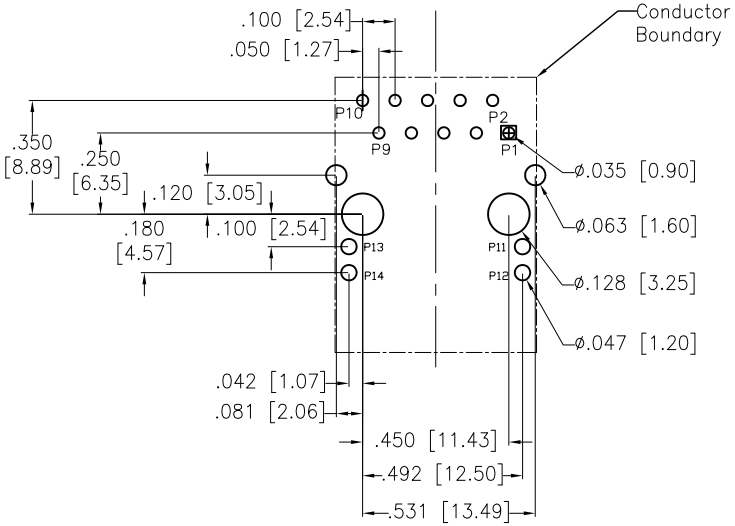
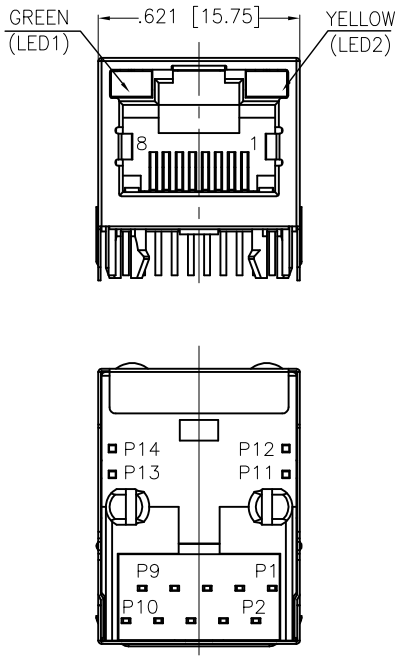
APPROVED: _____

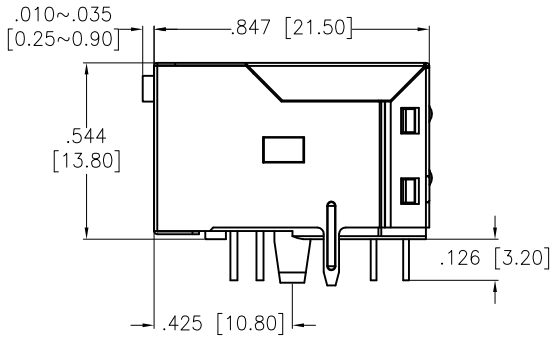
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/1/10	
A		UPDATED DRAWING	3/10/15	HR/GC
B		UPDATED DIM.	6/24/15	HR



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: Phosphor Bronze
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: 125 VAC max
Contact resistance: 20 mohms max
Insulation resistance: ,1000 Mohms min
Dielectric withstanding voltage: 2,250 VAC for 1 minute
Temperature Rating:
Operating temperature: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

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	11/1/10
CHECKED	VW	11/1/10
APPROVED		

