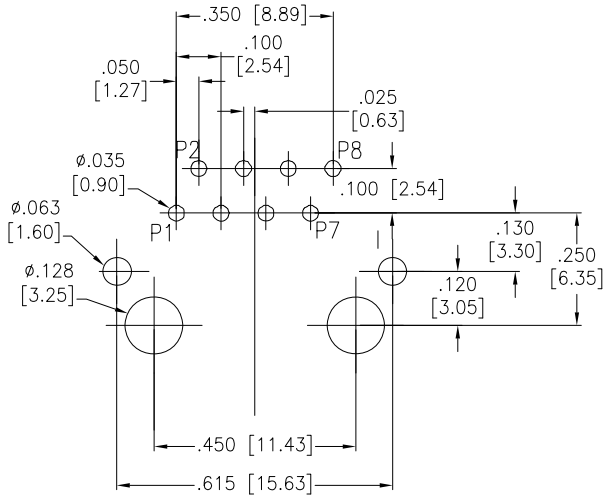
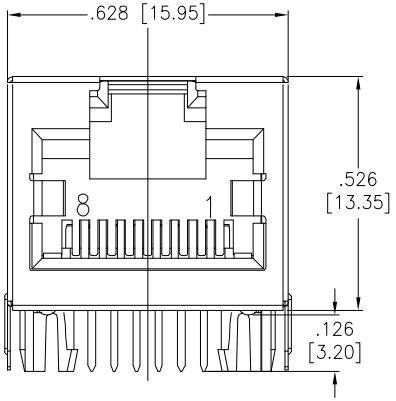
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/10/14	

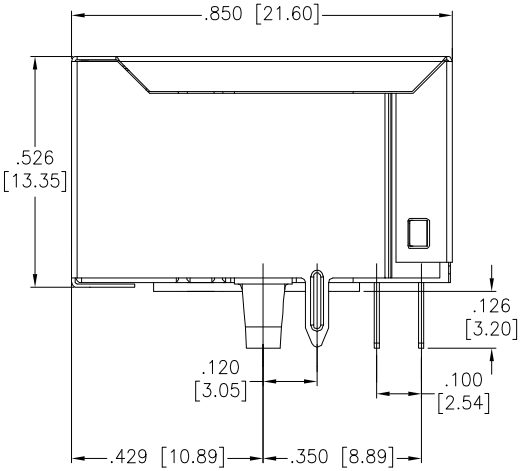
APPROVED: _____

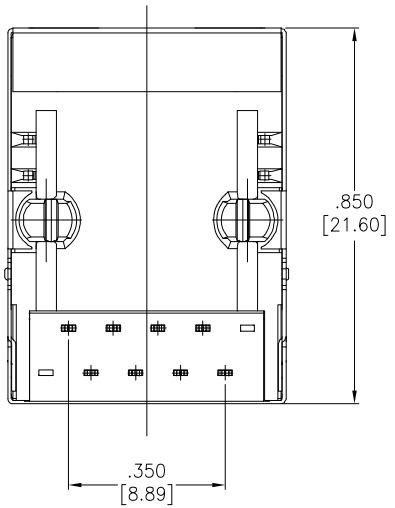
DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT







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.

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

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

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

TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

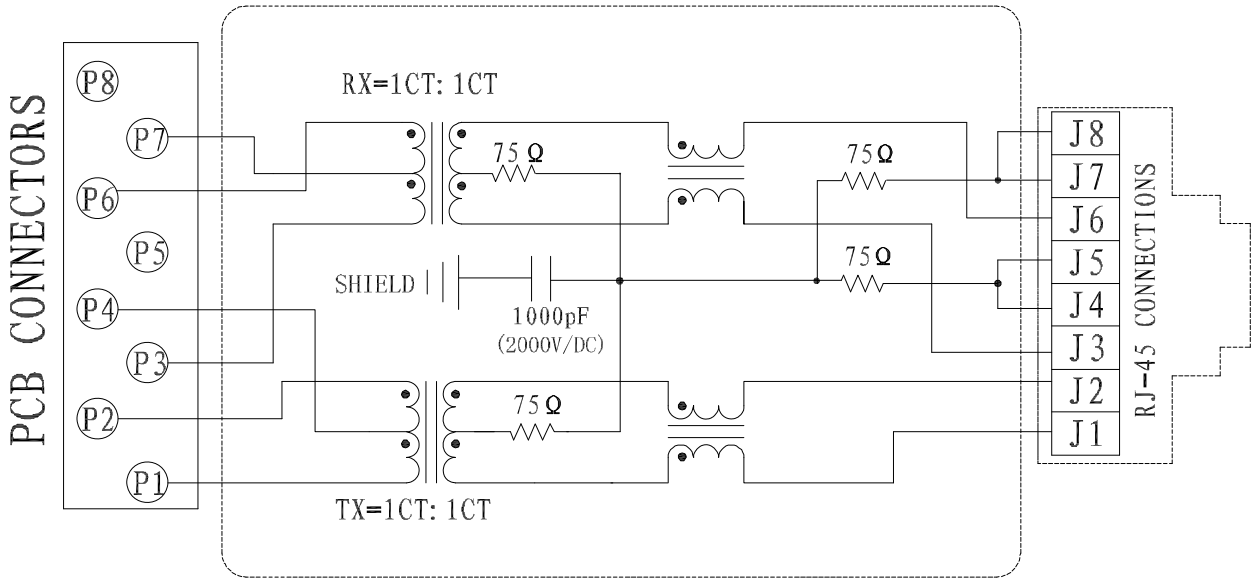
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-M14W	-

REF: S00257T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS @ 25°C

1.1 Insolation 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

APPROVALS		DATE
DRAWN	AY	7/10/14
CHECKED	SY	7/10/14
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TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-M14W	-

REF: S00257T | SCALE: NTS | SHEET 2 OF 2