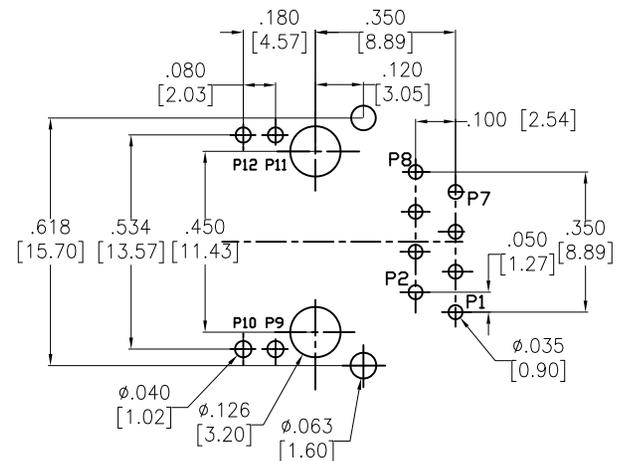
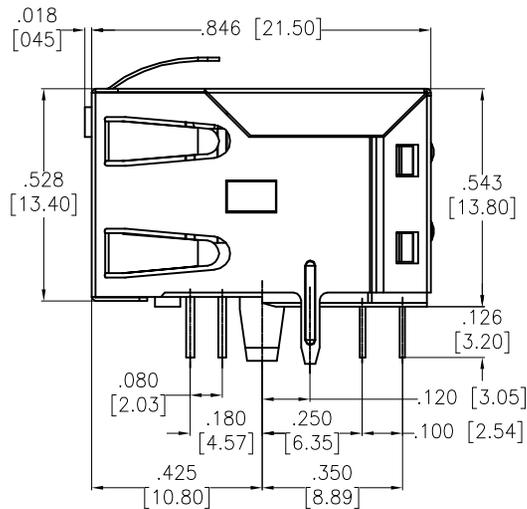
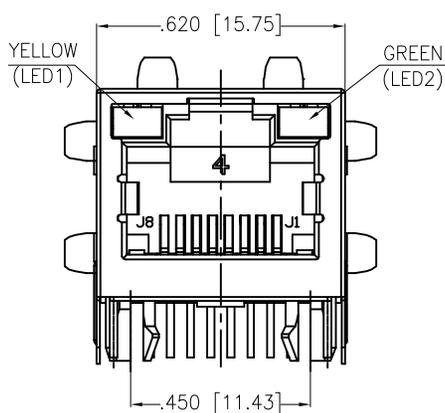


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/19/15	



RECOMMENDED PCB LAYOUT

X	PLATING
0	15 µIn Gold
1	30 µIn Gold
2	50 µIn Gold
6	6 µIn Gold

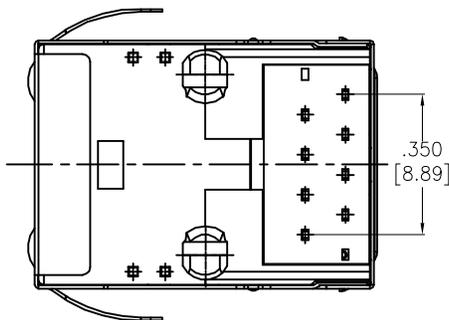
SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Inserter: 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:
 Operating voltage: 150 VAC max
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC for 1 minute

Temperature Rating:
 Operating temperature: 0°C to +70°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	AY	1/19/15
CHECKED	GC	1/19/15
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/ LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLG-M248	-
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

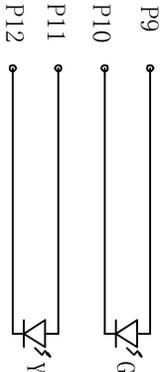
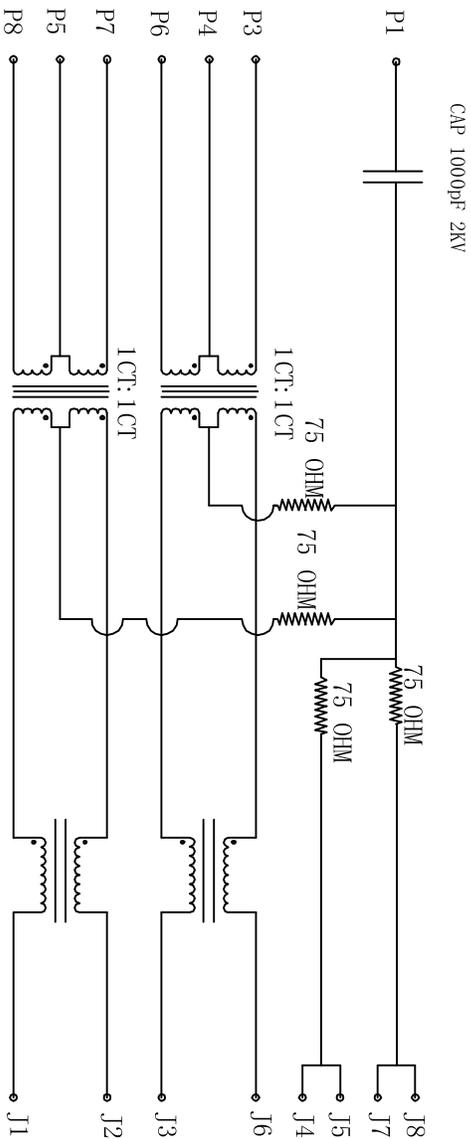
2

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

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Green	Yellow
P9	+	+
P10	-	-

ELECTRICAL SPECIFICATIONS

- Turns Ratio: (P8 ~ P7) : (J1 ~ J2) 1:1 ±5%
(P6 ~ P3) : (J3 ~ J6) 1:1 ±5%
- Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Insertion Loss: 1MHZ TO 100MHZ : -1.2dB MAX
- Return Loss: 1MHZ to 30MHZ: -16dB Min.
30MHZ to 60MHZ: -12dB Min.
60MHZ to 80MHZ: -10dB Min.
- Cross Talk: 1MHZ to 100MHZ: -30dB Min
- Common to Common Mode Attenuation: 1MHZ TO 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

DRAWN	AY	DATE	1/19/15
CHECKED	GC	DATE	1/19/15

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

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

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLG-M248	-
REF:	S0003C	
SCALE:	NTS	SHEET 2 OF 2

6

5

4

3

2

1