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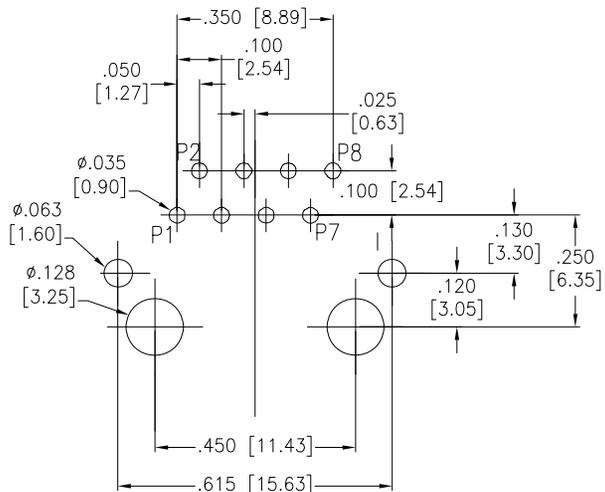
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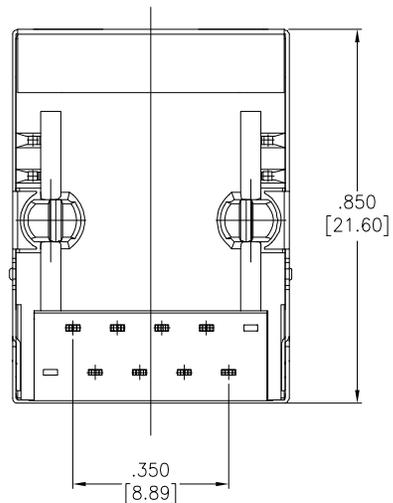
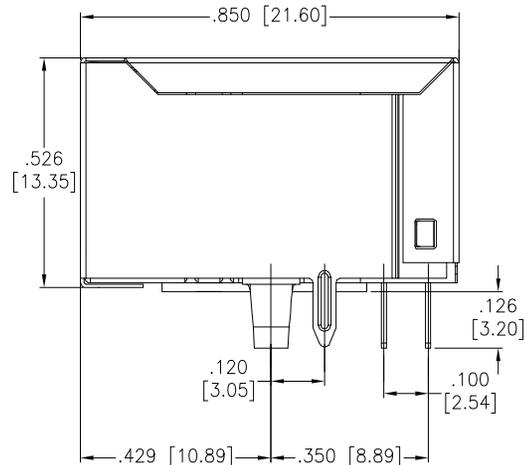
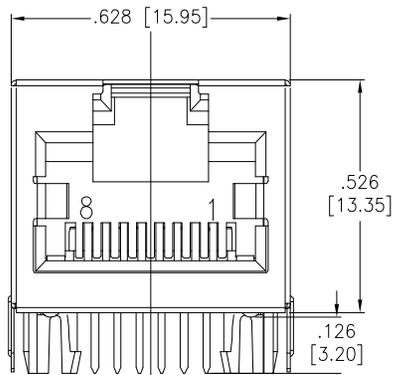
APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/10/14	



RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shield: Copper Alloy, Nickel plated

Contact Plating:

Gold Flash over Nickel underplate on contact area,

Tin over Copper underplate on tails

(See chart for thickness).

Electrical:

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 500 VAC for 1 minute

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	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	AY	7/10/14
CHECKED	SY	7/10/14
APPROVED		



TITLE		
MODULAR JACK GANGED, 1 PORT, 8P8C		
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-M14W	-
REF:	S00257T	SCALE: NTS
		SHEET 1 OF 2

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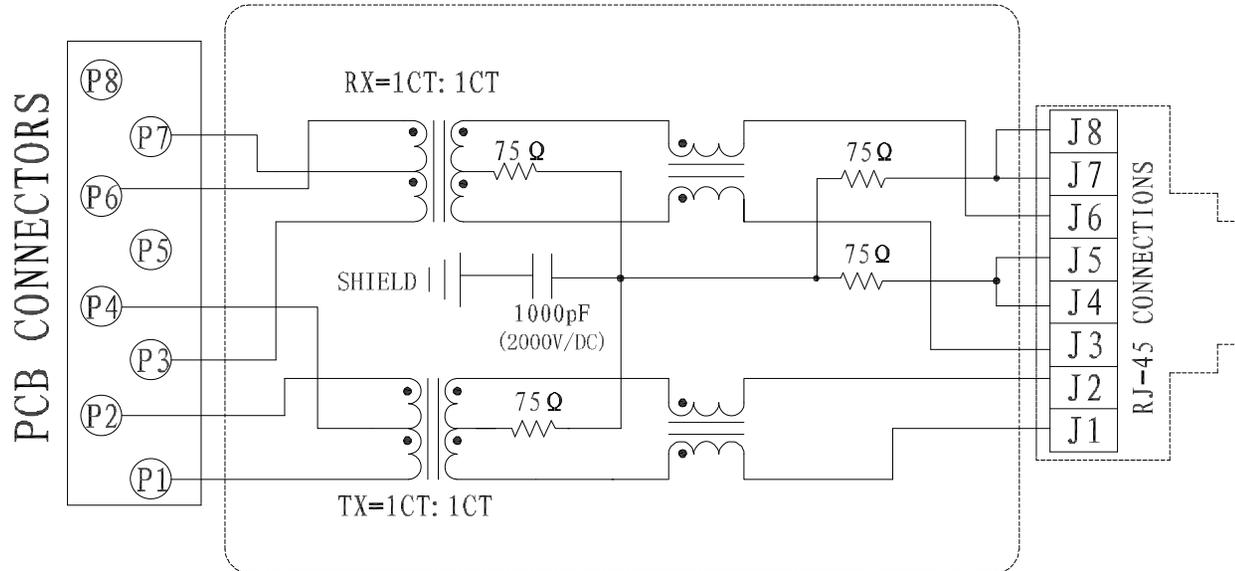
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APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/4/14	



ELECTRICAL SPECIFICATIONS @ 25°C

- 1.1 Insulation Voltage: 1500 VAC (Input to Output)
- 1.2 OCL: 350uH min @ 100 KHz, 100mV, 8mA DC
- 1.3 Insertion Loss: 100KHz TO 100MHz : -1.2dB Max.
- 1.4 Return Loss: 1MHz to 30MHz: -18 dB min  
30MHz to 60MHz: -14 dB min  
60MHz to 80MHz: -12 dB min
- 1.5 Common Mode Rejection: -30dB min @ 1MHz-100MHz
- 1.6 Cross Talk: 1MHz to 100MHz: -30dB min.

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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MODULAR JACK GANGED, 1 PORT, 8P8C		
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-M14W	-
REF: S00257T	SCALE: NTS	SHEET 2 OF 2

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