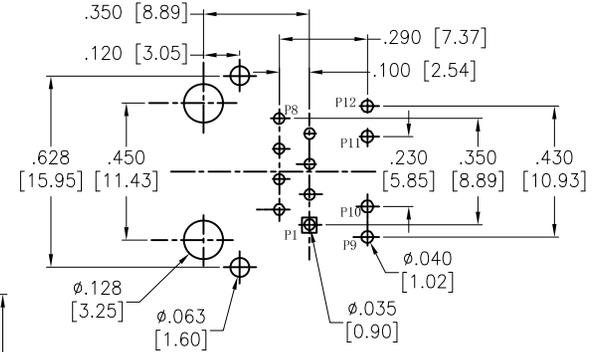
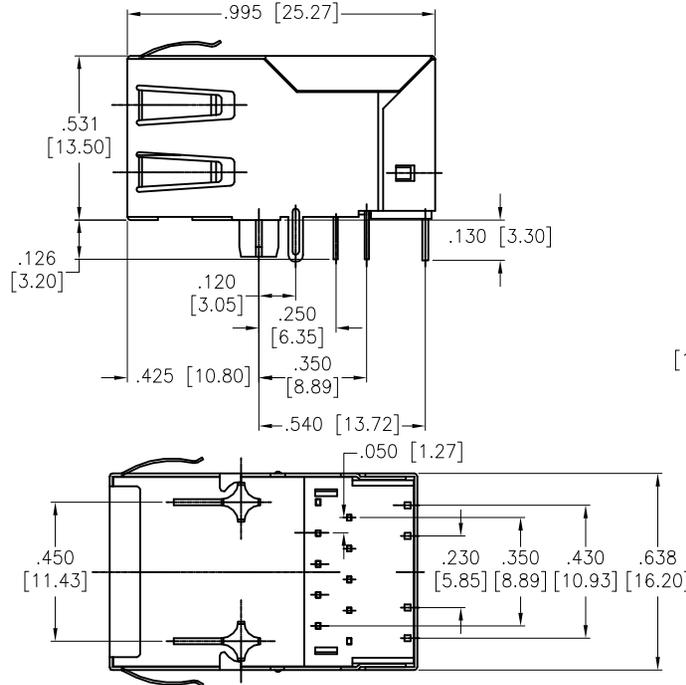
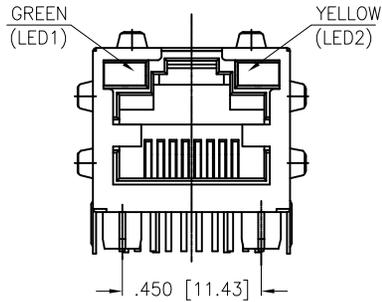


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	01/21/13	
A		UPDATE DRAWING	10/26/17	AY/RC



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Inserter: PBT, rated UL 94V-0, 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 max
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500VAC or 2250VDC
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



APPROVALS		DATE
DRAWN	TW	01/21/13
CHECKED	EH	01/21/13
APPROVED		



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

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LH-M114	A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

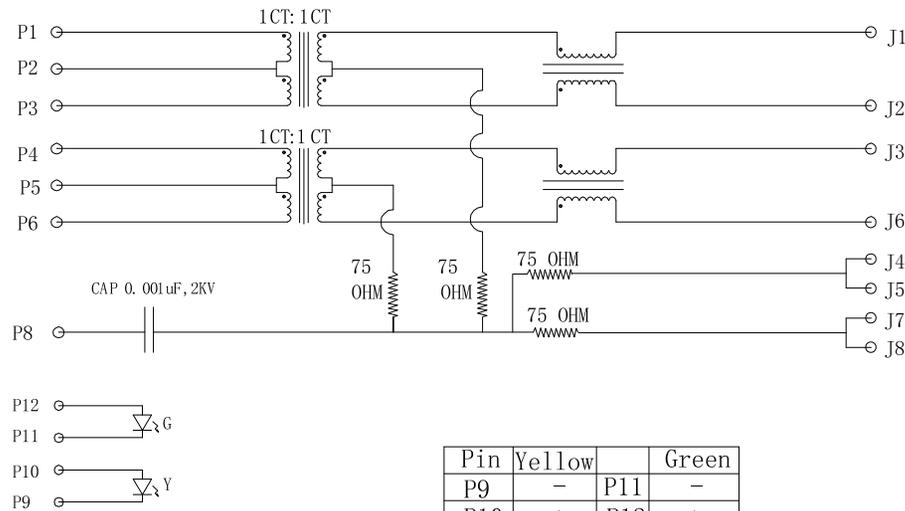
1

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Yellow		Green
P9	-	P11	-
P10	+	P12	+

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



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

APPROVALS		DATE
DRAWN	TW	01/21/13
CHECKED	EH	01/21/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LH-M114	A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1