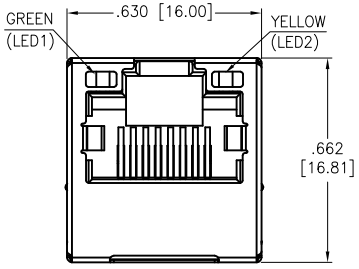
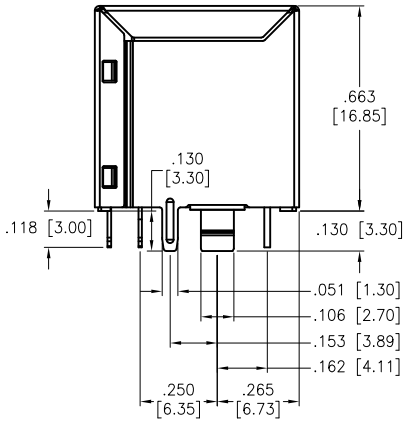
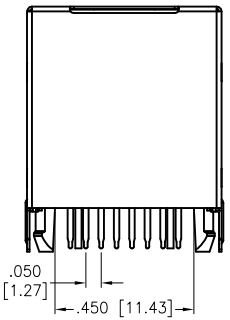
APPROVED: _____

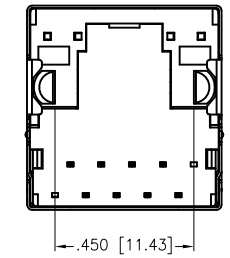
DATE: _____ TITLE:

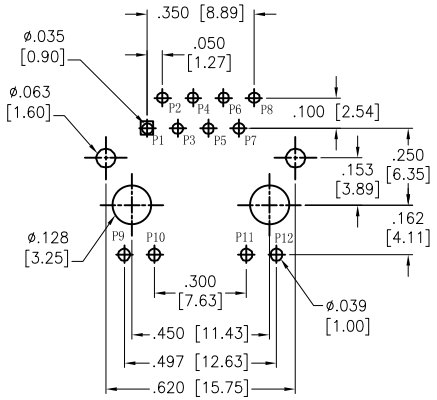
Rev	AWO #	Description	Date	Appr
-		RELEASED	6/12/09	
A		REDRAWN	4/23/12	
B		REVISED DIM.	11/14/12	
C		UPDATED DRAWING	7/28/17	HR/MY
D		UPDATED DRAWING	7/10/18	HR/RT











RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Housing: PA66, rated UL 94V–0, Color: Black
Inserter: 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: 1,500 VAC or 2,250 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	6/12/09
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

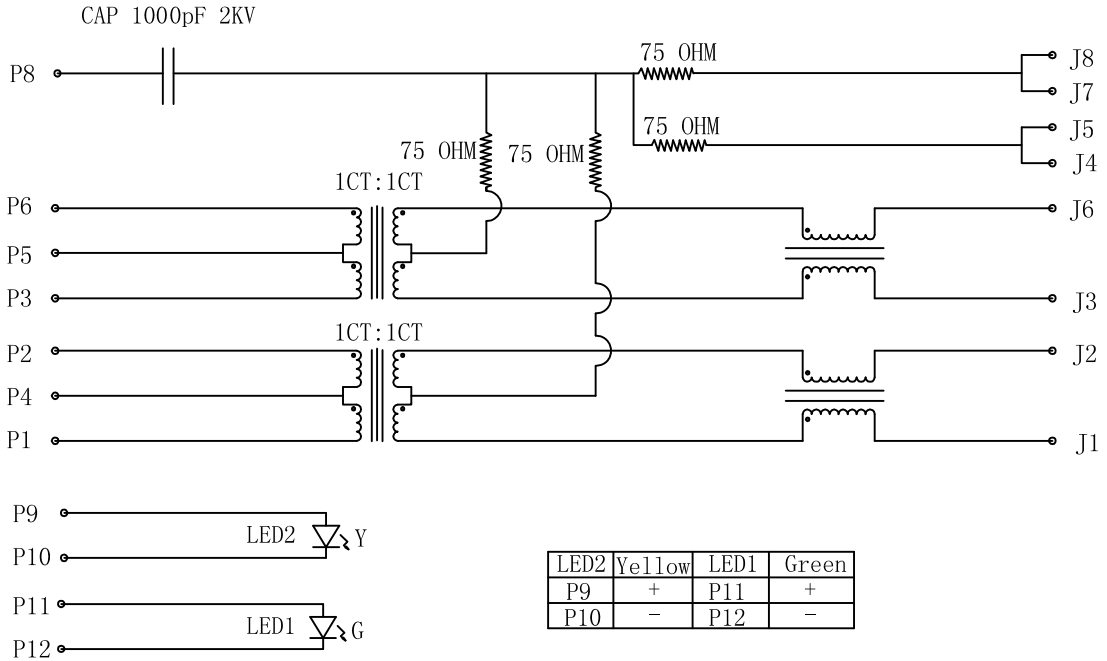
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH-M4	D

REF:	SCALE:	SHEET
S00005C	NTS	1 OF 2

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

APPROVED: _____

DATE: _____ TITLE:



LED2	Yellow	LED1	Green
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	DY	6/12/09
CHECKED		
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH-M4	D

REF:	SCALE:	SHEET
S00005C	NTS	2 OF 2