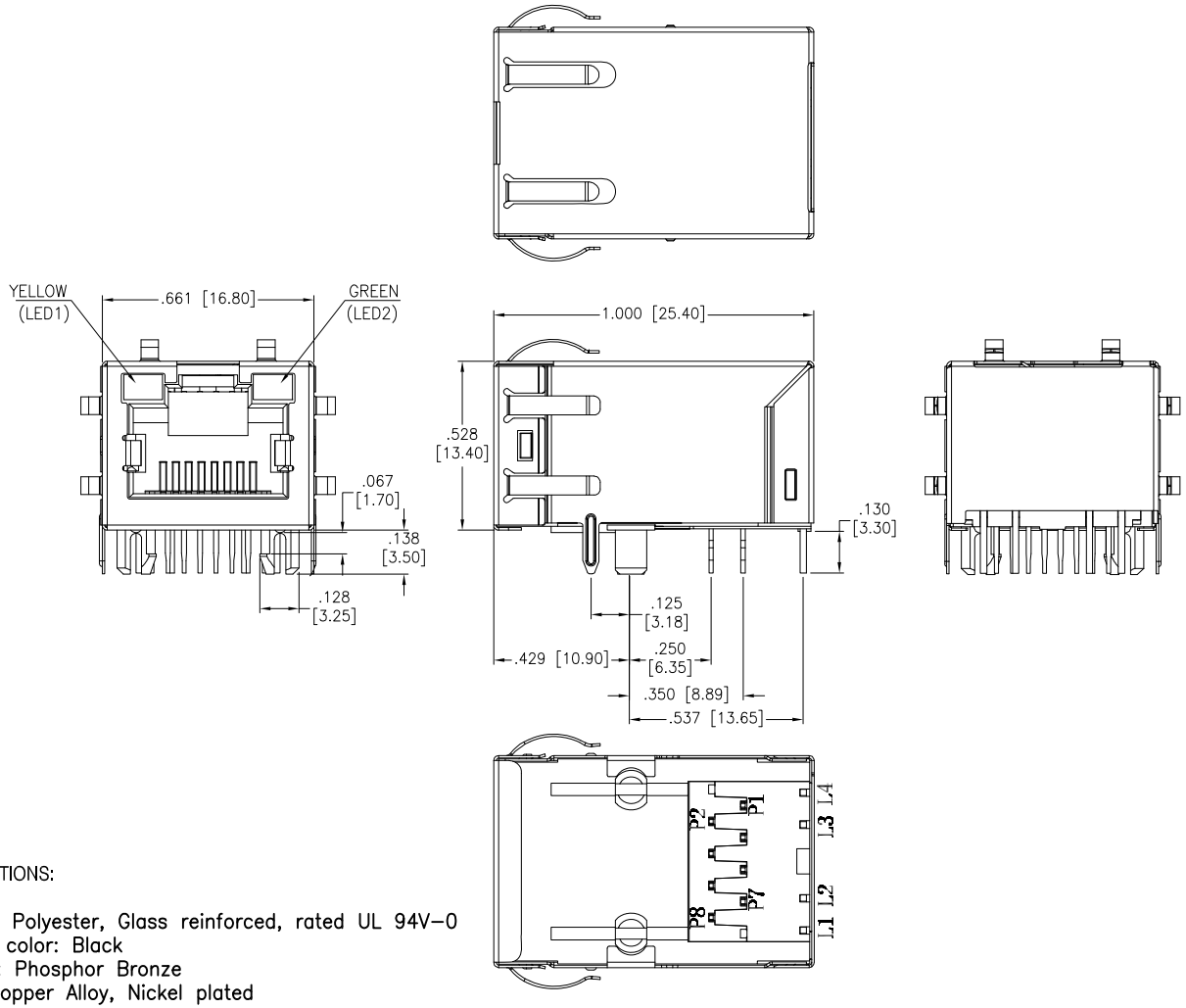
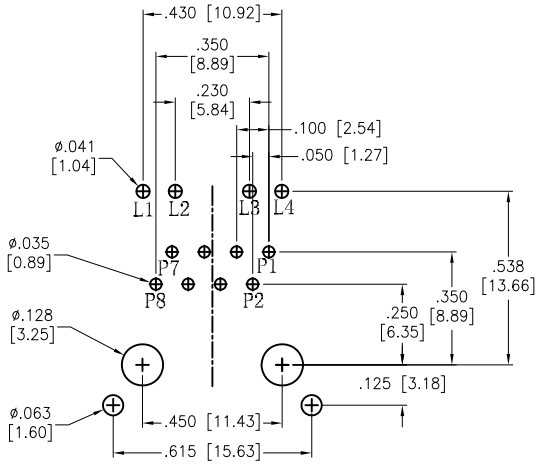
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/11/14	
A		UPDATE SHAPE & DIM.	10/22/14	AY/GC





RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Polyester, Glass reinforced, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Shield: Copper Alloy, Nickel plated

Contact Plating:

Gold Flash over Nickel underplate on contact area,
Tin over Copper underplate on tails
(See chart for thickness)

Electrical:

Contact Resistance: 30 mohms max.

