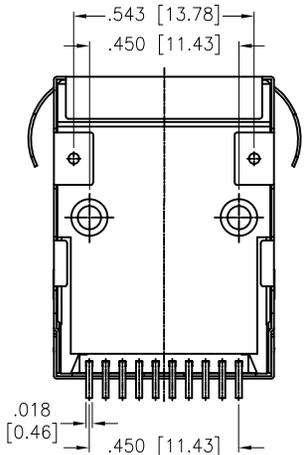
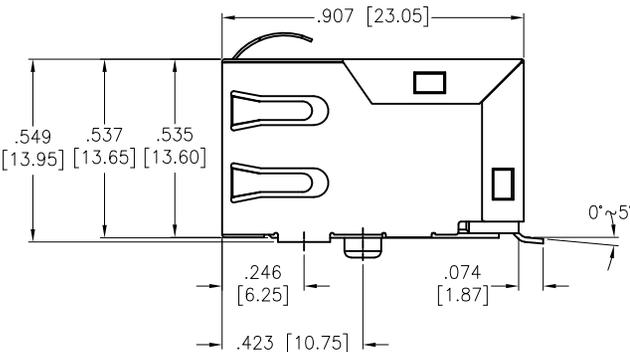
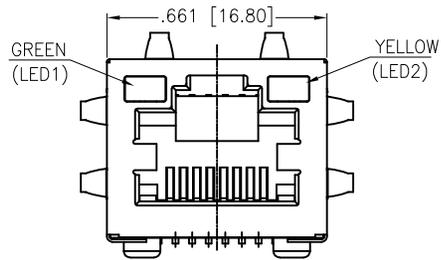
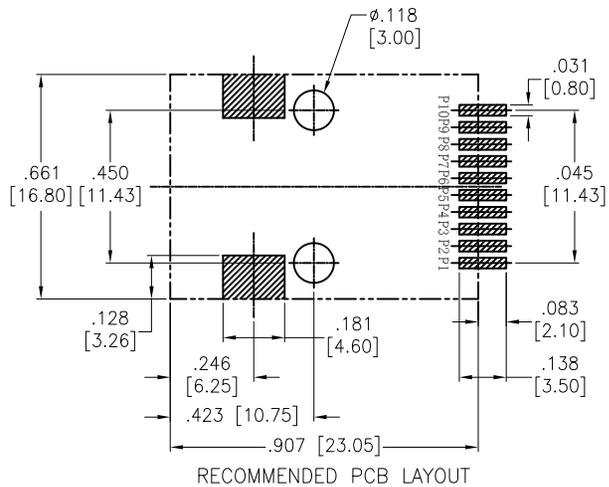


Rev	AWO #	Description	Date	Appr
-		RELEASED	5/18/21	

APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS:
 Material:
 Housing: Hi-Temp Thermoplastic, rated UL 94V-0
 Housing Color: Black
 Inserter: Hi-Temp Thermoplastic, rated UL 94V-0
 Inserter 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: 1500VAC or 2250VDC
 Temperature Rating:
 Operating temperature: 0°C to +70°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	JJ	5/18/21
CHECKED	YC	5/18/21
APPROVED		

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

SIZE	PART NO.	REV.
X	MTJ-88TULX1-FS-PG6-LH-SMT-M360C-T/R	-
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

6 5 4 3 2 1

D
C
B
A

D
C
B
A

6 5 4 3 2 1

6

5

4

3

2

1

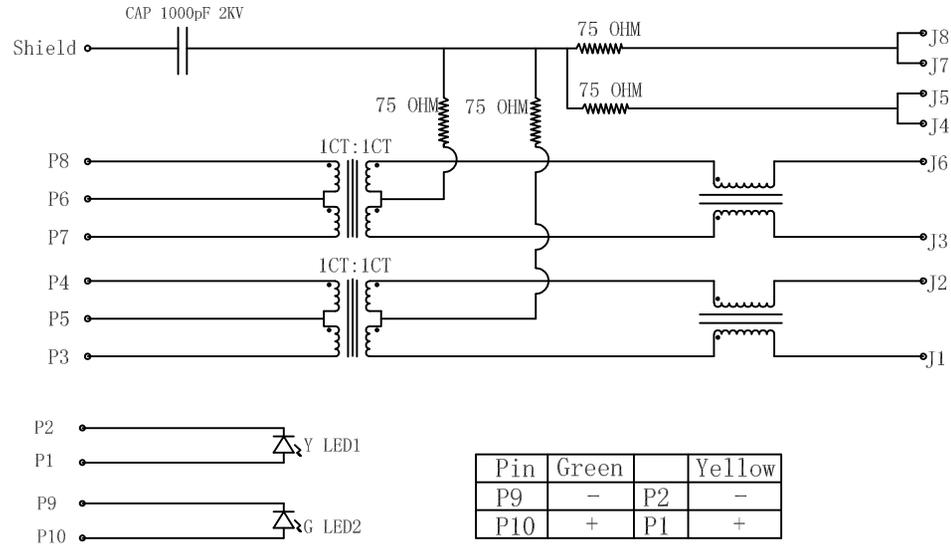
Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION

APPROVED: _____

DATE: _____ TITLE: _____

Circuit Schematic:



Electronical Specifications:

- Turn Ratio @100KHz: (P3~P4):(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	JJ	5/18/21
CHECKED	YC	5/18/21
APPROVED		

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

SIZE X	PART NO. MTJ-88TULX1-FS-PG6-LH-SMT-M360C-TR	REV. -
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REF: S00005C	SCALE: NTS	SHEET 2 OF 2
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6

5

4

3

2

1