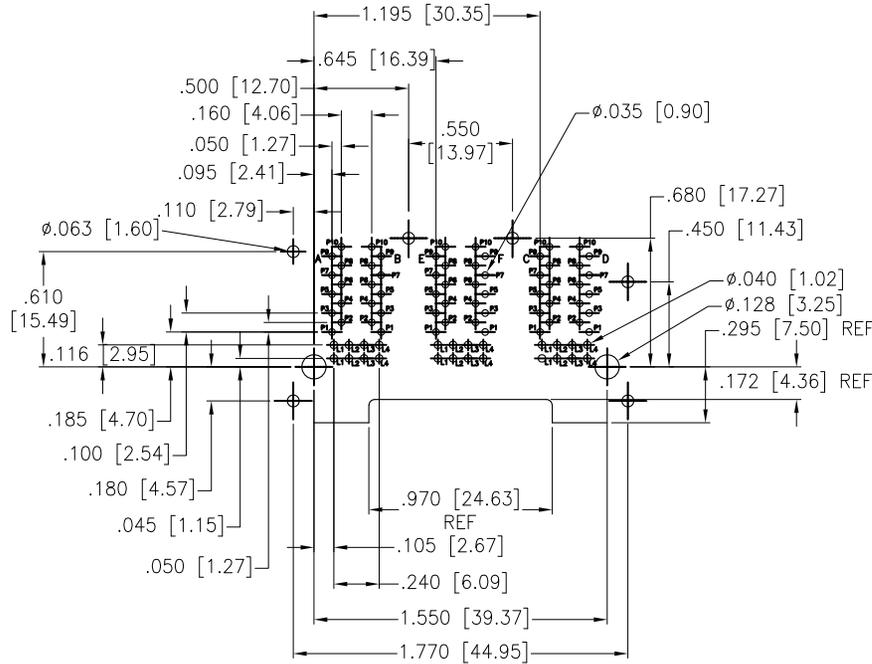


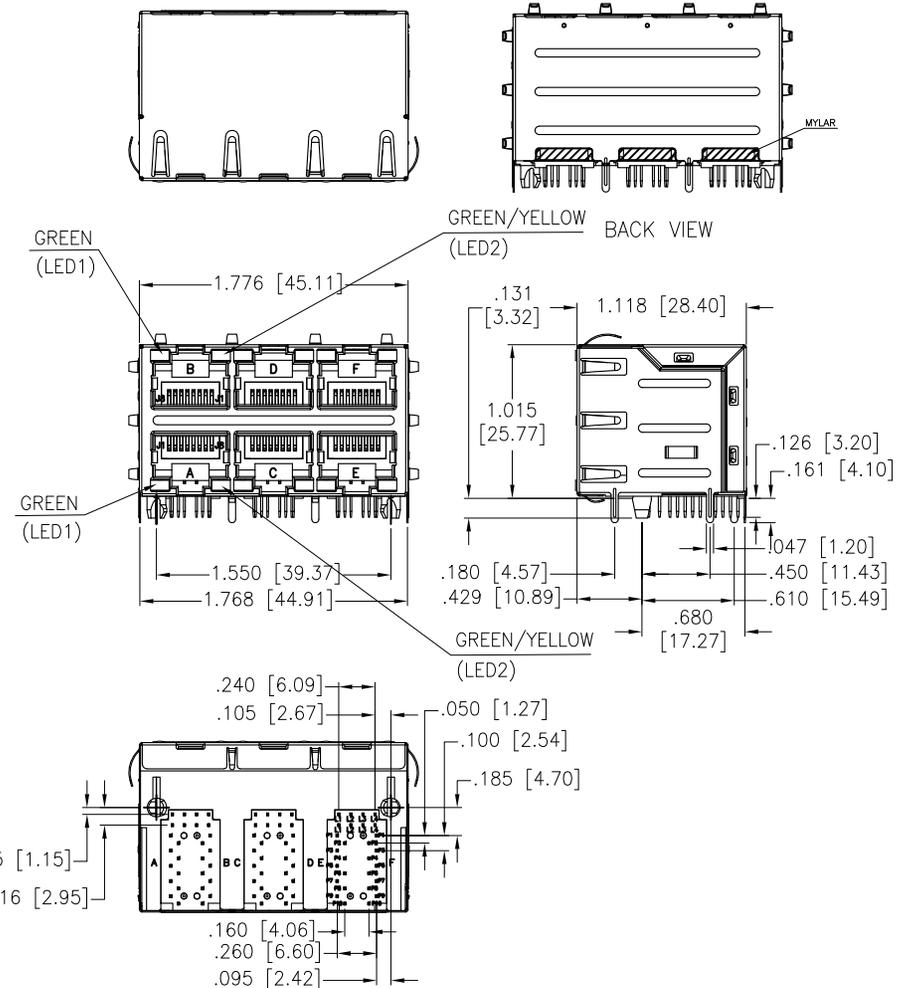
APPROVED: \_\_\_\_\_

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

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/22/24	
A		UPDATE DRAWING	7/8/24	LH/MC



