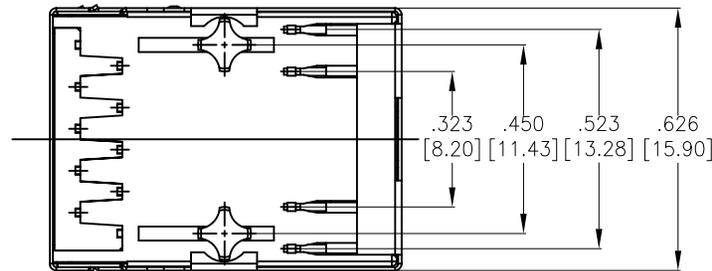
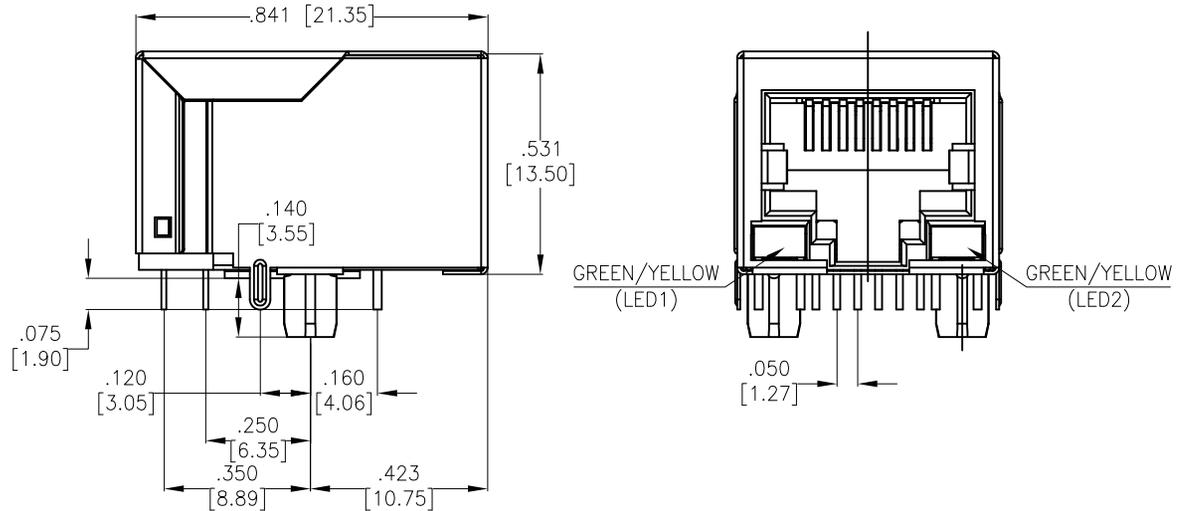
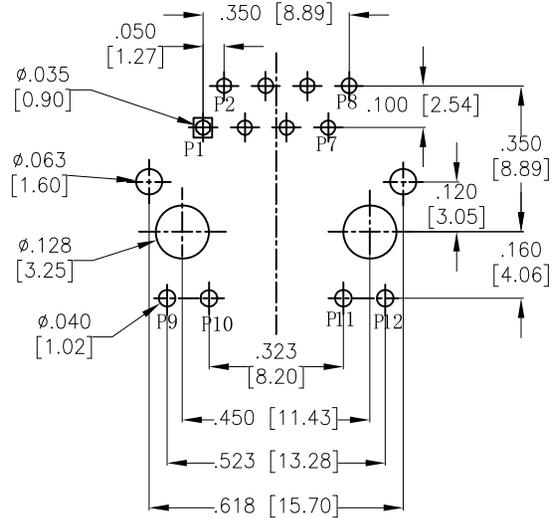


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/6/20	
A		UPDATE DRAWING	9/9/25	LH/MC



SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Brass, Nickel plated
 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:
 Voltage rating: 150 VAC
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC or 2250 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		
.X	± .10	ØX ± .10
INCHES .XX	± .020	HOLES ØXX ± .015
.XXX	± .015	ØXXX ± .010
DRAWN	LH	5/6/20
CHECKED	LW	5/6/20
APPROVED		
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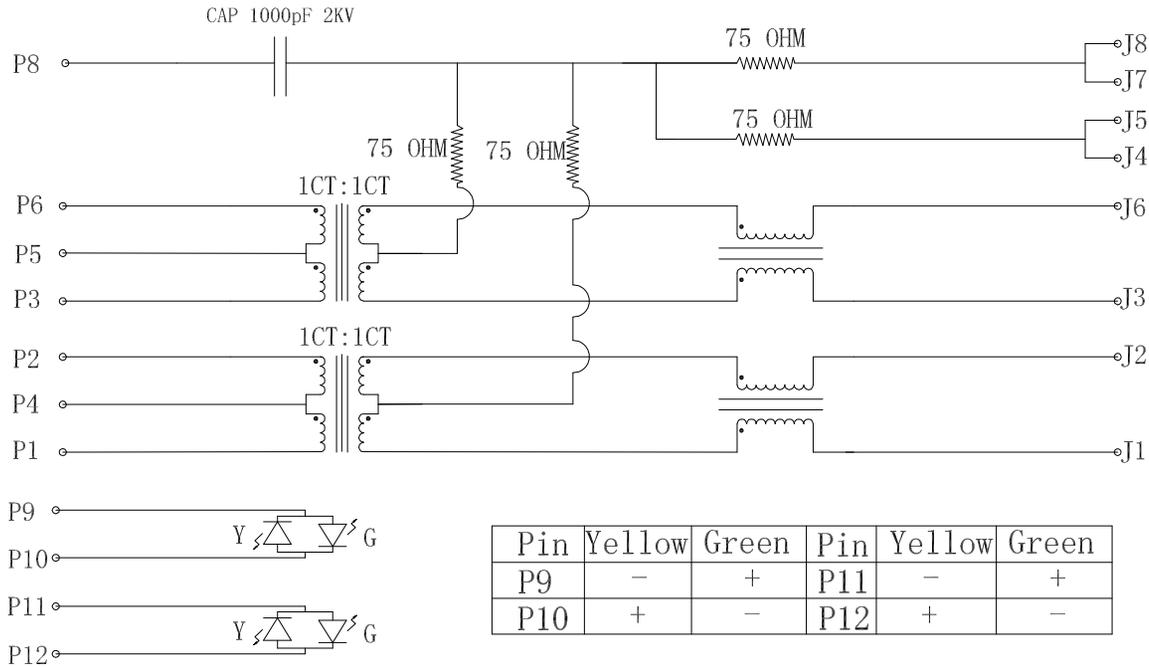


TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 & 2 GREEN/YELLOW, HI-TEMP		
SIZE X	PART NO. MTJ-88TX1-FSD-.075-L16-M4C-HT-WOT	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

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



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

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: 1500VAC or 2250VDC

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
.X ± .10	∅X ± .10	
INCHES .XX ± .020	HOLE ∅XX ± .015	
.XXX ± .015	∅XXX ± .010	
DRAWN	LH	5/6/20
CHECKED	LW	5/6/20
APPROVED		
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TITLE
**MODULAR TELEPHONE JACK , 1 PORT, 8P8C
W/ LED1 GREEN/YELLOW, LED2 GREEN/YELLOW**

SIZE X	PART NO. MTJ-88TX1-FSD-075-L16-M4C-HT-WOT	REV. A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2