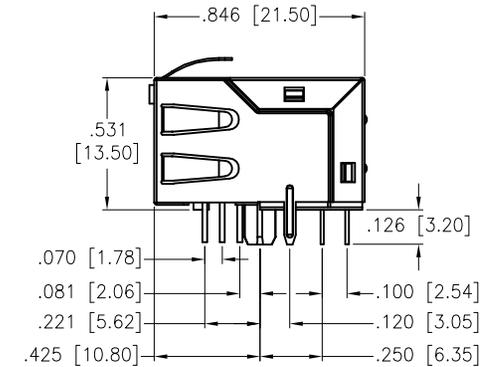
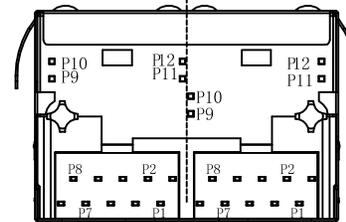
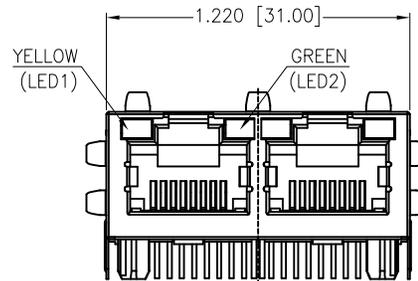
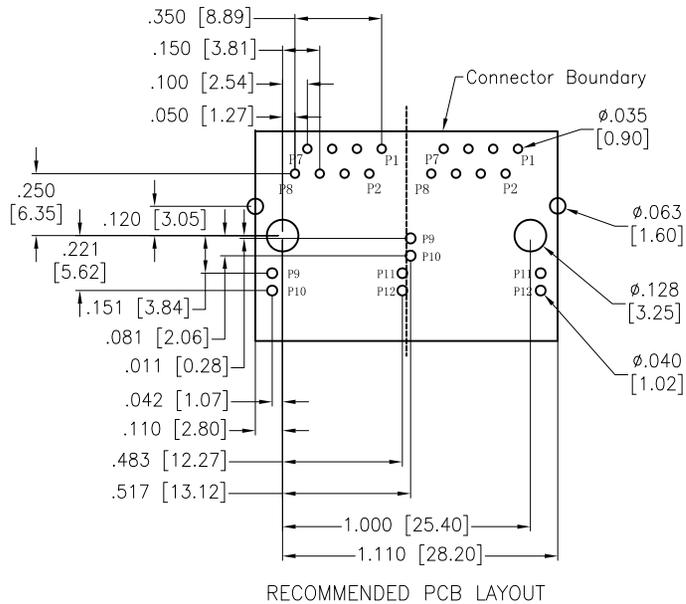


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 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



**B 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.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		
INCHES		HOLES
.X	± .10	∅X ± .10
.XX	± .020	∅XX ± .015
.XXX	± .015	∅XXX ± .010
APPROVALS		DATE
DRAWN	HR	11/6/17
CHECKED	IC	11/6/17
APPROVED		



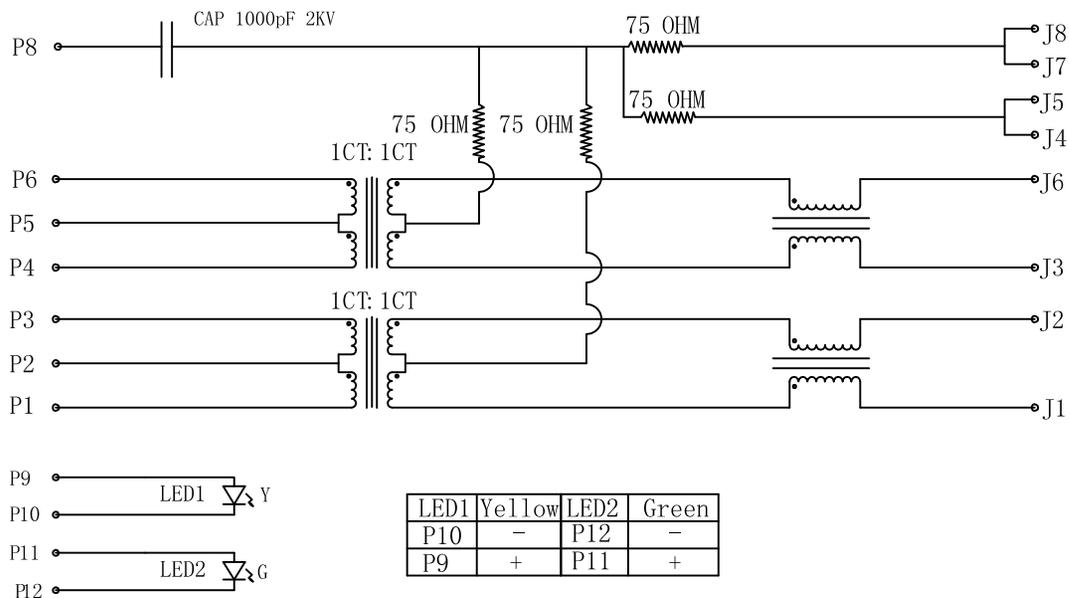
TITLE MODULAR JACK GANGED, 2 PORT, 8P8C, W/ LED1 YELLOW, LED2 GREEN		
SIZE X	PART NO. MTJG-2-88TUX1-FSD-PG-VLG-M5C	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



Electronical Specifications:

- Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%  
(P4~P6):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1~100MHz -1.2dB MAX
- Return Loss: 1~30MHz -16dB MIN  
30~60MHz -12dB MIN  
60~80MHz -10dB MIN
- CROSS TALK: 1~100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1~100MHz -30dB MIN
- 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



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

APPROVALS		DATE
DRAWN	HR	11/6/17
CHECKED	IC	11/6/17
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-2-88TUX1-FSD-PG-VLG-M5C	A
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2