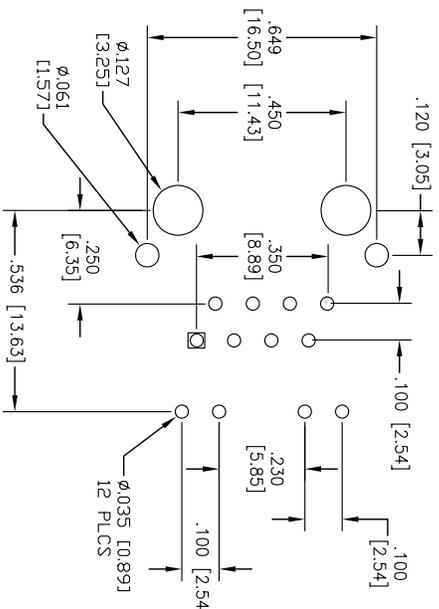
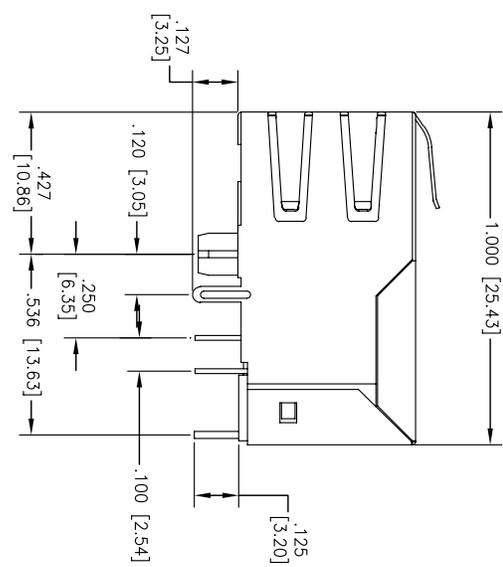
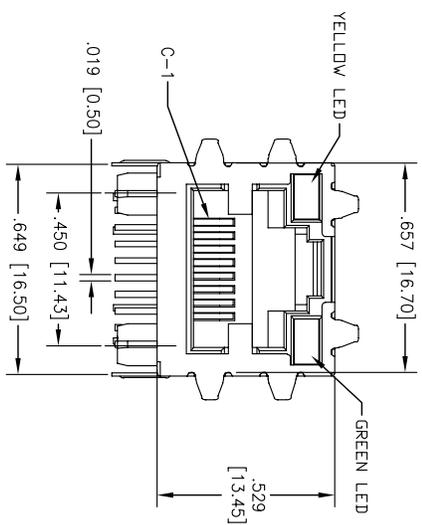
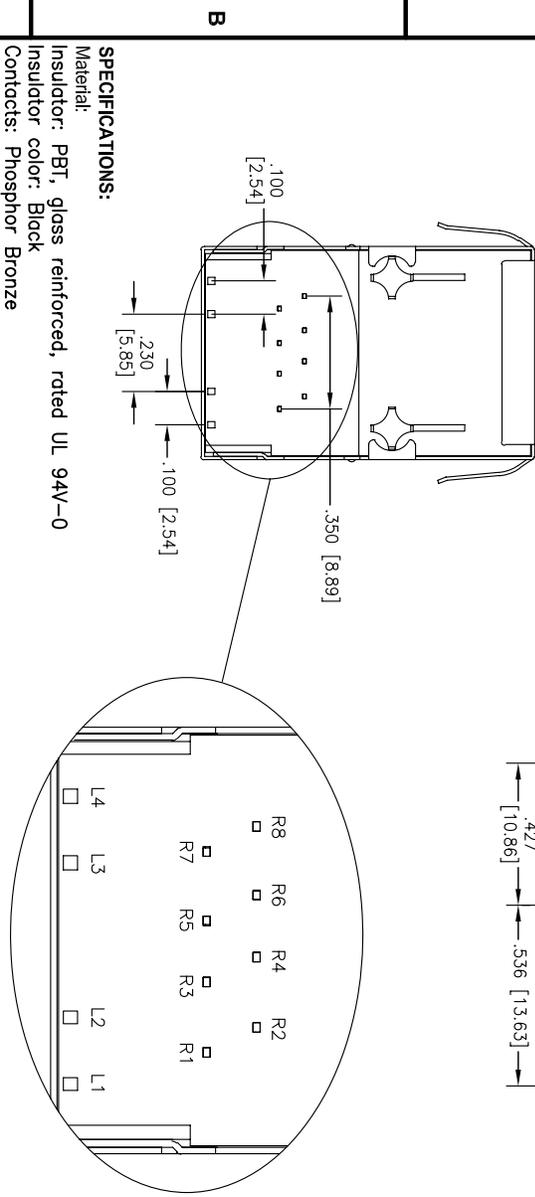


Rev	AWO #	Description	Date	Appr
-		RELEASED	3/22/07	

APPROVED: _____
 DATE: _____ TITLE: _____



RECOMMENDED
PCB LAYOUT



PIN DETAIL

LED SPECIFICATIONS			
STANDARD LED	WAVELENGTH	FORWARD V (max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

* WITH A FORWARD CURRENT OF 20mA

SPECIFICATIONS:
 Material: Insulator: PBT, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Plating: .000015u" Gold over nickel underplate on contact area, Tin over copper underplate on solder tails
Electrical:
 Operating voltage: 150 VAC max
 Current rating: 1.5 Amps max
 Contact resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1000 VAC for 1 minute
Temperature Rating:
 Operating temperature: -40°C to +125°C
 Environmental:
 Lead free, RoHS compliant.
 Recommended soldering temp: 235°C. for 5 sec.

