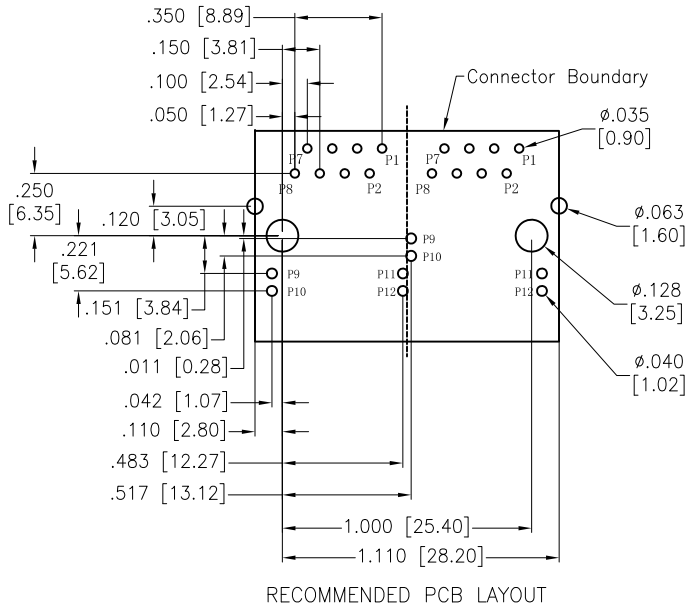
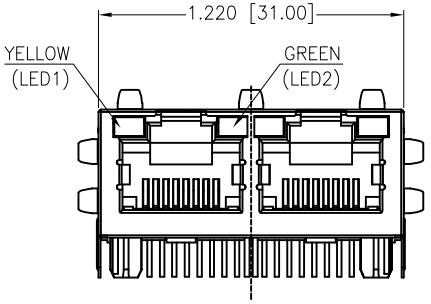
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/6/17	
A		UPDATED DIP DIM.	11/20/17	HR/IC

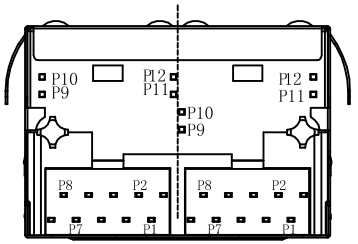
APPROVED: _____

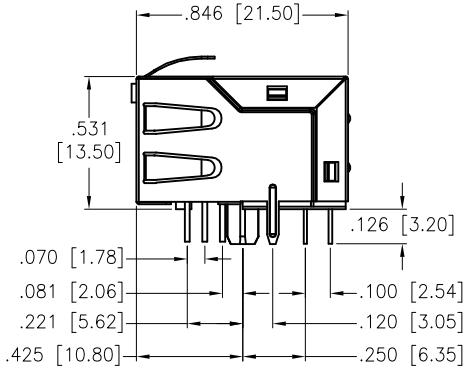
DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT







SPECIFICATIONS:

Material:
Insulator: Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Brass, Nickel plated

Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails

Electrical:
Voltage rating: 150 VAC
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500VAC or 2,250VDC

Temperature Rating:
Operating temperature: -40°C to +85°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	HR	11/6/17
CHECKED	IC	11/6/17
APPROVED		

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

TITLE: MODULAR JACK GANGED, 2 PORT, 8P8C, W/ LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJG-2-88TUX1-FSD-PG-VLG-M5C	A

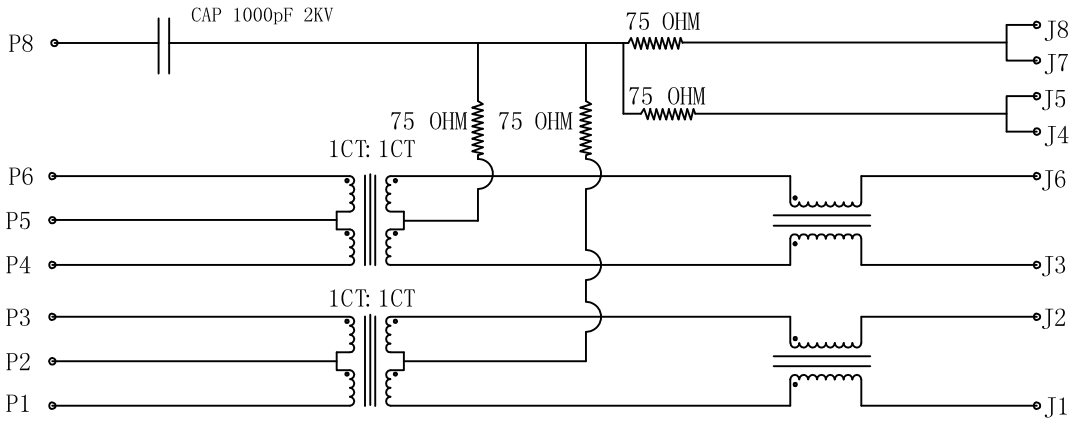
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



LED1	Yellow	LED2	Green
P10	–	P12	–
P9	+	P11	+

Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%
   (P4~P6):(J3~J6) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
4. Insertion Loss: 1–100MHz –1.2dB MAX
5. Return Loss: 1–30MHz –16dB MIN
   30–60MHz –12dB MIN
   60–80MHz –10dB MIN
6. CROSS TALK: 1–100MHz –30dB MIN
7. COMMON TO COMMON MODE ATTENUATION: 1–100MHz –30dB MIN
8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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	HR	11/6/17
CHECKED	IC	11/6/17
APPROVED		

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SIZE	PART NO.	REV.
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REF: S00005C | SCALE: NTS | SHEET 2 OF 2

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