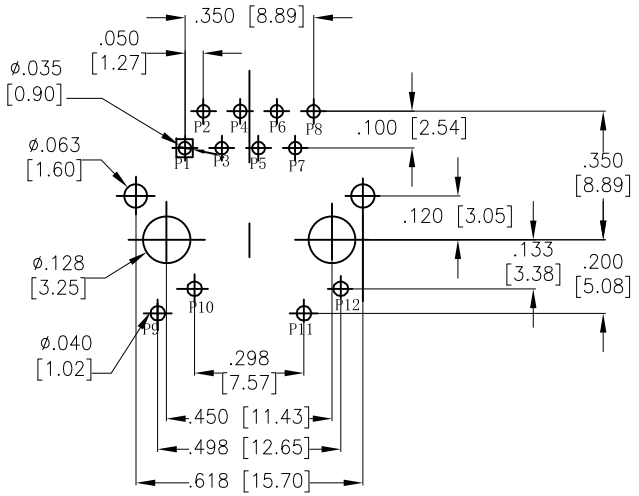
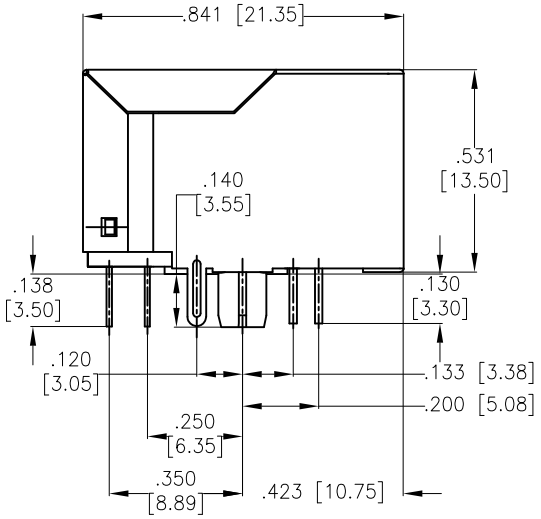
APPROVED: _____

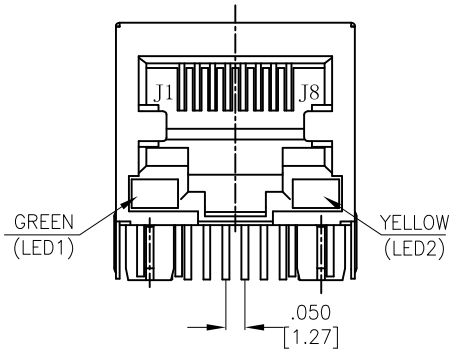
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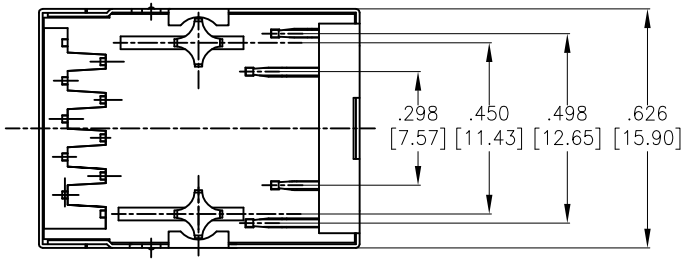
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/22/10	
A		UPDATE DIM. & SPEC	6/15/15	AY/CH
B		UPDATE SPEC	11/14/17	AY/RT
C		UPDATE SPEC	9/4/19	AY/YC



RECOMMENDED PCB LAYOUT







SPECIFICATIONS:

Material:

Housing: PA66, rated UL 94V–0, Color: Black

Insert: PBT, rated UL 94V–0, 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: 1500VAC or 2250 VDC

Temperature Rating:

Operating temperature: –40°C to +85°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	DY	3/22/10
CHECKED		
APPROVED		

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

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

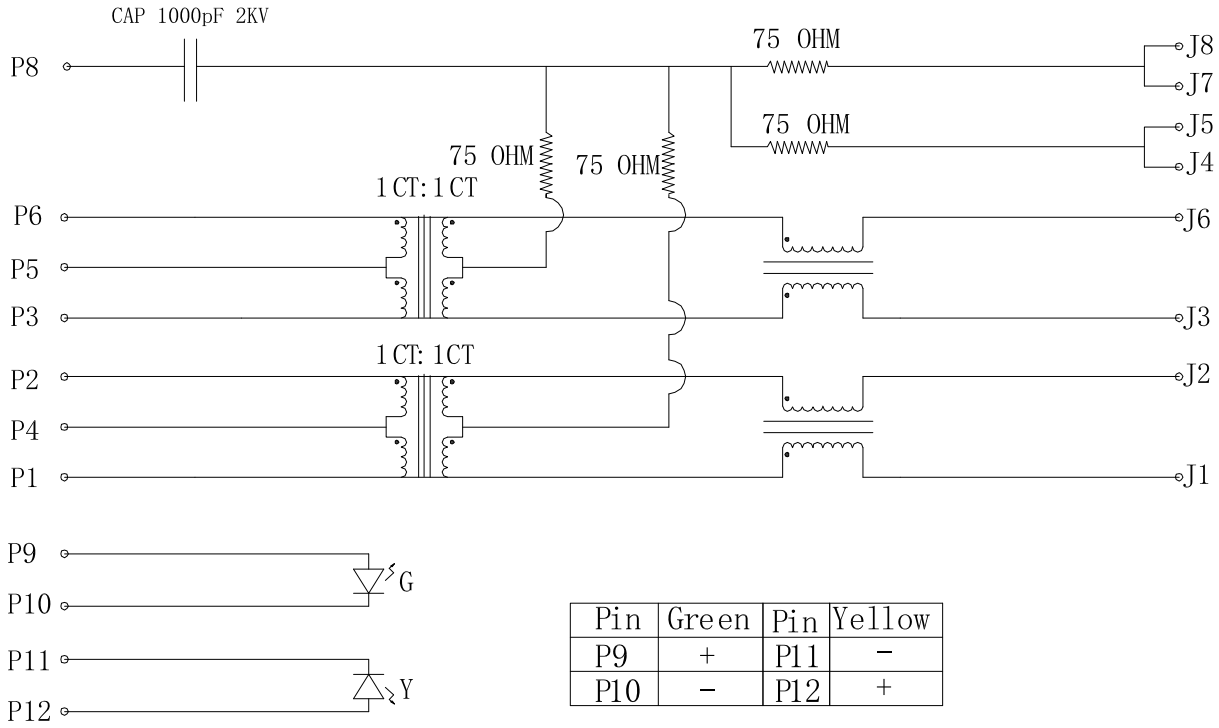
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LH-M4	C

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

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

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Green	Pin	Yellow
P9	+	P11	−
P10	−	P12	+

Electronical Specifications:

1.Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(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

APPROVALS		DATE
DRAWN		
CHECKED		
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LH-M4	C

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