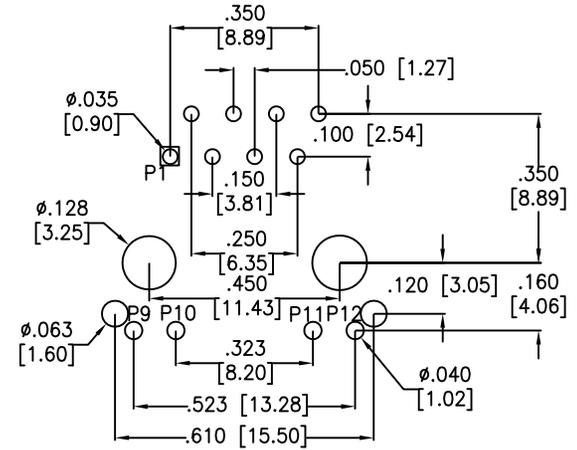
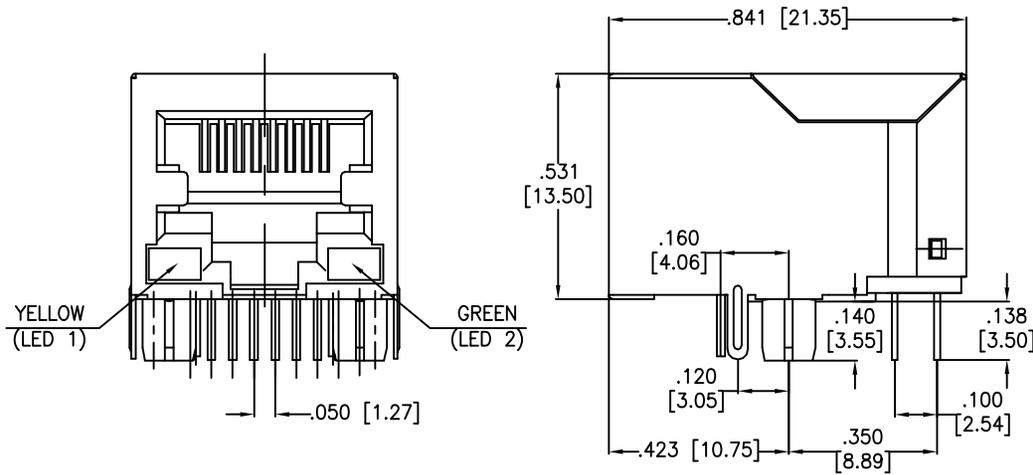
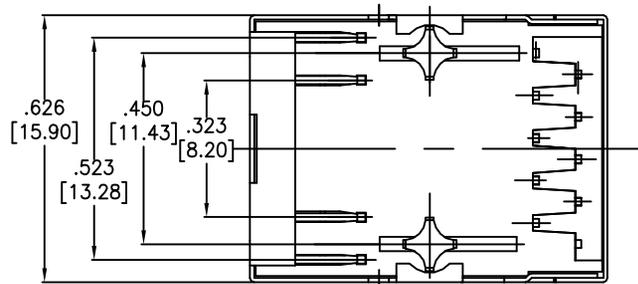


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/15/14	



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: PBT, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, 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: 1000 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 Ø.X ± .10
 .XX ± .020 Ø.XX ± .015
 .XXX ± .015 Ø.XXX ± .010



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

APPROVALS		DATE
DRAWN	AY	4/15/14
CHECKED	GH	4/15/14
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSP-LG-M5	-
REF: S00005C		SCALE: NTS
		SHEET 1 OF 2

6

5

4

3

2

1

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1

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5

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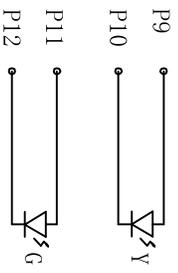
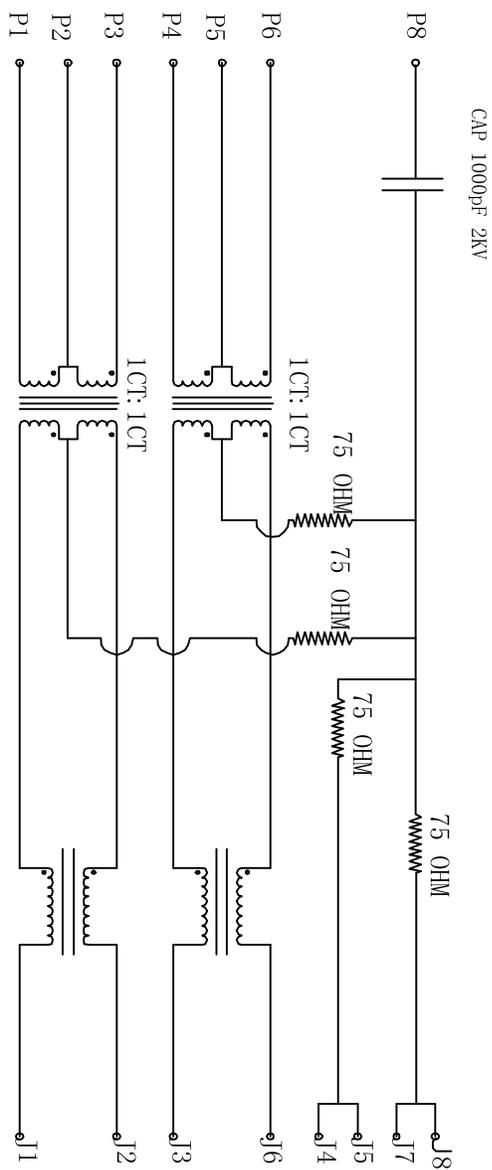
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Rev	AWO #	Description	Date	Appr
		SEE SHT 1 OF 2 FOR REVISION		

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Yellow	Green
P9	+	P11
P10	-	P12

ELECTRICAL SPECIFICATIONS:

- Turns Ratio: (P1~P3):(J1~J2) = 1:1±5%
(P4~P6):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- DC Resistance:(J1~J2):(J3~J6): 1.2 Ohms Max.
- Insertion Loss: 1-100MHz: -1.2dB Max.
30-60MHz: -16dB 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.XXX ±.015
.XXX ±.015 Ø.XXX ±.010

APPROVALS	DATE
AY	4/15/14

DRAWN	AY	4/15/14
CHECKED	GH	4/15/14
APPROVED		

ETA BEE

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

TITLE	SIZE	PART NO.	REV.
	X	MTJ-88TX1-FSP-LG-M5	
REF: S0005C	SCALE: NTS	SHEET 2 OF 2	

A

B

C

D

A

B

C

D

6

5

4

3

2

1