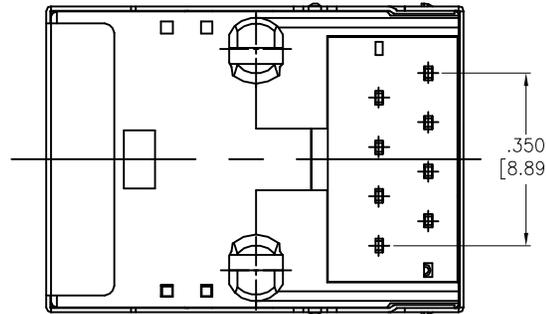
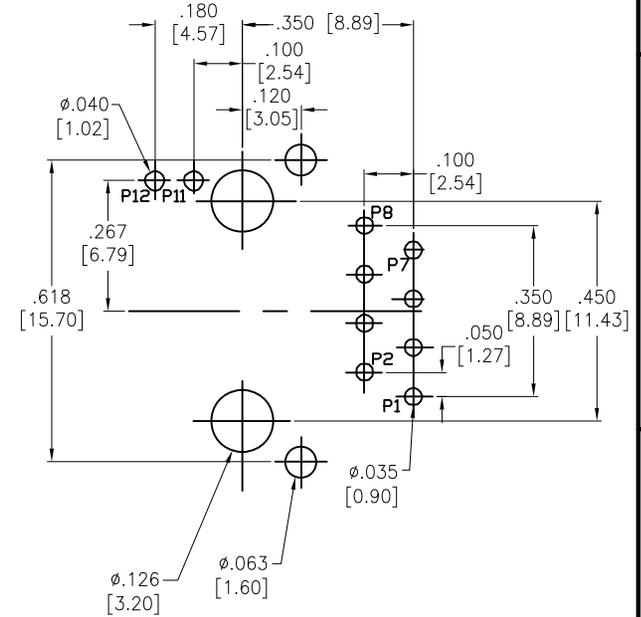
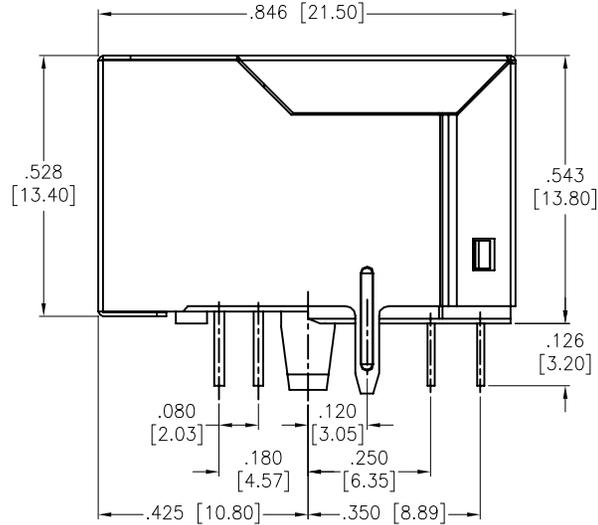
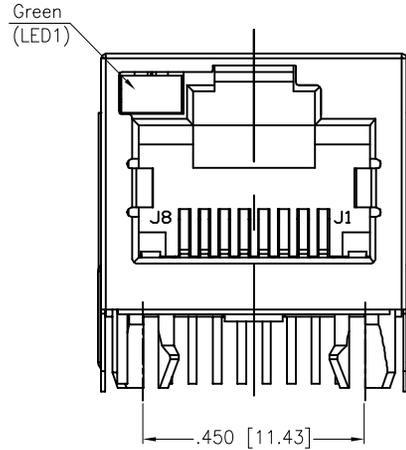


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/20/13	
A		REVISED SPEC.	6/4/13	
B		REVISED SHAPE	7/30/13	



SPECIFICATIONS:

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Cooper 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.

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

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

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

APPROVALS		DATE
DRAWN	AY	3/20/13
CHECKED	LW	3/20/13
APPROVED		

TITLE		
MODULAR JACK, 1 PORT, 8P8C, W/ 1 GREEN LED, MAGNETICS		
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-VLE-M4-HT-HF	B
REF:	S00005C	SCALE: NTS
		SHEET 1 OF 2



6

5

4

3

2

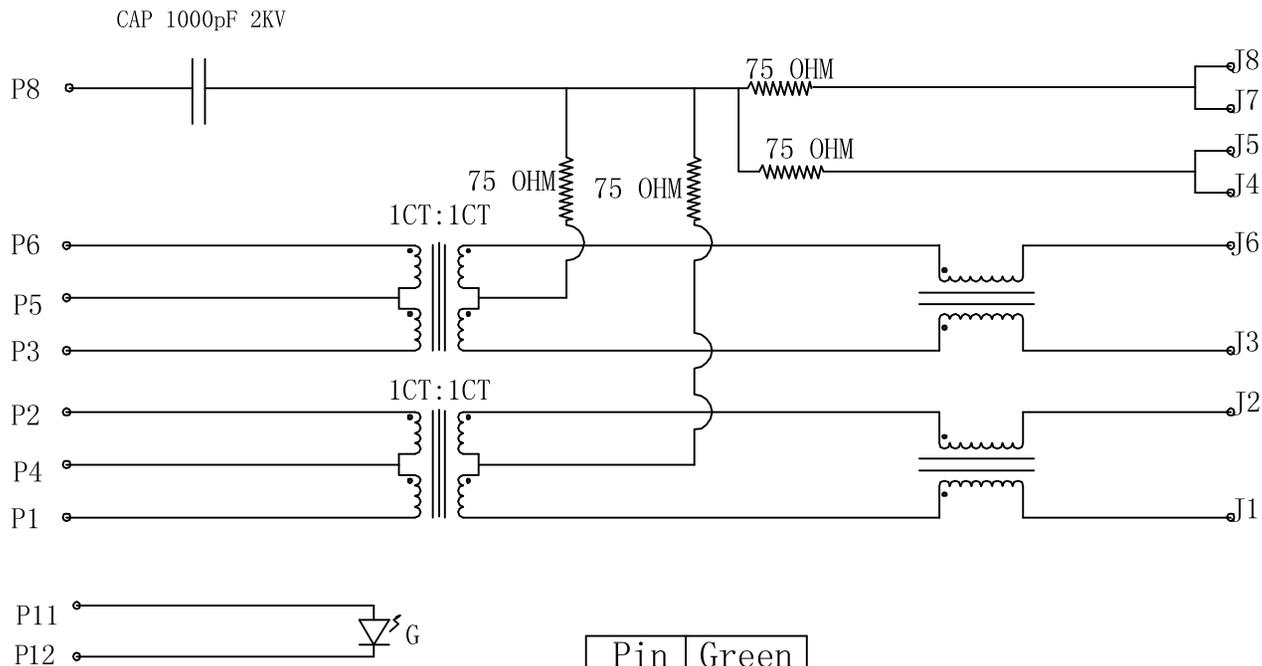
1

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Green
P11	+
P12	-

ELECTRONICAL SPECIFICATIONS

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(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

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TITLE
MODULAR JACK, 1 PORT, 8P8C, W/ 1 GREEN LED, MAGNETICS

APPROVALS		DATE
DRAWN	AY	3/20/13
CHECKED	LW	3/20/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-VLE-M4-HT-HF	B
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2

6

5

4

3

2

1