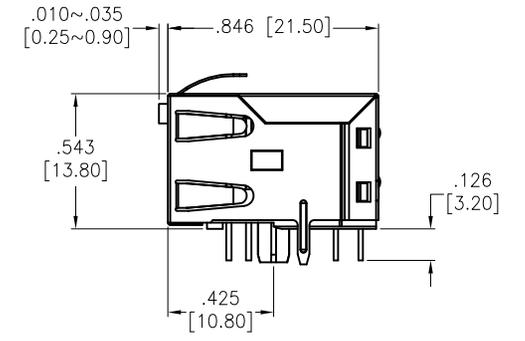
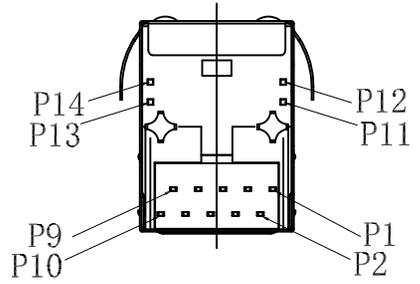
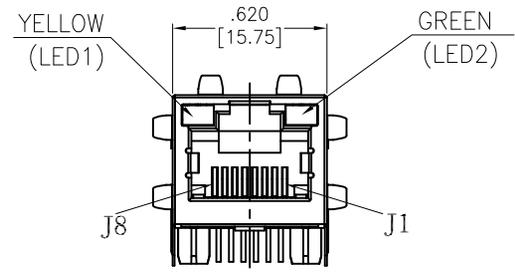
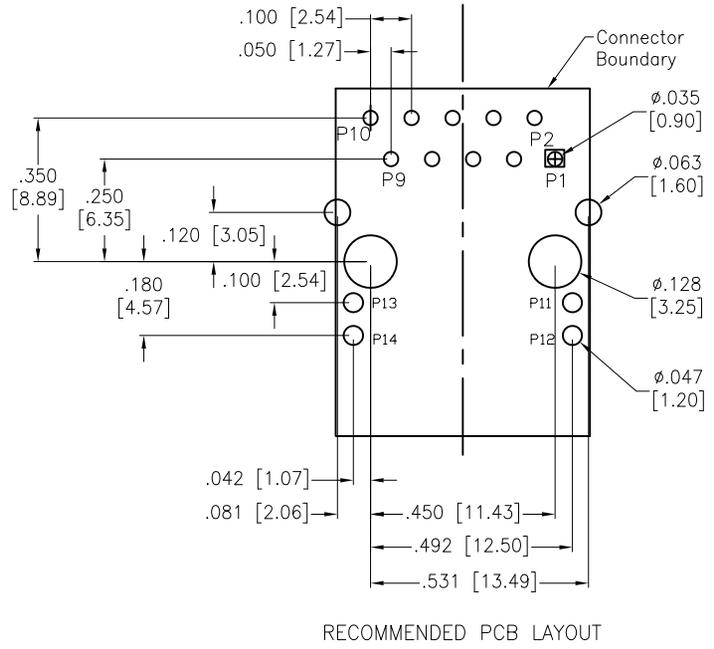


Rev	AWO #	Description	Date	Appr
-		RELEASED	5/4/20	

APPROVED: _____
DATE: _____ TITLE: _____



SPECIFICATIONS:
Material:
Insulator: PA66, rated UL 94V-0
Insulator Color: Black
Contacts: Phosphor Bronze
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: 2,250 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	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	AY	5/4/20
CHECKED	LW	5/4/20
APPROVED		



TITLE			
MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN			
SIZE	PART NO.	REV.	
X	MTJ-88TUX1-FSD-PG-VLG1-M286AC-WOT	-	
REF:	S00005C	SCALE:	NTS
		SHEET 1 OF 2	

6

5

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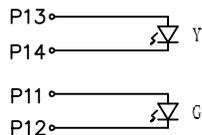
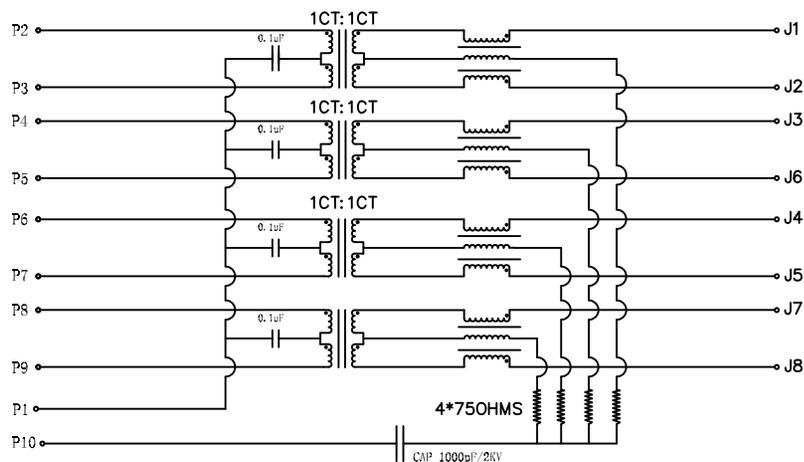
APPROVED: _____

DATE: _____ TITLE: _____

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

Circuit Schematic:



Pin	Green	Yellow
P12	-	P14 -
P11	+	P13 +

Electronical Specifications:

- Turn Ratio @100KHz: (P2~P3):(J1~J2) = 1:1±5%
(P4~P5):(J3~J6) = 1:1±5%
(P6~P7):(J4~J5) = 1:1±5%
(P8~P9):(J7~J8) = 1:1±5%

2.Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS

3.DC Resistance: 1.2 OHMS MAX

- Insertion Loss: 1-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX
- Return Loss: 1-40MHz -16dB MIN
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB 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 : 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 YELLOW, LED2 GREEN

APPROVALS		DATE
DRAWN	AY	5/4/20
CHECKED	LW	5/4/20
APPROVED		

SIZE X	PART NO. MTJ-88TUX1-FSD-PG-VLG1-M286AC-WOT	REV. -
REF: S00005C	SCALE: NTS	SHEET 2 OF 2