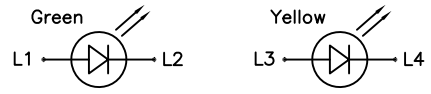
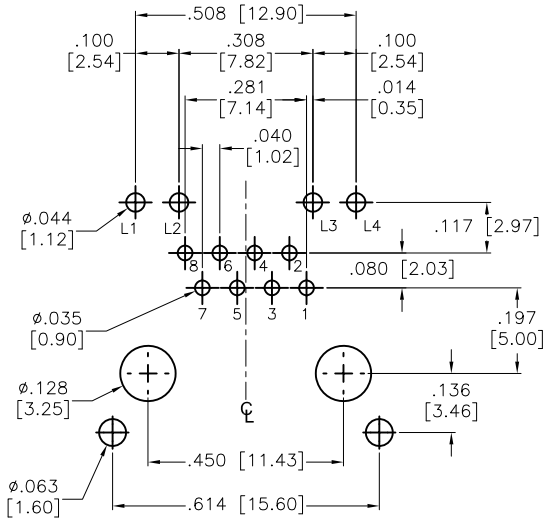
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/1/18	

APPROVED: _____

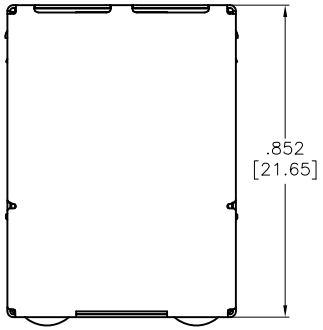
DATE: _____ TITLE: _____

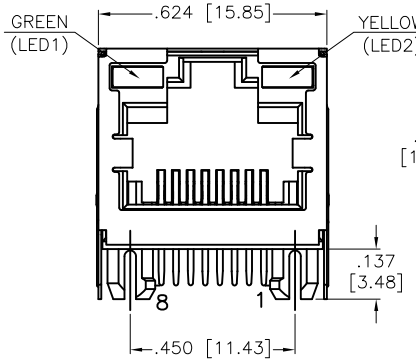


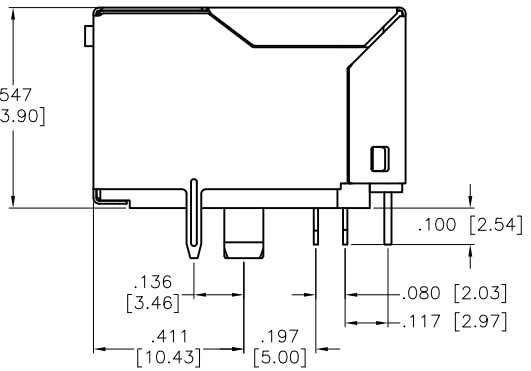
LEFT LED RIGHT LED

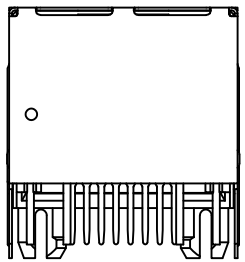


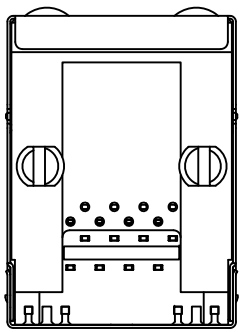
RECOMMENDED PCB LAYOUT











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)	Vf @ IF = 20mA	Ir @ Vr = 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

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

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

ADAM TECH INTERCONNECTS
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Phone: 908-687-5000
Fax: 908-687-5710

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