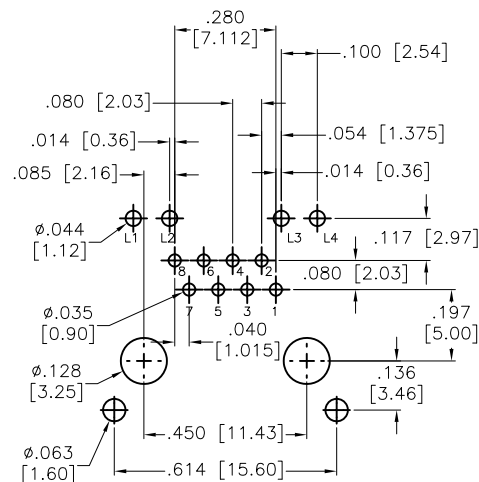
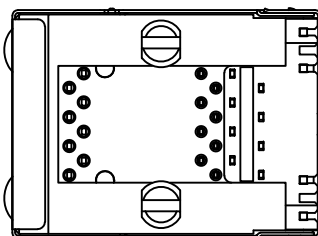
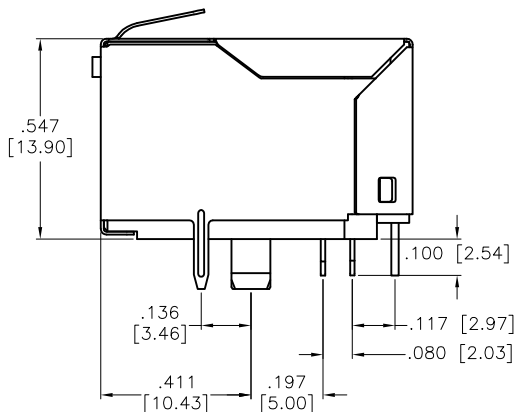
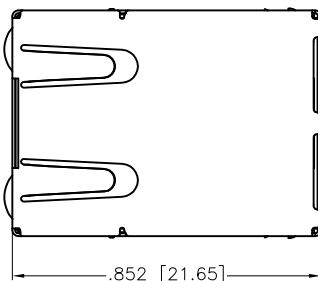
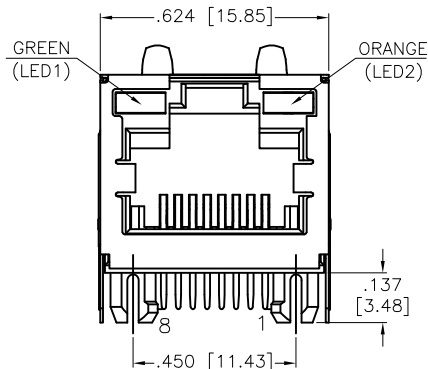
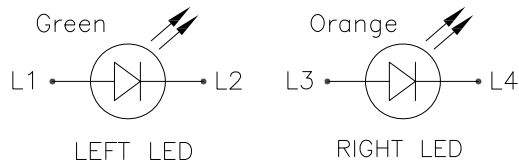


APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT

Frequency MHz	Near-End Cross talk dB, Min	Return Loss dB, Min	Insertion loss dB, Max
1.0	75.0	30.0	0.10
4.0	75.0	30.0	0.10
8.0	75.0	30.0	0.10
10.0	74.0	30.0	0.10
16.0	69.9	30.0	0.10
20.0	68.0	30.0	0.10
25.0	66.0	30.0	0.10
31.25	64.1	30.0	0.11
62.5	58.1	30.0	0.16
100.0	54.0	28.0	0.20
200.0	48.0	22.0	0.28
250.0	46.0	20.0	0.32
300.0	42.9	18.5	0.35
400.0	37.9	16.0	0.40
500.0	34.0	14.0	0.45

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 Amp

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,000 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.



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
CAT6A, W/ LED1 GREEN, LED2 ORANGE

SIZE PART NO.
X MTJ-88TUX1-FS2-PG2T-L5-C6A-HT

REV. -

REF: S00101C SCALE: NTS SHEET 1 OF 1