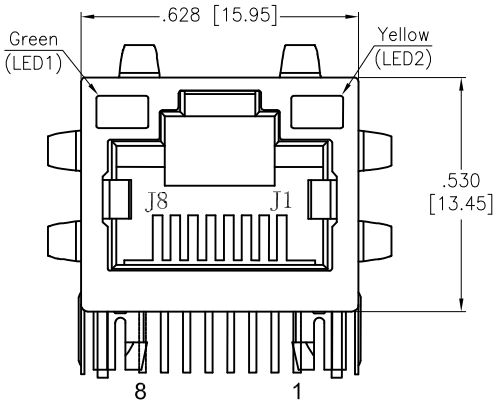
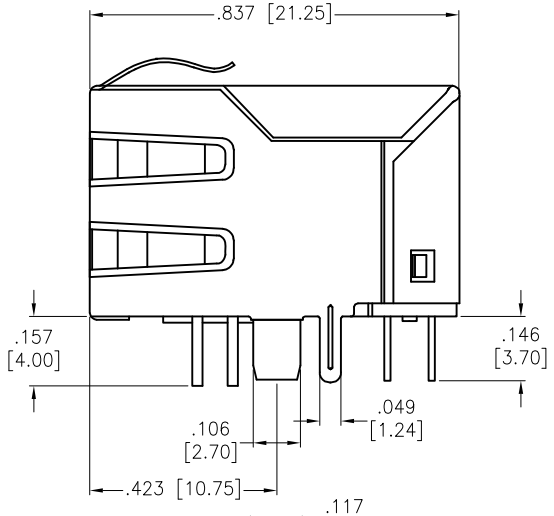
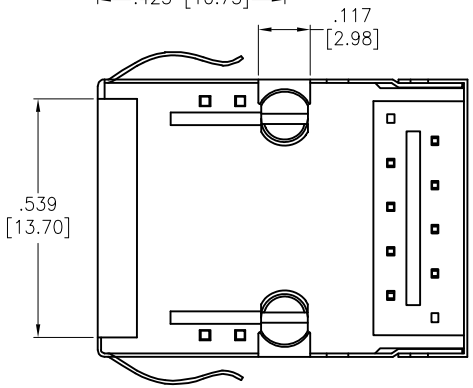
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/5/15	

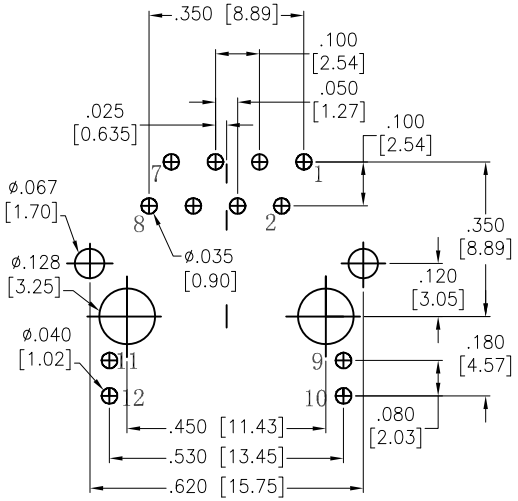
APPROVED: _____

DATE: _____ TITLE: _____









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: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

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	3/5/15
CHECKED	LL	3/5/15
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

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

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLH-M8	-

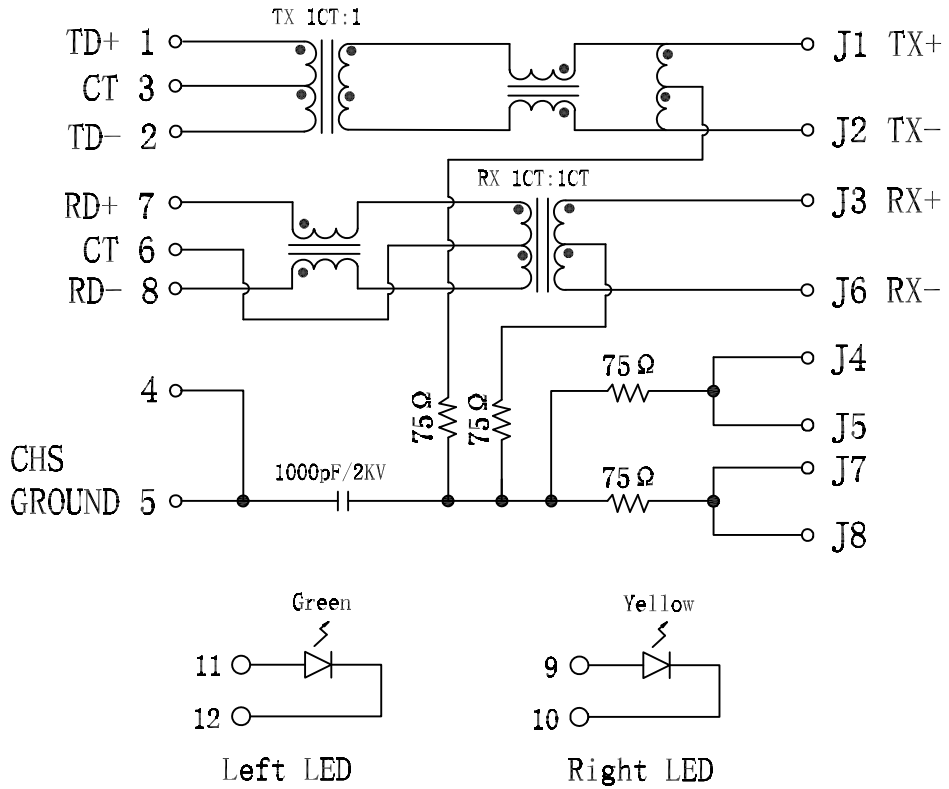
REF: S00043C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____

PC BOARD CONNECTIONS



RJ45 CONNECTOR

SPECIFICATIONS:

1. Turns Ratio (±3%):
   TX= 1CT : 1CT RX= 1CT : 1CT
2. Inductance OCL: 350uH Min.
   @100KHz, 0.1Vrms, 8mA DC Bias Current.
3. Insertion Loss:
   0.1-100MHz: -1.0dB Max.
4. Return Loss(dB Min.):
   1-30MHz: -18
   40MHz: -16
   50MHz: -14
   60-80MHz: -12
5. Crosstalk(dB Min.):
   0.3-80MHz: -30
6. Isolation Voltage: 1500Vrms
7. Operating Temperature:-0°C~+70°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

APPROVALS		DATE
DRAWN	AY	3/5/15
CHECKED	LL	3/5/15
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
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TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLH-M8	-

REF: S00043C | SCALE: NTS | SHEET 2 OF 2