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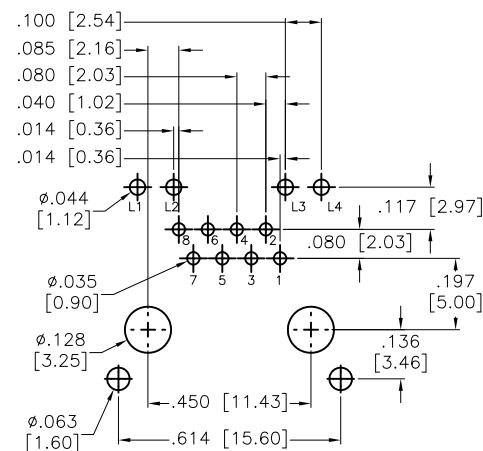
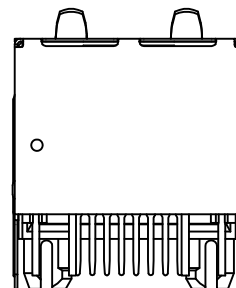
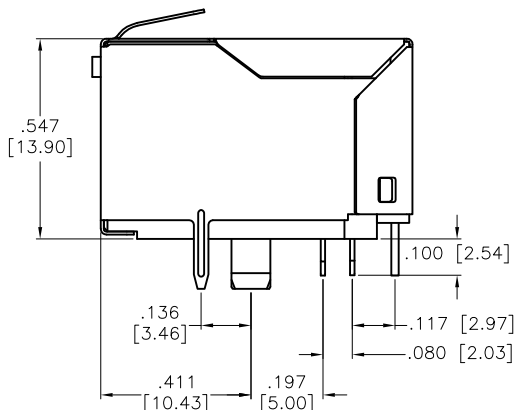
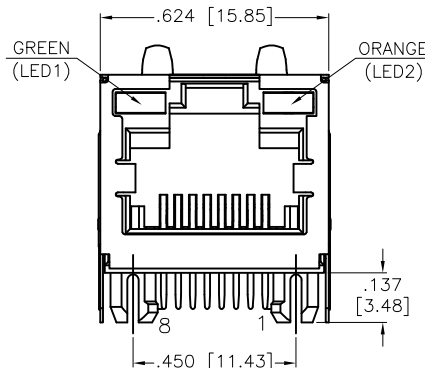
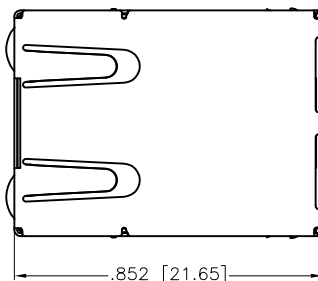
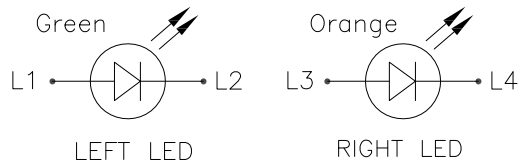
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/9/18	



RECOMMENDED PCB LAYOUT

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

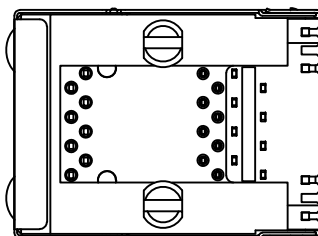
Environmental:

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.



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

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	HR	8/9/18
CHECKED	AC	8/9/18
APPROVED		



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

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FS2-PG2T-L5-C5E-HT	-

REF: S00101C	SCALE: NTS	SHEET 1 OF 1
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