Insulation resistance: 500 Mohms min.

Dielectric withstanding voltage: 1,500 VAC for 1 minut

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.

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	AY	9/11/14
CHECKED	GC	9/11/14
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 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSP-PG-LG-M4D	A

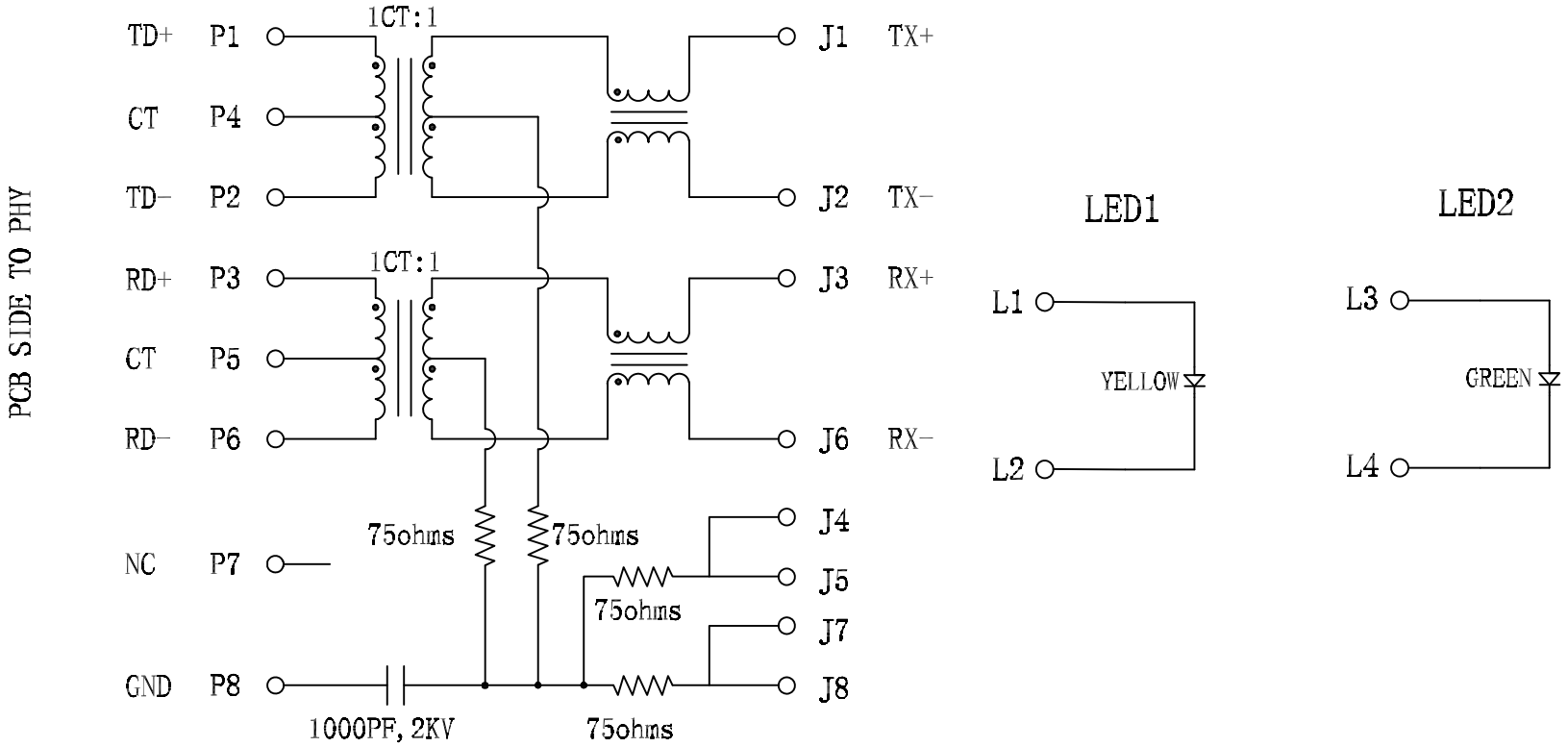
REF: S00167T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____

SCHEMATIC:



ELECTRICAL SPECIFICATIONS @ 25°C

1. Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:2 ±3%
   (P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
2. Inductance: 350uH min. @ 100KHz, 100mVRMS, 8mA DC Bias
3. HI-POT Test: PCB side to Cable side 1,500 VAC
4. Insertion Loss: 0.1MKHz TO 100MHz : -1.1dB MAX
5. Return Loss: 1MHz to 30MHz: -18dB Min.
   30MHz to 60MHz: -18+20LOG(F/30)dB Min.
   60MHz to 80MHz: -12dB Min.
6. CM to CM Rejection: 1MHz ~ 100 MHz : -30dB Mlin
7. CM to DM Rejection: 1MHz ~ 100 MHz : -35dB Mlin
8. Cross Talk: 1MHz ~ 100 MHz : -30dB Mlin

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
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REF: S00167T | SCALE: NTS | SHEET 2 OF 2