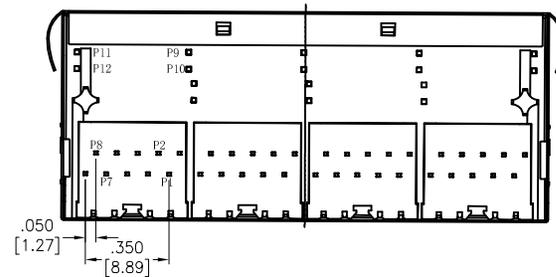
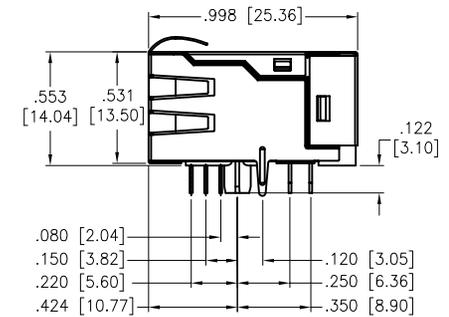
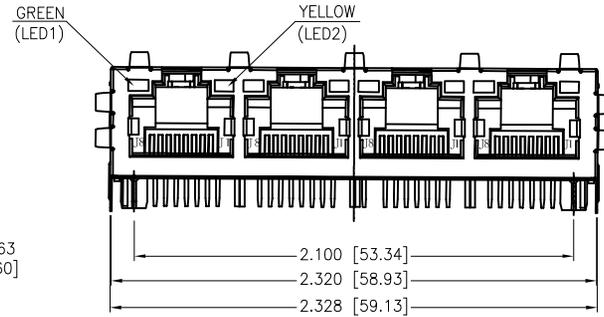
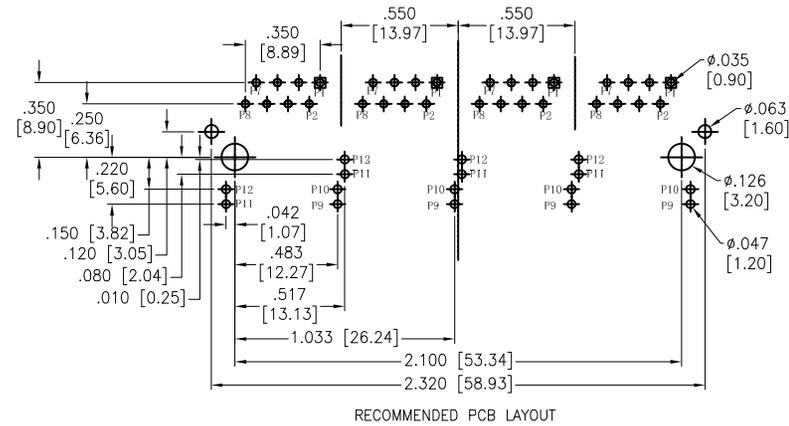


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/3/21	
A		UPDATE DRAWING	10/11/22	LH/RL
B		UPDATE DRAWING	1/12/24	JJ/RL



SPECIFICATIONS:

Material:
Insulator: PA66, 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
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1500 VAC or 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	ØX	±.10
.XX	± .020	ØXX	±.015
.XXX	± .015	ØXXX	±.010

DRAWN	WX	12/3/21
CHECKED	RL	12/3/21
APPROVED		

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



TITLE MODULAR JACK GANGED, 4 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJG-4-88SX1-FSD-PG-VLH-NRSP-M4C-WOT	REV. B
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

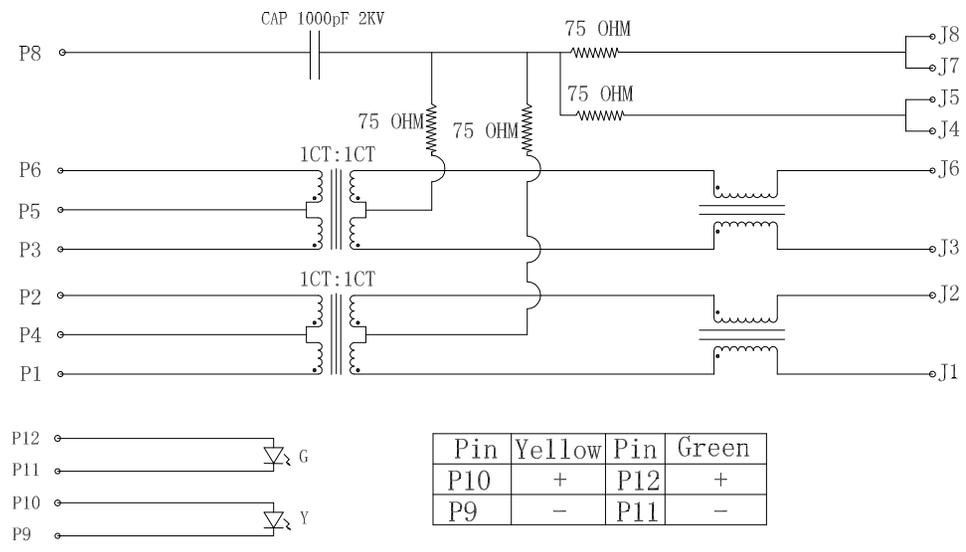
2

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APPROVED: _____

DATE: _____ TITLE: _____

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



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

Electronical Specifications:

- 1.0 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(J3~J6) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3.0 DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4.0 Insertion Loss: 1-100MHz -1.2dB MAX
- 5.0 Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 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	∅.X	±.10
.XX	± .020	∅.XX	±.015
.XXX	± .015	∅.XXX	±.010

DRAWN	WX	12/3/21
CHECKED	RL	12/3/21
APPROVED		

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

TITLE: MODULAR JACK GANGED, 4 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW

SIZE X	PART NO. MTJG-4-88SX1-FSD-PG-VLH-NRSP-M4C-WOT	REV. B
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

6

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4

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