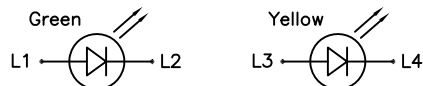


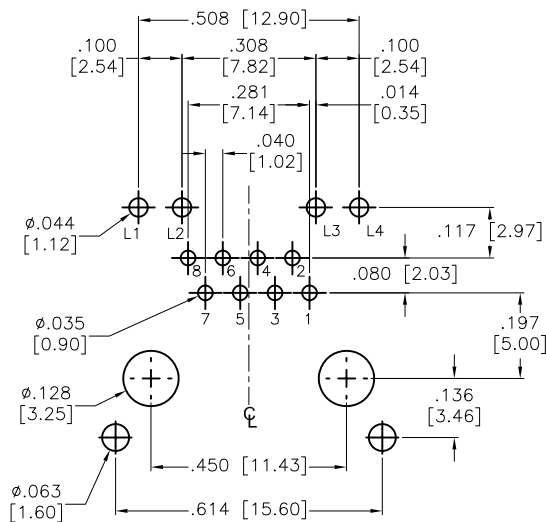
APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/1/18	

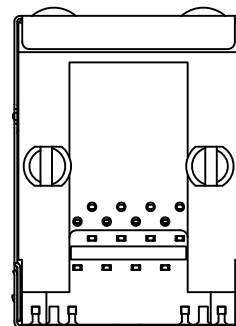
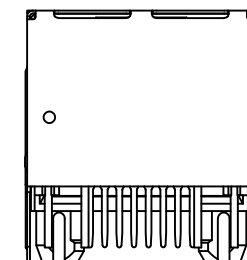
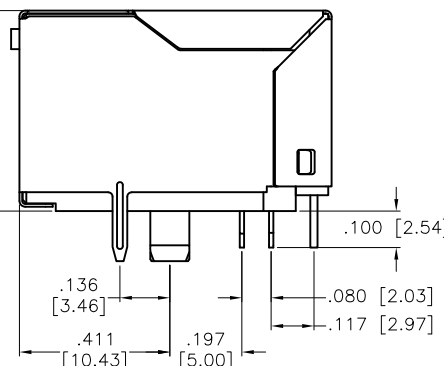
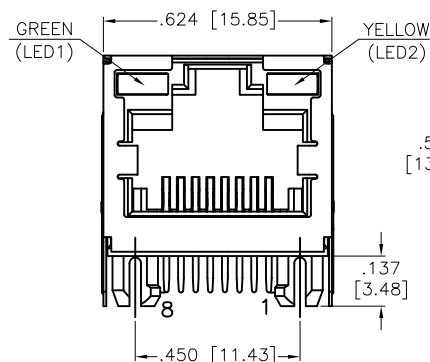
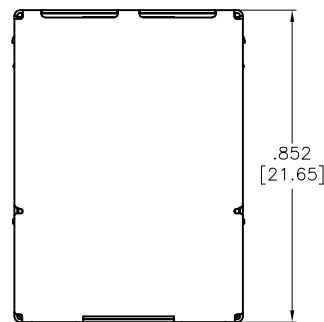


LEFT LED

RIGHT LED



RECOMMENDED PCB LAYOUT



CATEGORY 5E CHARACTERISTIC:

Frequency MHz	Near-End Cross talk dB, Min	Return Loss dB, Min	Insertion loss dB, Max
1.0	65.0	30.0	0.10
4.0	65.0	30.0	0.10
8.0	64.9	30.0	0.10
10.0	63.0	30.0	0.10
16.0	58.9	30.0	0.20
20.0	57.0	30.0	0.20
25.0	55.0	30.0	0.20
31.25	53.0	30.0	0.20
62.5	47.1	24.1	0.30
100.0	43.0	20	0.40

LED CHARACTERISTIC:

LED Color	λ_p (nm)	$V_f @ I_F = 20mA$	$I_r @ V_r = 5V$
Green	565	1.7V~2.6V	10uA max.
Yellow	585	1.7V~2.6V	10uA max.

SPECIFICATIONS:

Material:
Insulator: Hi-temp thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Stainless Steel, with Tin Dip on Solder Tabs
Contact Plating:
Selective Gold plating for Mating Surface, 50u" Nickel under plate
100u" Matte Tin plating on Contact Solder Tail
Electrical:
Voltage rating: 125 VAC
Current rating: 1.25 Amps
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1000 VAC RMS 60Hz, for 1 minute
Temperature Rating:
Operating temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C
Environmental:
Recommended Solder Process: Wave Solder, peak
temperature 260°C for 10 seconds.
Mates with Modular Plug Conforming to TIA-1096 Standard
Lead free, RoHS compliant.
Conformance:
Conforms to UL 746C and UL 1863



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

APPROVALS		DATE
DRAWN	AY	8/1/18
CHECKED	KC	8/1/18
APPROVED		



TITLE
MODULAR TELEPHONE JACK, 8P8C, PCB TYPE
CAT 5E, W/ LED1 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FS2-LH-C5E-HT	-
REF:	S00101C	SCALE: NTS
SHEET 1 OF 1		