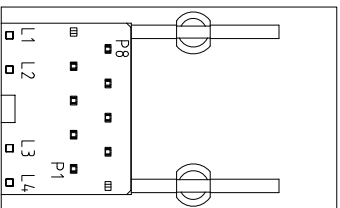
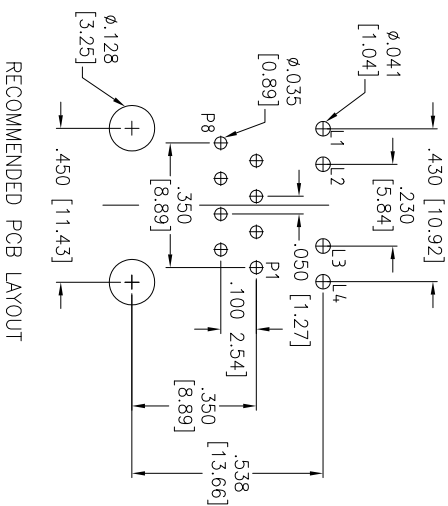
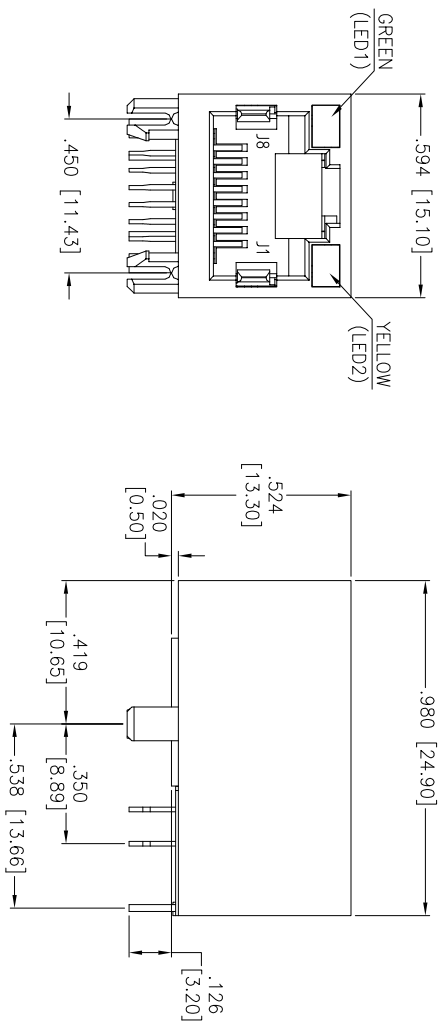


Rev	AWO #	Description	Date	Appr
-		RELEASED	8/16/13	

APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Contact Plating:

Gold Flash over Nickel underplate on contact area,
Tin over Copper underplate on tails

(See chart for thickness).

Electrical:

Contact Resistance: 30 mohms max. initial

Insulation resistance: 500 Mohms min @ 500 VDC

Dielectric withstanding voltage: 1,500 VAC for 1 minute
Temperature Rating:

Operating temperature

Environmental:

Lead free, F

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	HILES
.X ± .10	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010
APPROVALS	DATE

DRAWN	AY	8/16/13
CHECKED	AL	8/16/13
APPROVED		

REF: S00167T		SCALE: NTS		SHEET 1 OF 2	
X		MTJ-88SX1-LH-M204-HT		-	
SIZE		PART NO.		REV	
ADAM TECH 909 Railway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710 TITLE MODULAR JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW					

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

MODULAR JACK, 1 PORT, 8P8C

W/LED1 GREEN, LED2 YELLOW

6

5

4

3

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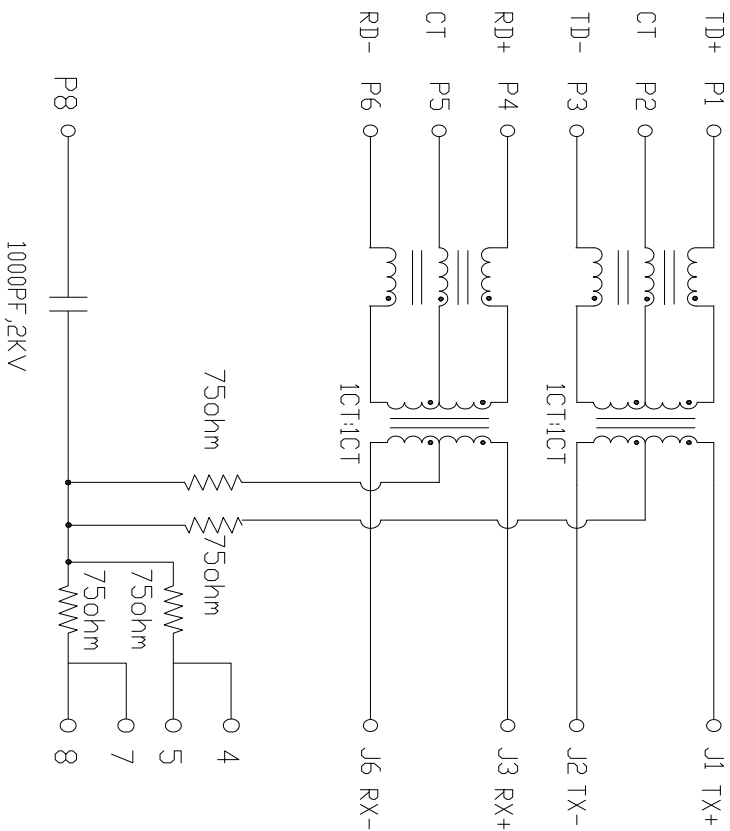
1

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

APPROVED: _____

DATE: _____ TITLE: _____

PCB SIDE TO PHY

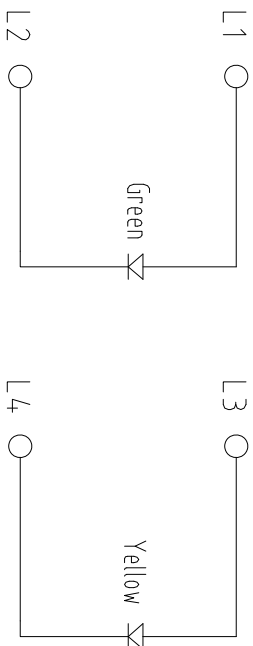


CABLE SIDE

SPECIFICATIONS:

Material:

1. Turn Ratio: P1-P3:J1-J2=1:1(±3%)
P4-P6:J3-J6=1:1(±3%)
2. Primary Inductance: 350μH Min. @100kHz, 0.1Vrms, 8mA DC BIAS
3. Hi-POT TEST: (P1-P3)-(J1-J2) 1500Vrms AC
(P4-P6)-(J3-J6) 1500Vrms AC
4. TRANSMITTER FILTER
(Type: Balance Low Pass 100 Ohm Impedance Norm)
Insertion Loss: 1~100 MHz -1.1dB MAX
Return Loss: 1~30 MHz -18dB MIN
30~60 MHz -14dB MIN
60~80 MHz -12dB MIN
5. CROSS TALK: 0.5~40 MHz -35dB MIN
40~100 MHz -33~20LOG(f/50)dB MIN
6. CM TO CM REJECTION: 0.5~100 MHz -30dB MIN



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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES HOLES X ±.10 ØX ±.10 .XX ±.020 ØXX ±.015 .XXX ±.015 ØXXX ±.010				APPROVALS		DATE		TITLE	
DRAWN	AY		8/16/13						
CHECKED	AL		8/16/13						
APPROVED									
REF:	S00167T	SCALE:	NTS	SHEET	2 OF 2				

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