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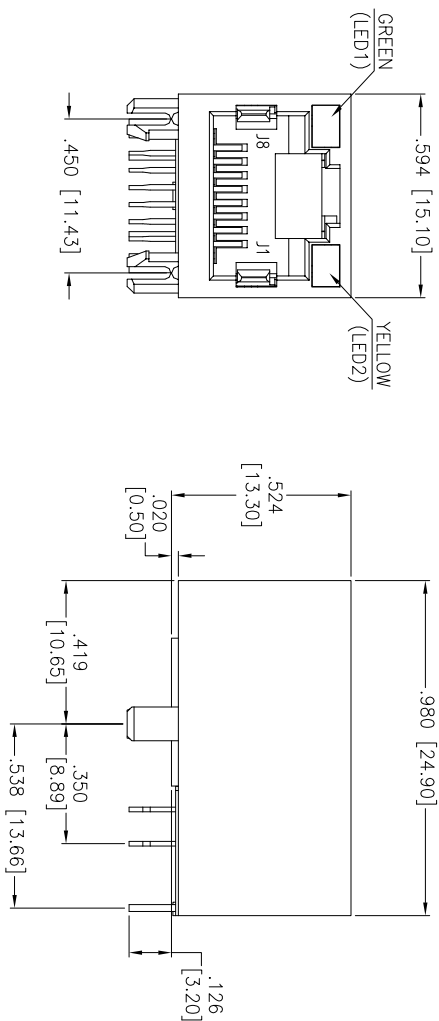
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Rev	AWO #	Description	Date	Appr
-		RELEASED	8/16/13	

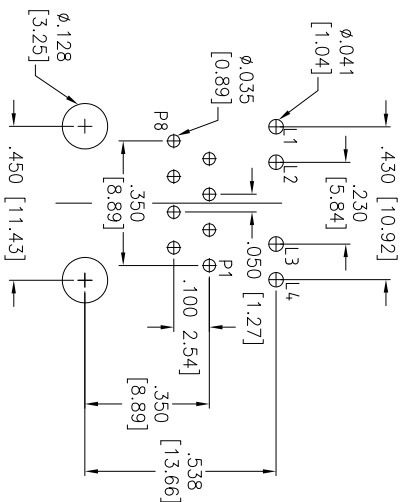
APPROVED: _____

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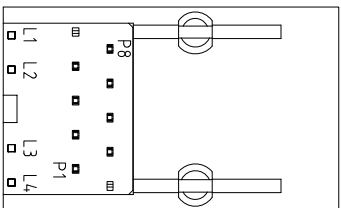


C



RECOMMENDED PCB LAYOUT

B



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 minut

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.

X	PLATING
0	15 μ m Gold
1	30 μ m Gold
2	50 μ m Gold

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES

.X $\pm$.10 $\varnothing$.X $\pm$.10
.XX $\pm$.020 $\varnothing$.XX $\pm$.015
.XXX $\pm$.015 $\varnothing$.XXX $\pm$.010

APPROVALS

DATE

DRAWN

DATE

CHECKED

DATE

APPROVED

DATE

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

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

TITLE

MODULAR JACK, 1 PORT, 8P8C

W/LED1 GREEN, LED2 YELLOW

SIZE

PART NO.

MTJ-88SX1-LH-M204-HT

REV.

-

REF:

S00167T

SCALE:

NTS

SHEET 1 OF 2

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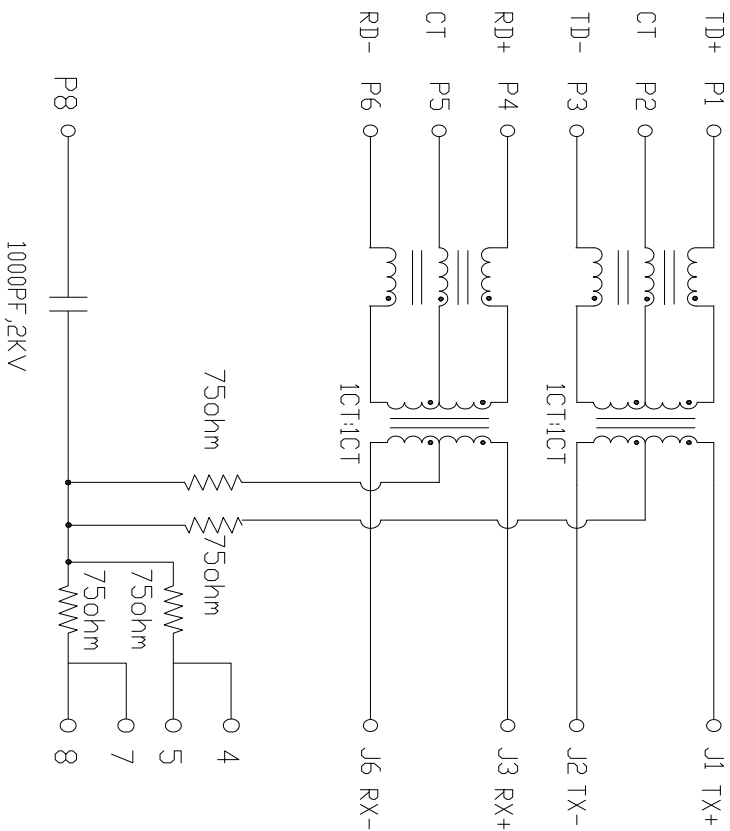
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Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

PCB SIDE TO PHY

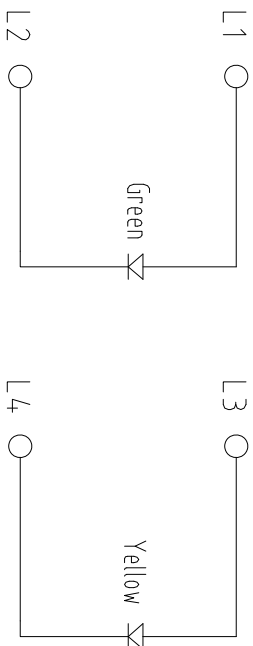


CABLE SIDE

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 Ø.X ±.10 .XX ±.020 Ø.XX ±.015 .XXX ±.015 Ø.XXX ±.010				APPROVALS		DATE		TITLE	
DRAWN	AY		8/16/13					SIZE	PART NO.
CHECKED	AL		8/16/13					REF:	MTJ-88SX1-LH-M204-HT
APPROVED								SCALE:	NTS
								SHEET	2 OF 2

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