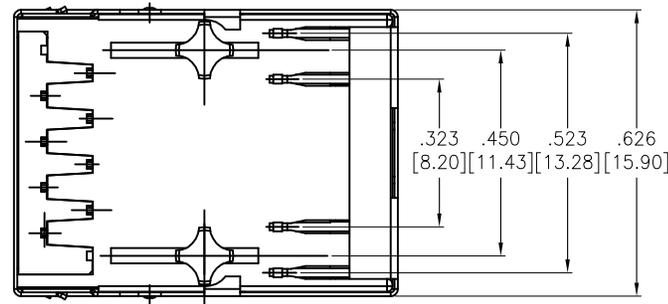
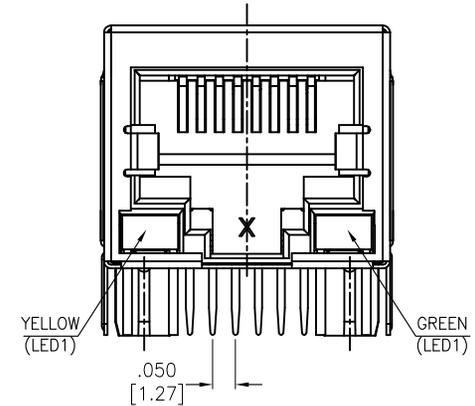
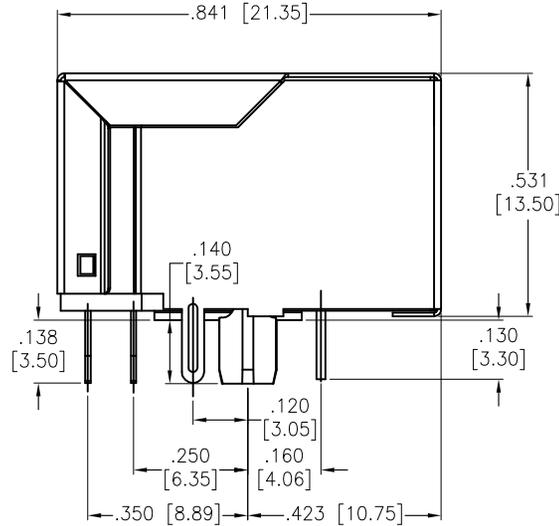
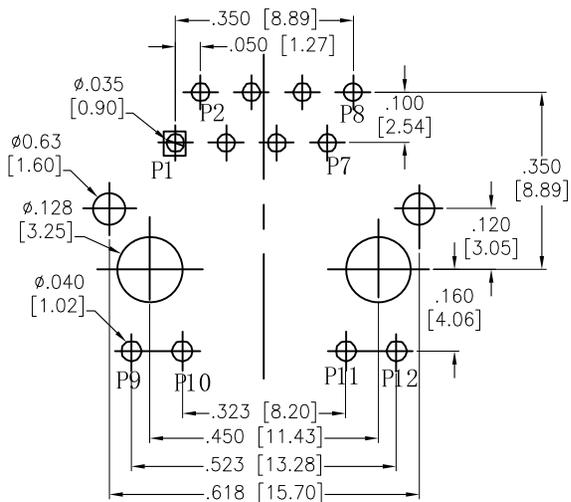


APPROVED: _____

DATE: _____ TITLE: _____

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



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.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	ϕ .X	± .10
.XX	± .020	ϕ .XX	± .015
.XXX	± .015	ϕ .XXX	± .010



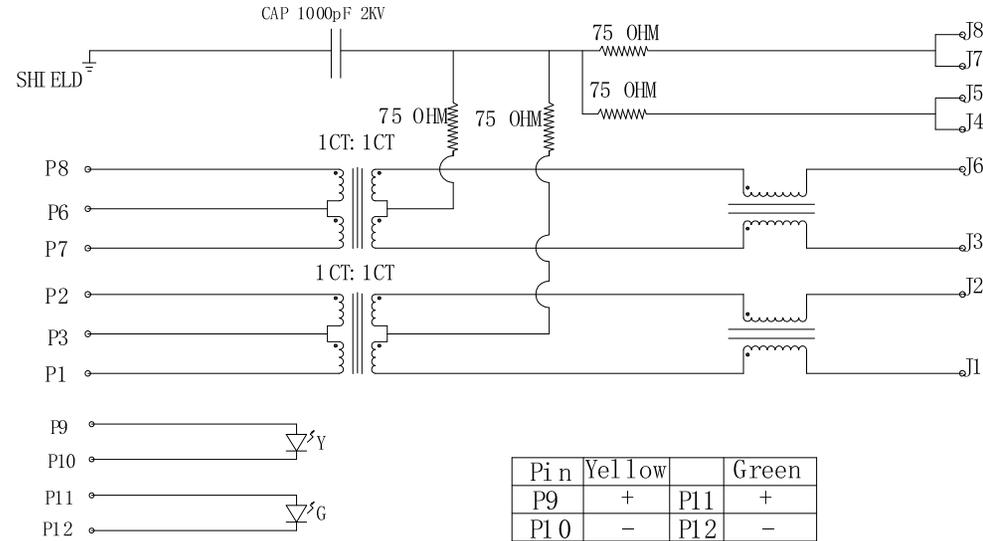
DRAWN	AY	7/22/13
CHECKED	EH	7/22/13
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

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

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Yellow		Green
P9	+	P11	+
P10	-	P12	-

Electronical Specifications:

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P7~P8):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.2dB MAX
- Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 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			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH			



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 2 OF 2	