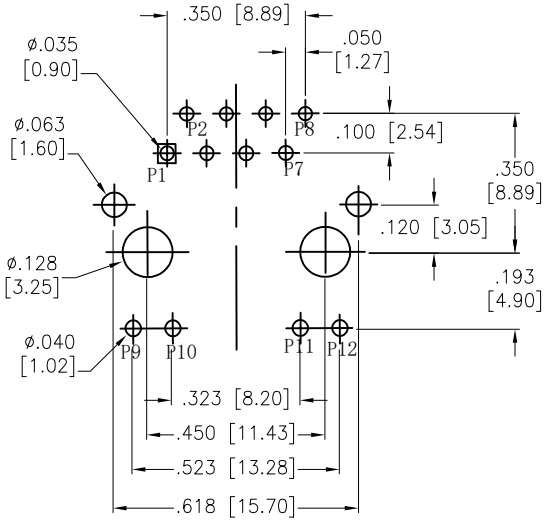
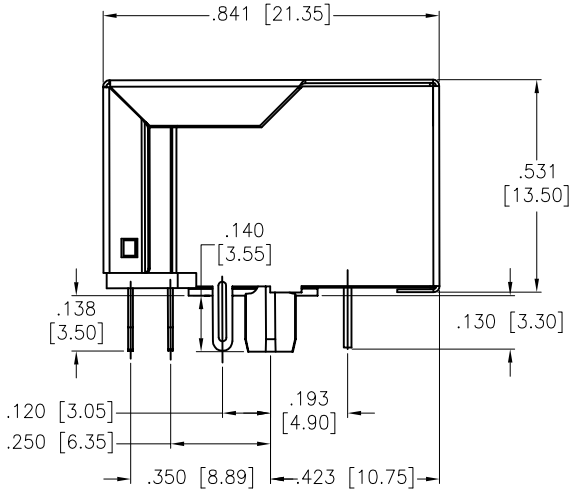
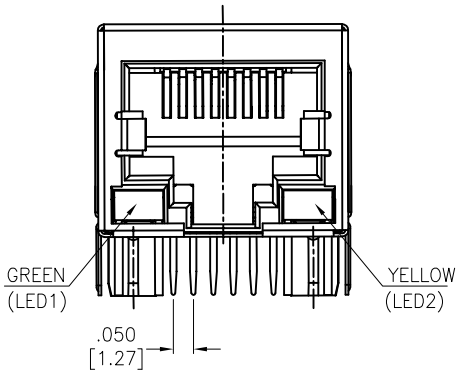
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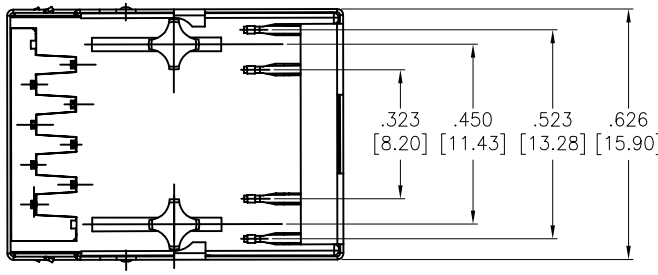
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/28/17	
A		UPDATE SPEC.	4/25/18	AY/MY
B		UPDATE DRAWING	11/13/24	WY/MC









SPECIFICATIONS:

Material:
Insulator: PA66, rated UL 94V-0
Insulator 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
Contact resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500VAC or 2,250VDC

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	HR	9/28/17
CHECKED	MY	9/28/17
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

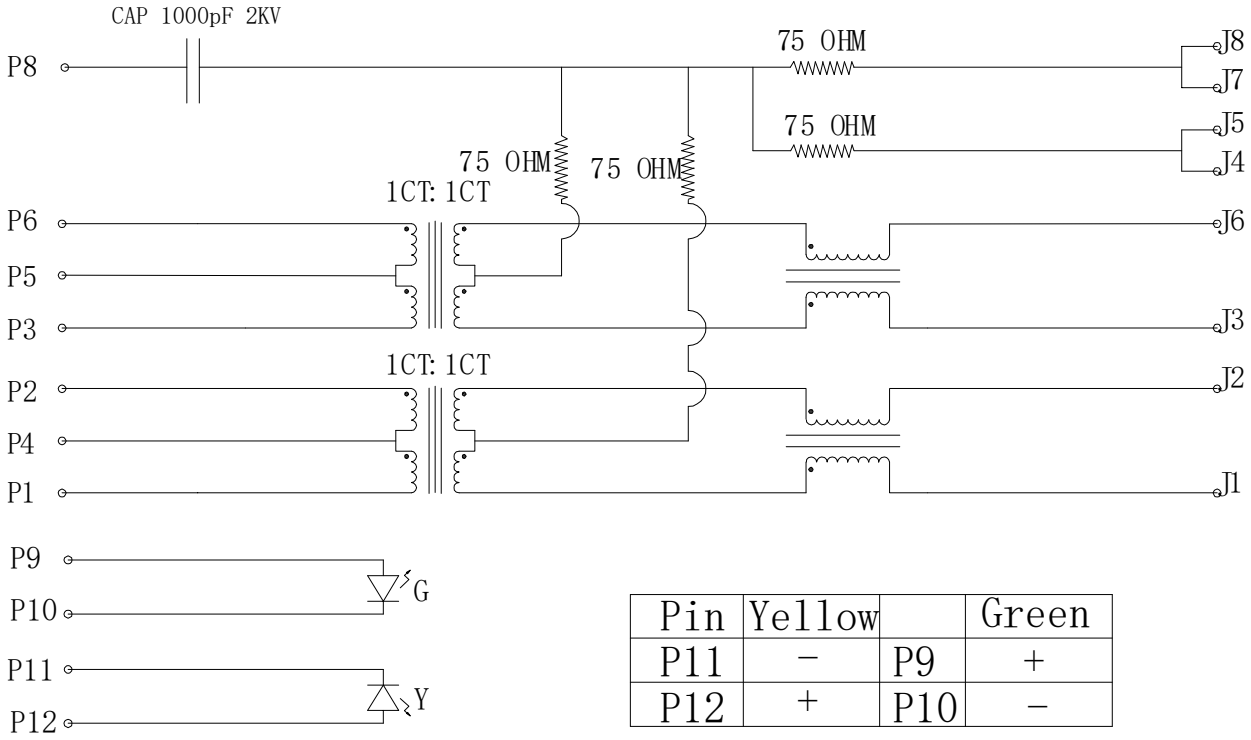
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LH-M4C1	B

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	−	P9	+
P12	+	P10	−

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	HR	7/15/16
CHECKED	MY	7/15/16
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-LH-M4C1	B

REF: S00005C SCALE: NTS SHEET 2 OF 2