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

TITLE: MODULAR JACK, 8P8C, RIGHT ANGLE, SHIELDED, W/LED'S & TRANSFORMER

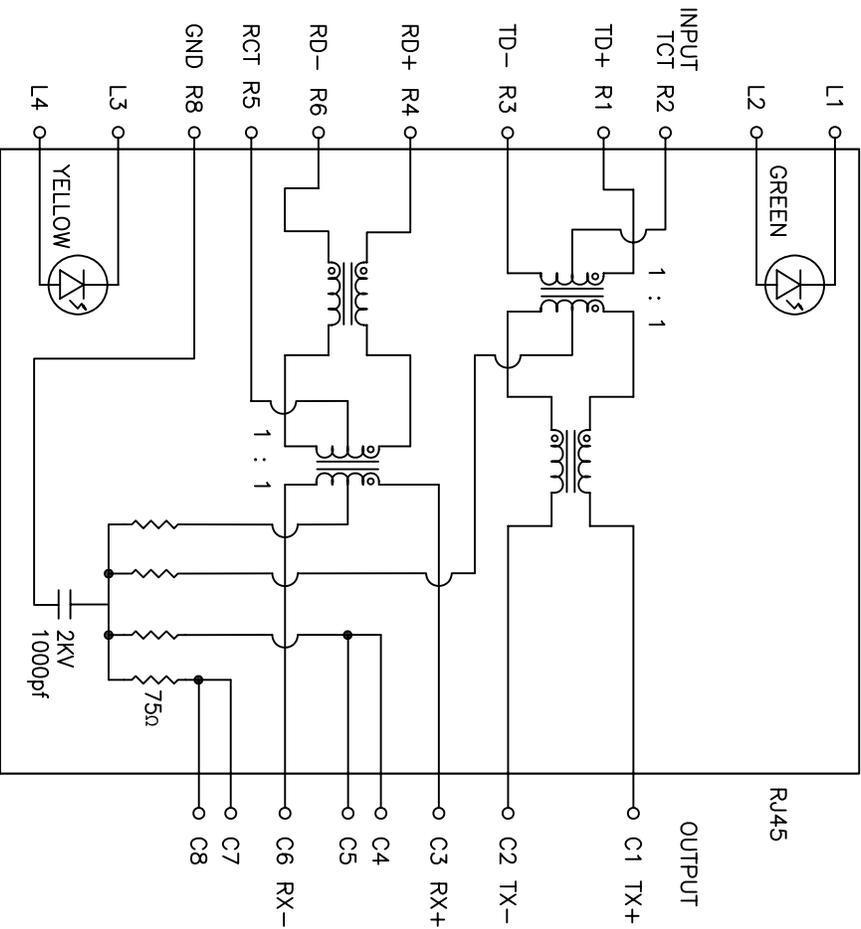
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]		TOLERANCES: EXCEPT AS NOTED	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XXX	± .015
.XXX	± .015	Ø.XXXX	± .010
APPROVALS		DATE	
DRAWN	BW	3/22/07	
CHECKED			
APPROVED			
SIZE	PART NO.	REV.	
X	MTJ-88S01-FSD-P66-LG-M26		
SCALE:	NTS	SHEET	1 OF 2



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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

1. Transmitter filter & Receiver filter
2. Type: Balance low pass 100 ohms impedance.
3. Inductance: @ 100KHZ, 0.1V, 8mA DC Bias
Input(R1 ~ R3), Input (R4 ~ R6) 350uH min.
4. Insertion Loss: 1 ~ 100 MHz ~ 1.0dB max.
30 ~ 60MHz ~ 16dB min. load 100 ohms
60 ~ 80Mhz ~ 12dB min. load 100 ohms
5. Return Loss: 1 ~ 30MHz ~ 18dB min. load 100 ohms
6. Dielectric Withstanding: 1500V AC
7. Common Mode Rejection @ 1 ~ 100MHz ~ 30dB min.
8. Cross talk: @ 1 ~ 100 mhz ~ 30dB min.
9. HiPot Test
10. Input (R1 ~ R3) to Output (C1 ~ C2) : 1500VAC, 60 sec.
11. Input (R4 ~ R6) to Output (C3 ~ C6) : 1500VAC, 60 sec.

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MODULAR JACK, 8P8C, RIGHT ANGLE,
SHIELDED, W/LED'S & TRANSFORMER

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]	
TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XXX ± .015
.XXX ± .015	Ø.XXXX ± .010
APPROVALS	
DRAWN	BW
CHECKED	
APPROVED	
	DATE 3/22/07

TITLE	MODULAR JACK, 8P8C, RIGHT ANGLE, SHIELDED, W/LED'S & TRANSFORMER	
SIZE	PART NO.	REV.
X	MTJ-88S01-FSD-PG6-LG-M26	-
REF:	SCALE: NTS	SHEET 2 OF 2