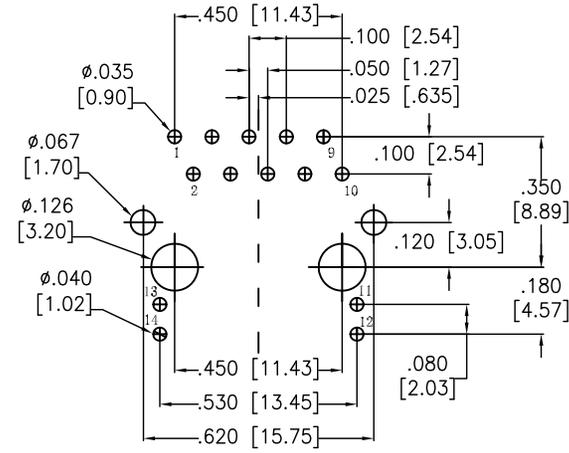
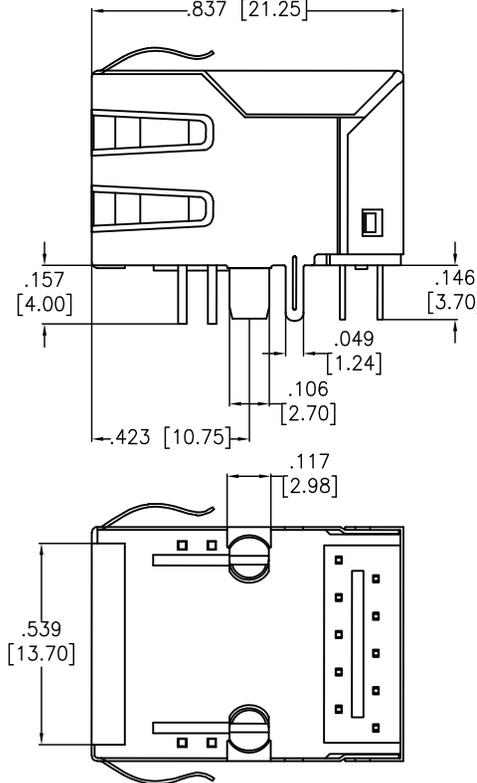
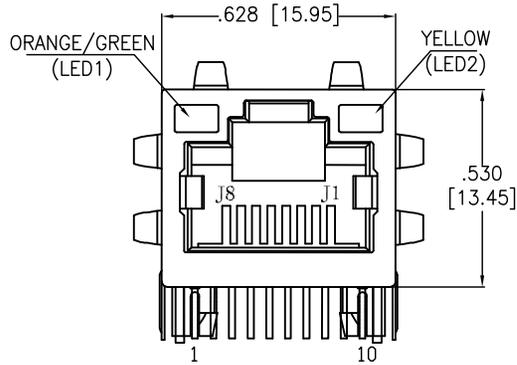


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/3/14	
A		UPDATE SHAPE	12/12/14	AY/NC



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:
 Insulator: PBT, Glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: SUS, Nickel plated
 Contact Plating:
 Gold Flash over Nickel underplate on contact area,
 Tin over Copper underplate on tails
 (See chart for thickness).
 Electrical:
 Operating voltage: 150 VAC max
 Current rating: 1.5 Amps max
 Contact Resistance: 20 mohms max. initial
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1000 VAC for 1 minut
 Temperature Rating:
 Operating temperature: -40°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



X	PLATING
0	15 μ m Gold
1	30 μ m Gold
2	50 μ m Gold

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES
 .X \pm .10 ϕ .X \pm .10
 .XX \pm .020 ϕ .XX \pm .015
 .XXX \pm .015 ϕ .XXX \pm .010



TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
 W/ LED1 ORANGE / GREEN, LED2 YELLOW

APPROVALS		DATE
DRAWN	HR	3/3/14
CHECKED	AC	3/3/14
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLL-M219	A

