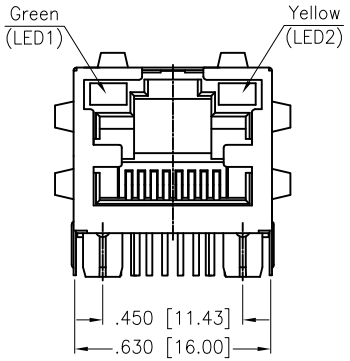
APPROVED: _____

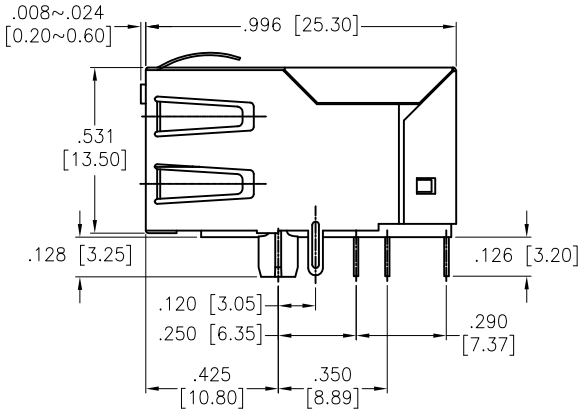
DATE: _____ TITLE: _____

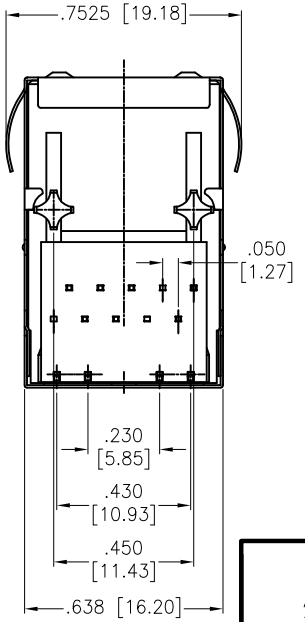
| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| - | 10150 | RELEASED | 4/08/10 | |
| A | | UPDATE SHAPE | 11/16/15 | AY/LL |
| B | | UPDATE DRAWING | 731/20 | AY/OC |




RECOMMENDED PCB LAYOUT




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
Electrical:
Voltage rating: 150 VAC
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1500VAC or 2250VDC
Temperature Rating:
Operating temperature: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

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 | DY | 4/08/10 |
| CHECKED | | |
| APPROVED | | |


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


TITLE
MODULAR JACK GANGED, 8P8C
W/ LED1 GREEN, LED2 YELLOW

| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88SX1-FSD-PG-LH-M5 | B |

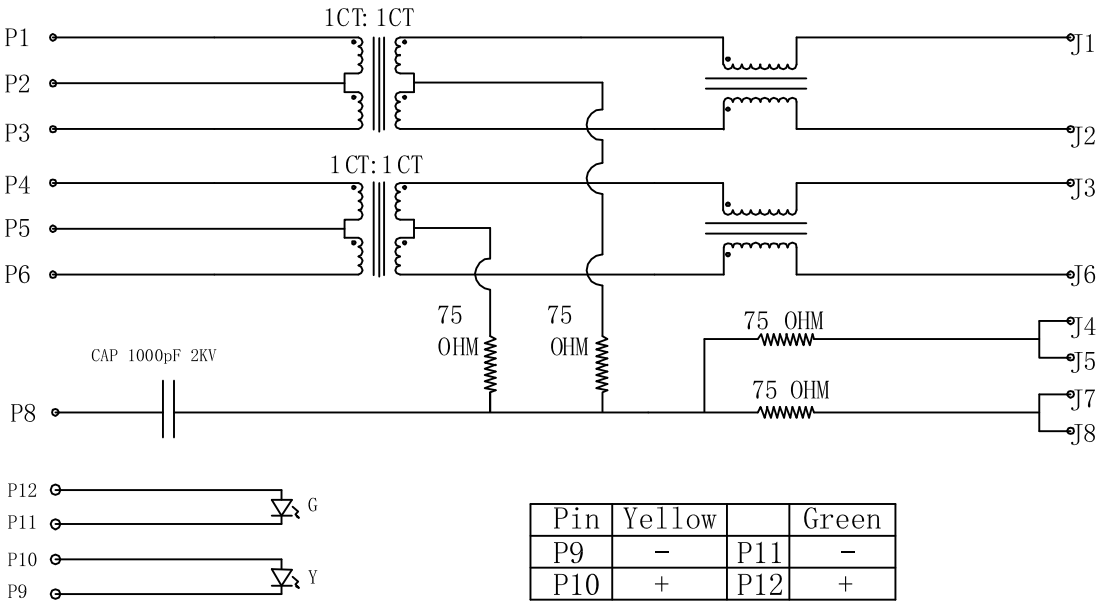
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____

## Circuit Schematic:




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

SPECIFICATIONS:

1. Turn Ratio: (P1~P3) : (J1~J2) = 1:1±5%
   (P4~P6) : (J3~J6) = 1:1±5%
2. Primary Inductance: 350uH Min. @ 100KHz, 0.1V, 8mA DC Bias
3. DC Resistance: 1.2 Ohms Max.
4. Insertion Loss: 1–100MHz: –1.2dB Max.
5. Return Loss: 1–30MHz: –16dB Min.
   30–60MHz: –12dB Min.
   60–80MHz: –10dB Min.
6. Cross Talk: 1–100MHz: –30dB Min.
7. Common To Common Mode Attenuation: 1–100MHz: –30dB Min.
8. 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 | DY | 4/08/10 |
| CHECKED | | |
| APPROVED | | |


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

| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88SX1-FSD-PG-LH-M5 | B |

| REF: | SCALE: | SHEET |
|---|---|---|
| S00005C | NTS | 2 OF 2 |