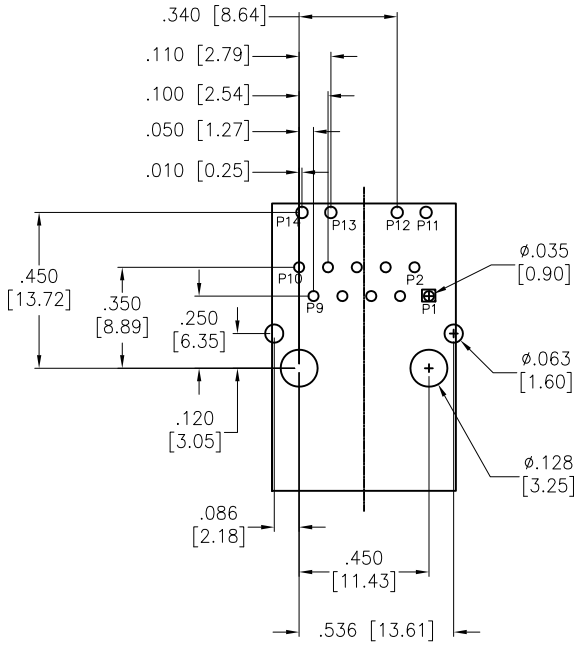
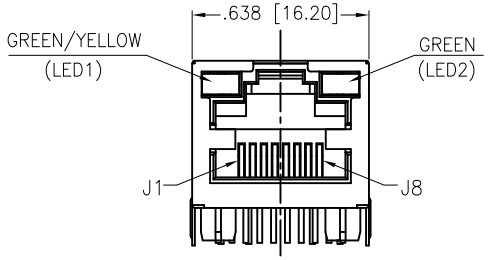
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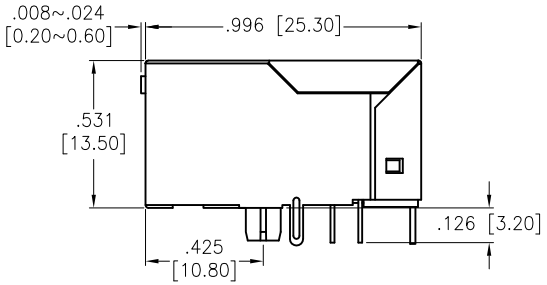
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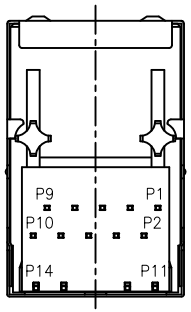
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/24/17	
A		REVISED J1 & J8	6/1/17	HR/DH



RECOMMENDED PCB LAYOUT







X	PLATING
0	15 µIn Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

Material:
Housing: Thermoplastic, rated UL 94V–0, Color: Black
Contacts: Phosphor Bronze
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
(See chart for thickness)
Electrical:
Voltage rating: 150 VAC max
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 2,250VDC for 1 minute
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	5/24/17
CHECKED	DH	5/24/17
APPROVED		

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 GREEN/YELLOW, LED2 GREEN

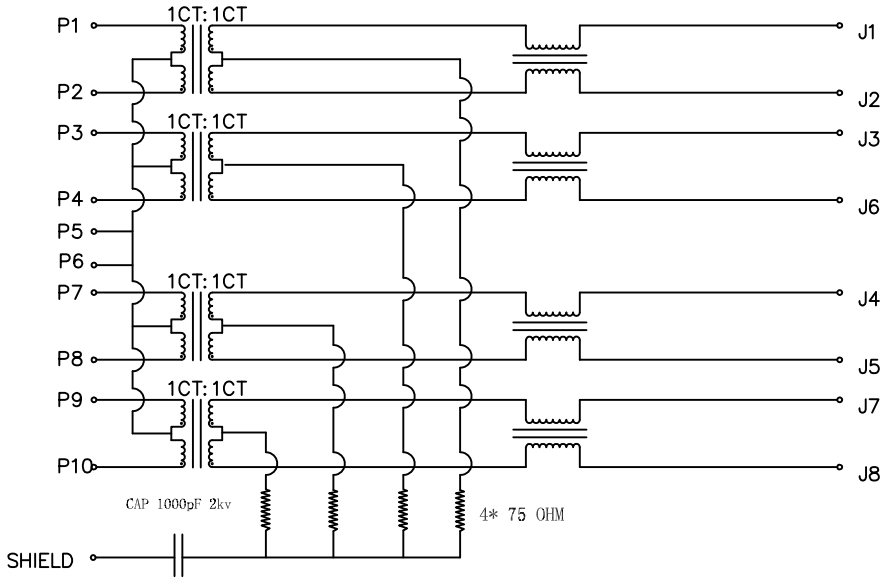
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-L38-M21C	A

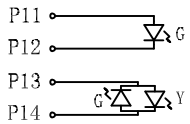
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





Pin	Green		Green	Yellow
P11	+	P13	−	+
P12	−	P14	+	−

Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P3~P4):(J3~J6) = 1:1±5%
   (P7~P8):(J4~J5) = 1:1±5%
   (P9~P10):(J7~J8) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance: 1.2 OHMS MAX
4. Insertion Loss: 1−100MHz −1.0dB MAX
   100−125MHz −1.2dB MAX
5. Return Loss: 1−40MHz −16dB MIN
   40−60MHz −12dB MIN
   60−80MHz −10dB MIN
   80−100MHz −8dB MIN
6. CROSS TALK: 1−100MHz −30dB MAX
7. COMMON TO COMMON MODE ATTENUATION: 1−100MHz −30dB MIN
8. Isolation: PHY Side to Line Side: 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	5/24/17
CHECKED	DH	5/24/17
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-L38-M21C	A

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