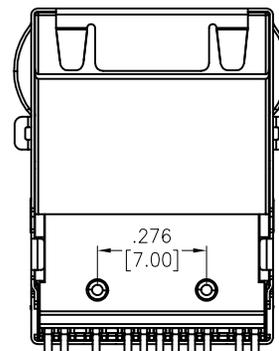
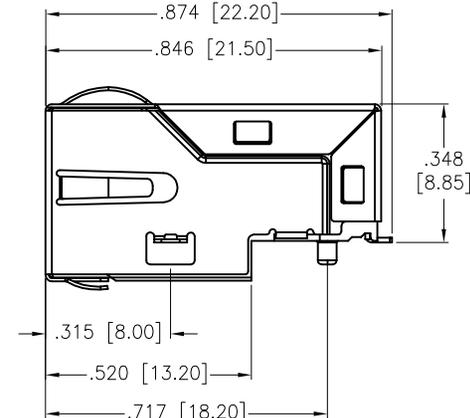
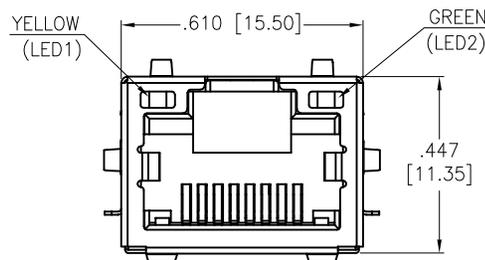
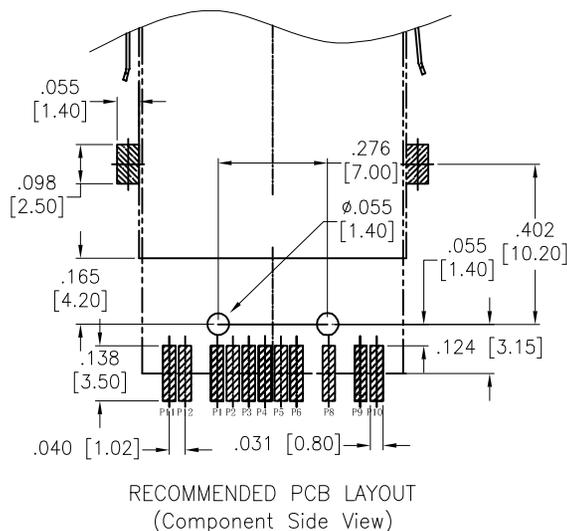


APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/8/18	
A		UPDATE PCB LAYOUT	4/8/24	JJ/JL



**SPECIFICATIONS:**

Material:  
Housing: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
Inserter: Hi-Temp Thermoplastic, 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.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
INCHES                      HOLES		
.X	± .10	ØX    ±.10
.XX	± .020	ØXX   ±.015
.XXX	± .015	ØXXX   ±.010
DRAWN	AY	2/8/18
CHECKED	RC	2/8/18
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

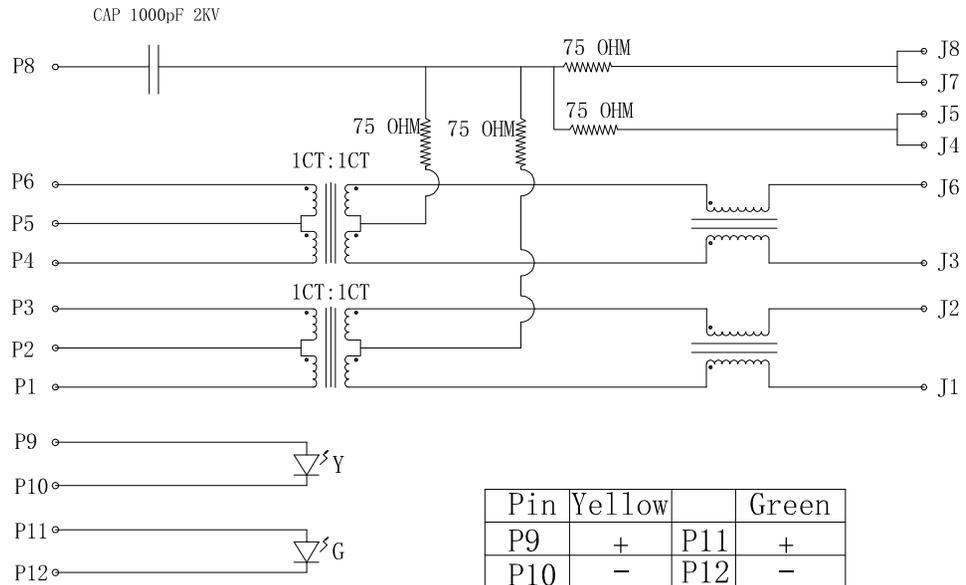


TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN		
SIZE X	PART NO. MTJ-88TUEX1-FS-PG-LG-M5C-T/R	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 1

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



Pin	Yellow		Green
P9	+	P11	+
P10	-	P12	-

Electrical Specifications:

- Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%  
(P4~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	Øx	±.10
.xx	± .020	Øxx	±.015
.xxx	± .015	Øxxx	±.010

DRAWN	AY	2/8/18
CHECKED	RC	2/8/18
APPROVED		

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TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN		
SIZE X	PART NO. MTJ-88TUEX1-FS-PG-LG-M5C-T/R	REV. A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2