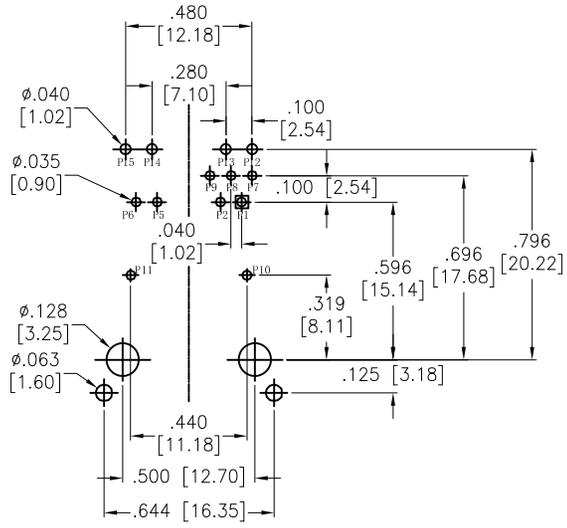
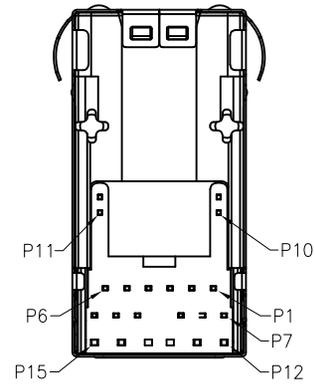
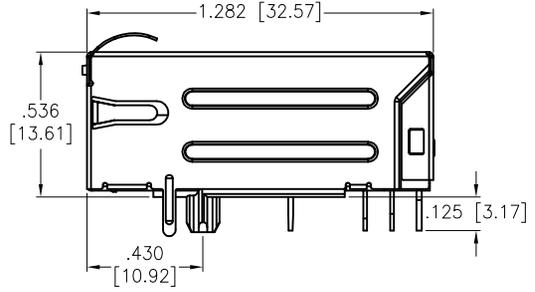
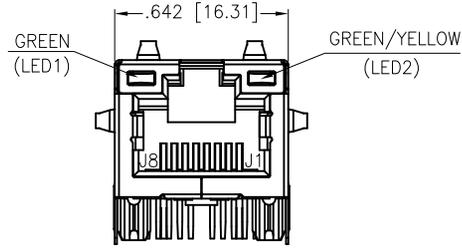


Rev	AWO #	Description	Date	Appr
-		RELEASED	6/16/21	
A		UPDATE SPEC.	9/3/21	JJ/YC1

APPROVED: _____
DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
Housing: PA46, rated UL 94V-0, Color: Black
Insert: PA46, rated UL 94V-0, Color: Black
Contacts: Copper Alloy
Shield: Copper Alloy, 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 Δ
Temperature Rating:
Operating temperature: 0°C to +70°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	
DRAWN	LH	6/16/21
CHECKED	DH	6/16/21
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 GREEN, LED2 GREEN/YELLOW		
SIZE X	PART NO. MTJ-88CX1-FSP-PG-L35-M101AC-NY46	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

D
C
B
A

D
C
B
A

6 5 4 3 2 1

6 5 4 3 2 1

6

5

4

3

2

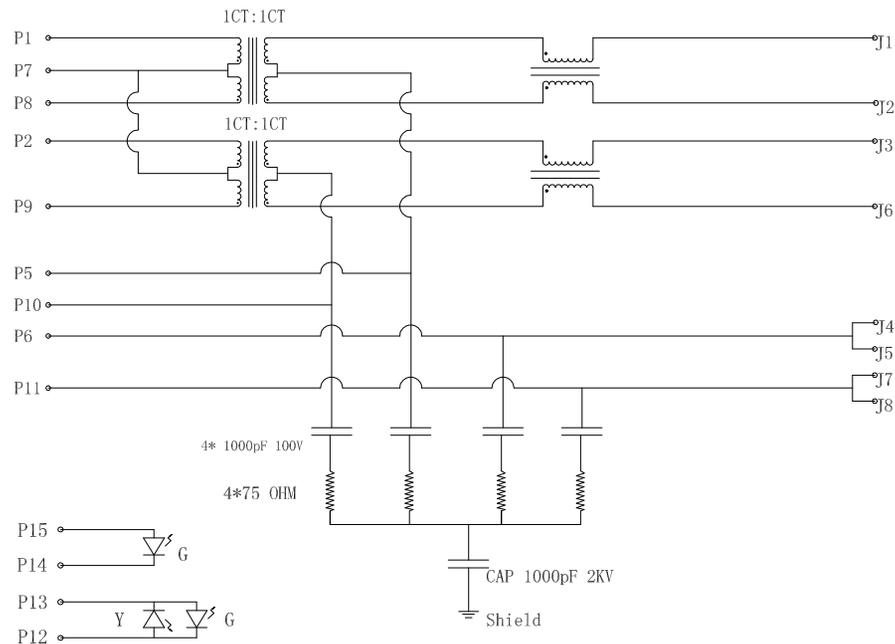
1

Rev	AWO #	Description	Date	Appr
-----	-------	-------------	------	------

SEE SHT 1 OF 2 FOR REVISION

APPROVED: _____

DATE: _____ TITLE: _____



Pin	Green		Green	Yellow
P15	+	P13	+	-
P14	-	P12	-	+

Electronical Specifications:

- Turn Ratio @100KHz: (P1~P8):(J1~J2) = 1:1±5%
(P2~P9):(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
- DC CURRENT/VOLTAGE RATING-PSE PINS: 350mA @57V(CONTINUOUS)

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 LH 6/16/21

CHECKED DH 6/16/21

APPROVED

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

ADAM
TECH

 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 Fax: 908-687-5710

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

SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-L35-M101AC-NY46	A

REF: S00005C	SCALE: NTS	SHEET 2 OF 2
--------------	------------	--------------

6

5

4

3

2

1