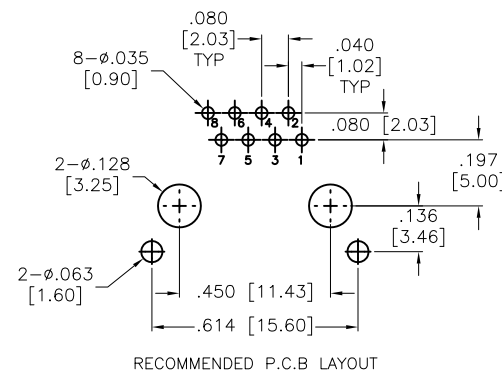
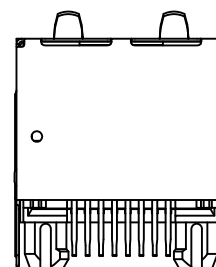
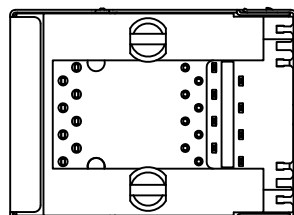
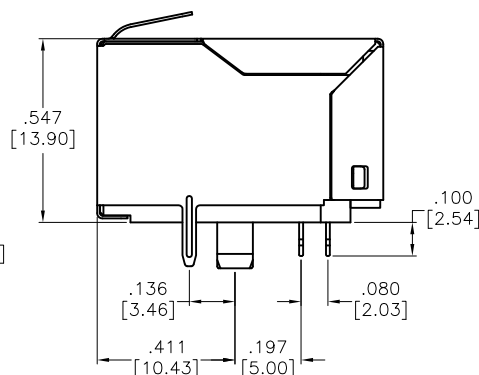
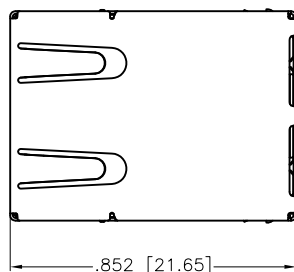
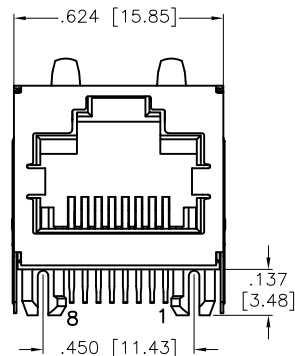


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/12/18	



SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Shield: Stainless Steel, with Tin Dip on Solder Tabs

Contacts: Copper Alloy

Contact Plating:

Selective Gold plating for Mating Surface, 50u" Nickel under plate.

100u" Matte Tin plating on Contact Solder Tail

Electrical:

Operating voltage: 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.



CATEGORY 6A CHARACTERISTICS:

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

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	1/12/18
CHECKED	SL	1/12/18
APPROVED		



TITLE
CAT 6A, RJ45 JACK, 8P8C, TAB UP, PCB TYPE
SHIELDED

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FS2-PG2T-C6A-HT	-
REF:	S00101C	SCALE: NTS
SHEET 1 OF 1		