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

TITLE: MODULAR JACK GANGED, 1 PORT, 10P8C W/ LED1 GREEN, LED2 YELLOW

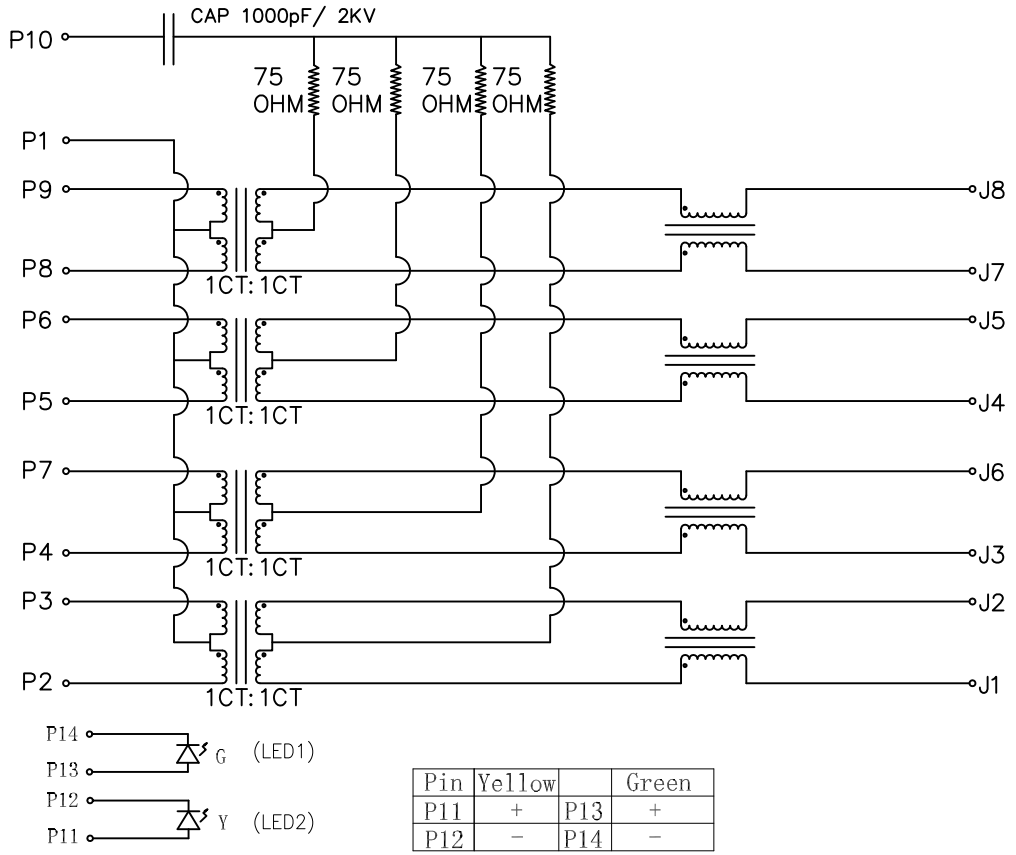
SIZE	PART NO.	REV.
X	MTJ-108TUX1-FSD-VLH-M124	B

REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Yellow		Green
P11	+	P13	+
P12	−	P14	−

ELECTRICAL SPECIFICATIONS

1. Turns Ratio @ 100 KHz: (P2 ~ P3) : (J1 ~ J2) :1:1 ±5%
   (P4 ~ P7) : (J3 ~ J6) :1:1 ±5%
   (P5 ~ P6) : (J4 ~ J5) :1:1 ±5%
   (P8 ~ P9) : (J7 ~ J8) :1:1 ±5%
2. Primary Inductance: 350uH min. @ 100KHz, 0.1V, 8mA DC Bias
3. DC Resistance: 1.2Ohms max
4. Insertion Loss: 1 to 100MHz: −1.0dB max
   100 to 125MHz: −1.2dB max
5. Return Loss: 1 to 40MHz: −16dB min
   40 to 60MHz: −12dB min
   60 to 80MHz: −10dB min
   80 to 100MHz: −8dB min
6. Cross Talk: 1 to 100MHz: −30dB min
7. Common to Common mode Attenuation: 1 to 100MHz: −30dB min
8. Isolation: PHY Side to Line Side: 2250 VDC

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	11/1/10
CHECKED	VW	11/1/10
APPROVED		

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

TITLE: MODULAR JACK GANGED, 1 PORT, 10P8C W/ LED1 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-108TUX1-FSD-VLH-M124	B

REF: S00005C | SCALE: NTS | SHEET 2 OF 2