REF: S00043C SCALE: NTS SHEET 1 OF 2

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION

D

D

C

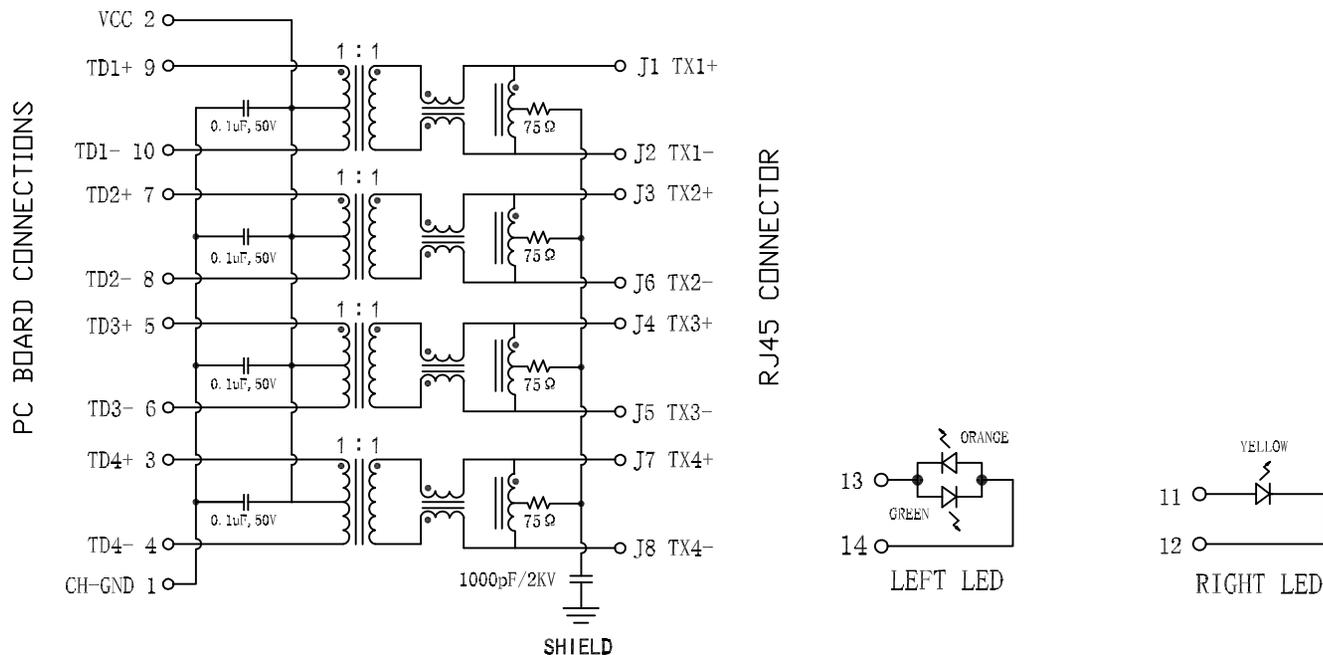
C

B

B

A

A



ELECTRICAL SPECIFICATIONS: @25°C

1. Turn Ratio:
1CT:1
2. Insertion Loss:
0.5-100MHz:-1.1dB Max
3. Return Loss(dB Min):
0.5-40MHz:-18
40.1-100MHz:-[12-20 LOG(f/80)]
4. Crosstalk(dB Min):
0.5-40MHz:-35
40.1-100MHz:-[33-20 LOG(f/50)]
5. Common Mode Rejection Ratio:
0.5-100MHz: -30dB Min
6. OCL: 350uH Min @ 100KHz, 0.1Vrms, 8mA DC Bias
7. Hipot: 1500Vrms min.
8. Operating temperature: -40°C to +85°C

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



TITLE
MODULAR JACK GANGED, 1PORT, 8P8C
W/ LED1 ORANGE / GREEN, LED2 YELLOW

APPROVALS		DATE
DRAWN	AY	3/3/14
CHECKED	AC	3/3/14
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLL-M219	A
REF: S00043C	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1