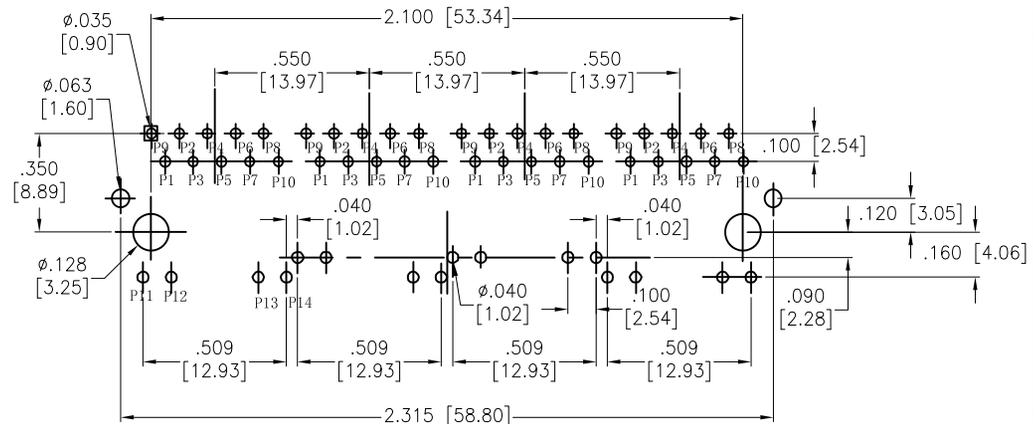
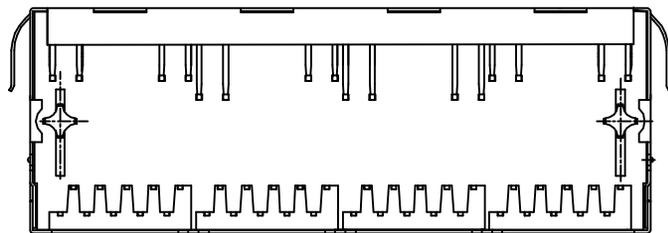
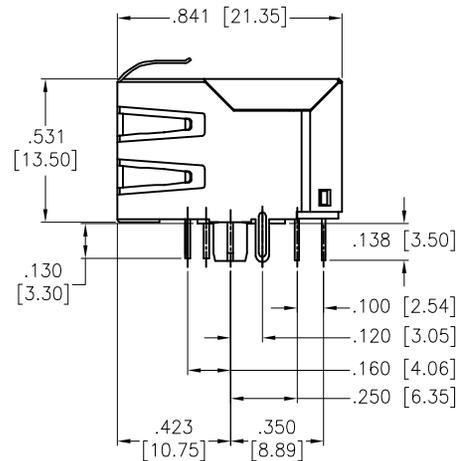
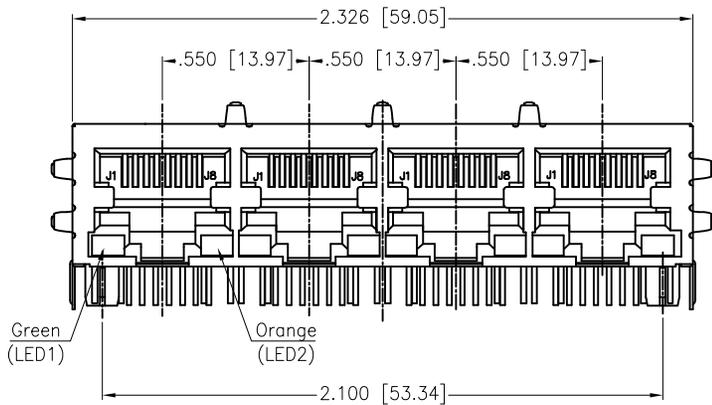


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/26/20	



SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Insert: PBT, rated UL 94V-0, 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: 500 VAC
 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	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010



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

APPROVALS		DATE
DRAWN	AY	2/26/20
CHECKED	KC	2/26/20
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-4-88TX1-FSD-PG-L5-M36C-NRSP	-
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

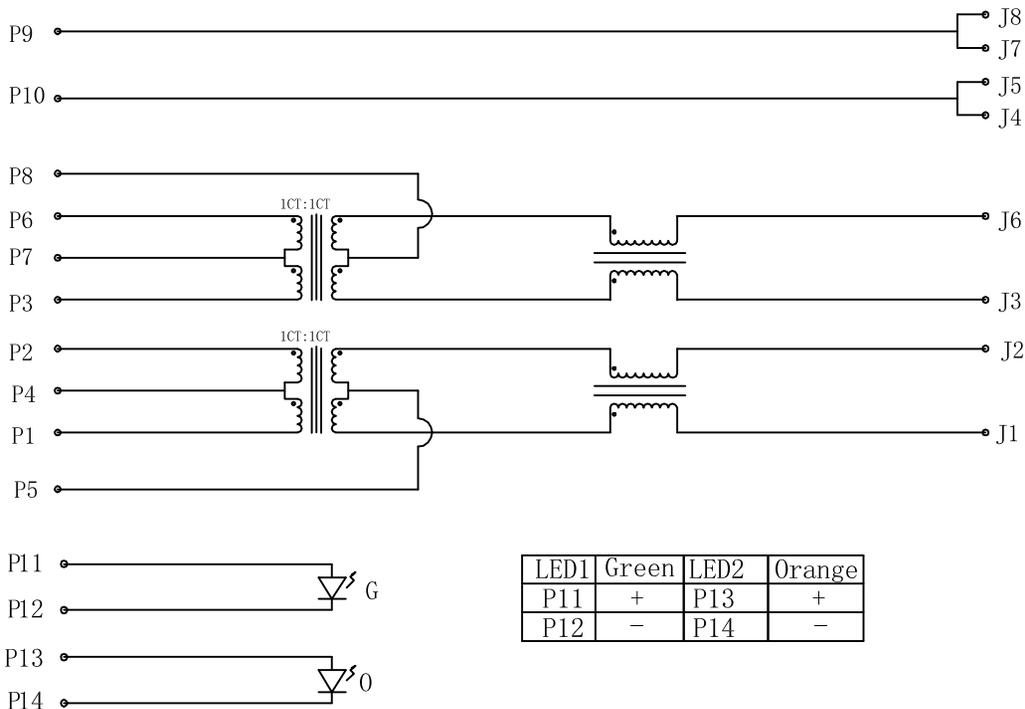
1

APPROVED: _____

DATE: _____ TITLE: _____

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

SEE SHT 1 OF 2 FOR REVISION



LED1	Green	LED2	Orange
P11	+	P13	+
P12	-	P14	-

Electronical Specifications:

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(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: 500VAC
- 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	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010



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

APPROVALS		DATE
DRAWN	AY	2/26/20
CHECKED	KC	2/26/20
APPROVED		

SIZE X	PART NO. MTJG-4-88TX1-FSD-PG-L5-M36C-NRSP	REV. -
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1