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

- Material:  
 Housing: Thermoplastic, rated UL 94V-0, Color: Black  
 Insert: Thermoplastic, rated UL 94V-0, Color: Black  
 Module Case: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Cover: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Spacer: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Contacts: Phosphor Bronze  
 Solder tail Terminal: Brass, Nickel plated  
 Shield: Stainless

- Contact 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:  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1500VAC or 2250VDC for one minute  
 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	± 0.10



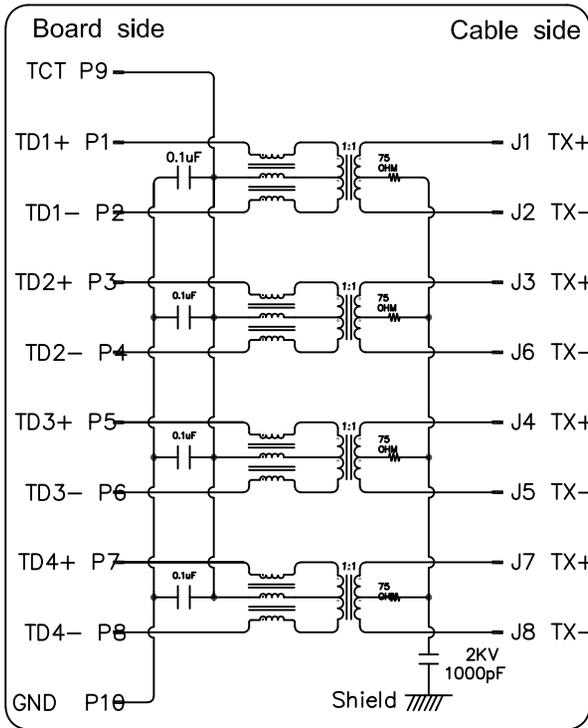
DRAWN	JJ	3/22/24
CHECKED	RC	3/22/24
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

TITLE		
MODULAR JACK, GANGED & STACKED, 6PORT, 8P8C, W/LED1 GREEN, LED2 GREEN/YELLOW, 1G BASE-T		
SIZE	PART NO.	REV.
X	MTJG-6-88JX1-FSG-PG-L35-M150Y-WOT	A
REF:	S00101C	SCALE: NTS
		SHEET 1 OF 2

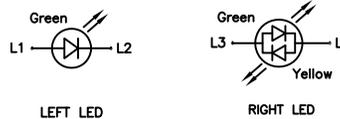
APPROVED: \_\_\_\_\_

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

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



1. INSERTION LOSS :
  - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
  - 1~30 MHz -18dB MIN
  - 30~60 MHz -16dB MIN
  - 60~80 MHz -12dB MIN
  - 80~100 MHz -10dB MIN
3. COMMON MODE REJECTION
  - 1~100 MHz -30dB MIN
4. CROSS TALK
  - 1~100 MHz -30dB MIN
5. OCL @ 100KHz, 0.1V, 8mA DC BIAS
  - (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN
6. DCR
  - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2Ω MAX
7. HI-POT TEST
  - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
  - (P1-P2) : (J1-J2) = 1:1 ±%5
  - (P3-P4) : (J3-J6) = 1:1 ±%5
  - (P7-P8) : (J4-J5) = 1:1 ±%5
  - (P9-P10) : (J7-J8) = 1:1 ±%5



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	3/22/24
CHECKED	RC	3/22/24
APPROVED		

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TITLE MODULAR JACK, GANGED & STACKED, 6PORT, 8P8C, W/LED1 GREEN, LED2 GREEN/YELLOW, 1G BASE-T		
SIZE X	PART NO. MTJG-6-88JX1-FSG-PG-L35-M150Y-WOT	REV. A
REF: S00101C	SCALE: NTS	SHEET 2 OF 2