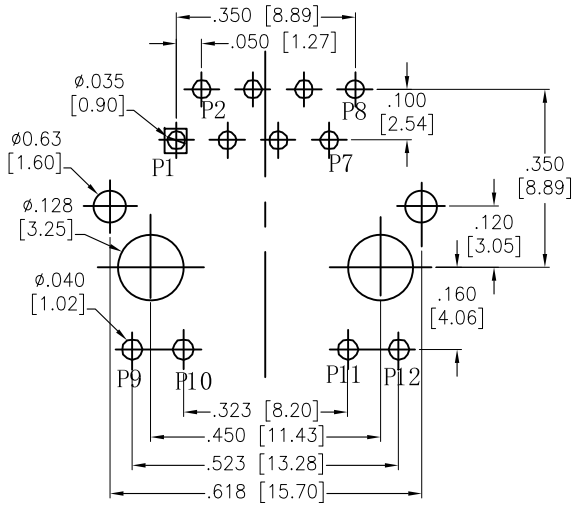
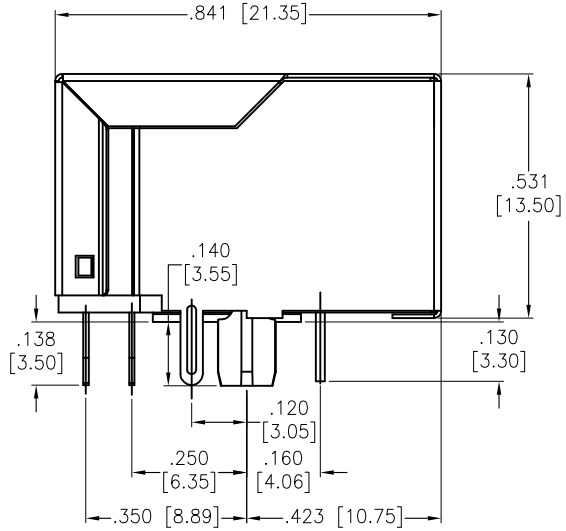
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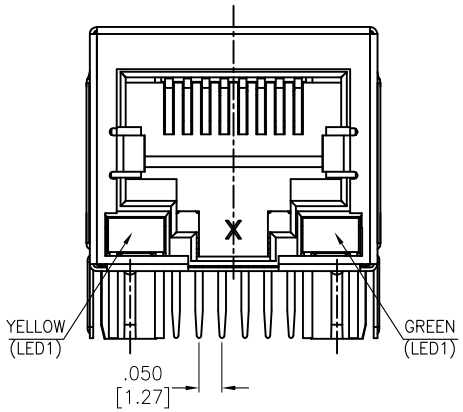
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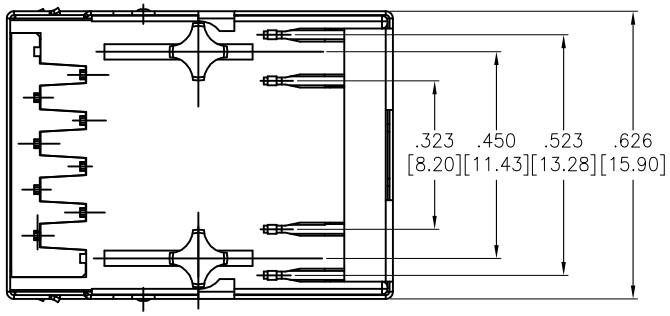
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/22/13	
A		UPDATE DRAWING	11/15/24	LH/MC



RECOMMENDED PCB LAYOUT







SPECIFICATIONS:

Material:

Insulator: Thermoastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper alloy

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

Electrical:

Voltage rating: 150 VAC max

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1500V AC or 2250V DC

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

DRAWN	AY	7/22/13
CHECKED	EH	7/22/13
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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

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

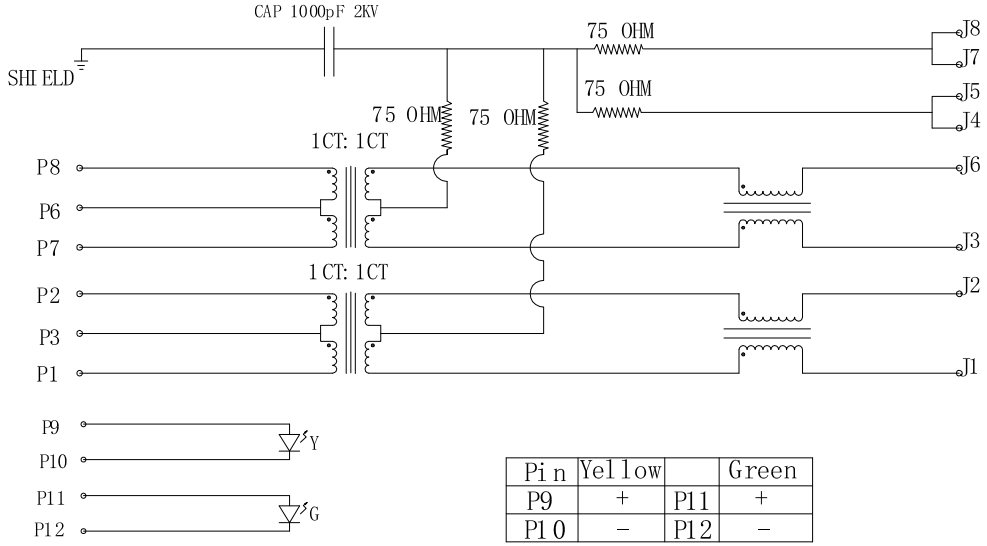
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LG1-M83	A

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
P9	+	P11	+
P10	-	P12	-

Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P7~P8):(J3~J6) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
4. Insertion Loss: 1-100MHz -1.2dB MAX
5. Return Loss: 1-30MHz -16dB MIN
   30-60MHz -12dB MIN
   60-80MHz -10dB MIN
6. CROSS TALK: 1-100MHz -30dB MIN
7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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

DRAWN	AY	7/22/13
CHECKED	EH	7/22/13
APPROVED		

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SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LG1-M83	A

REF:	SCALE:	SHEET
S00005C	NTS	2 OF 2