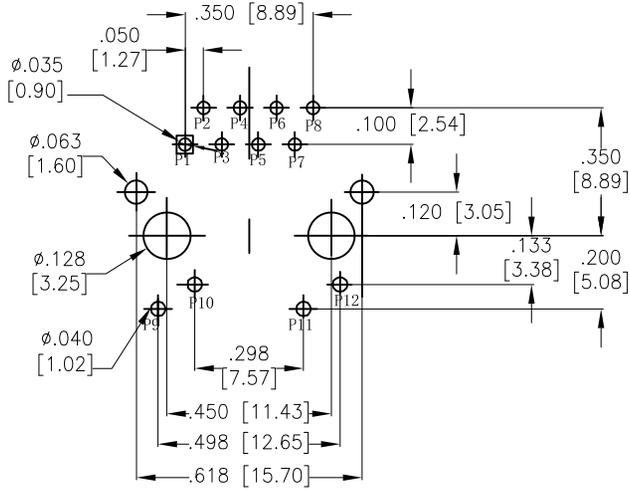
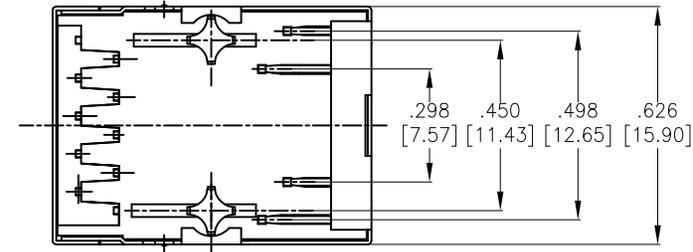
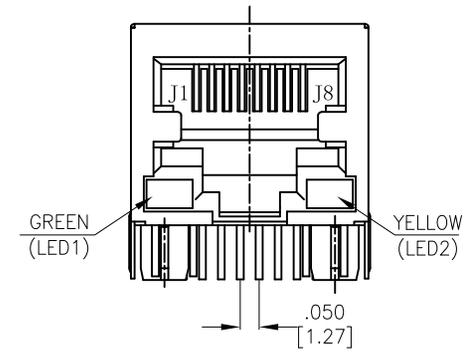
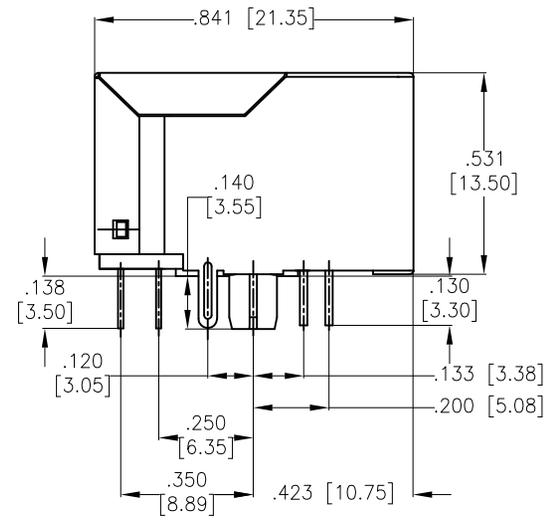


APPROVED: _____
 DATE: _____ TITLE: _____

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.



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

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

APPROVALS		DATE
DRAWN	DY	3/22/10
CHECKED		
APPROVED		



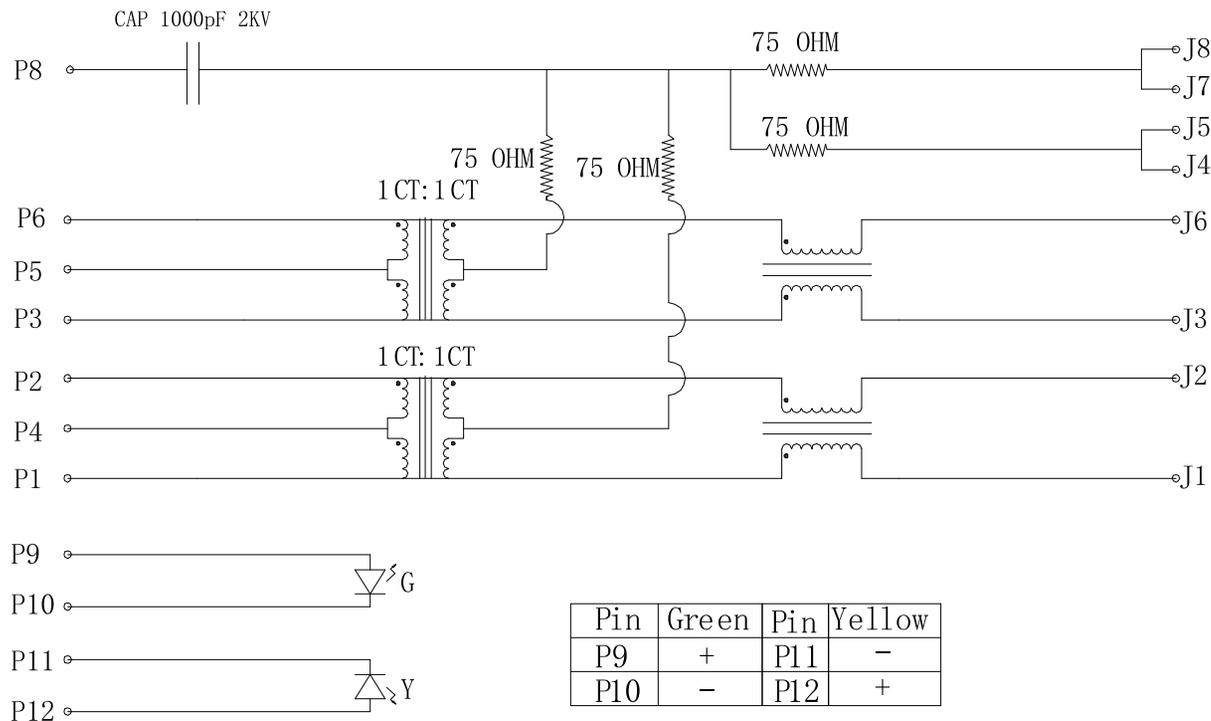
TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88TX1-FSD-D1LH-M4	REV. C
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

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



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

Electronical Specifications:

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



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

APPROVALS		DATE
DRAWN		
CHECKED		
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LH-M4	C
REF: S00005C	SCALE: NTS	SHEET 2 OF 2