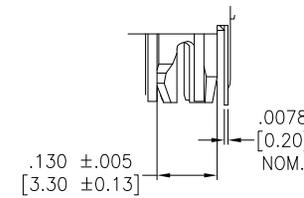
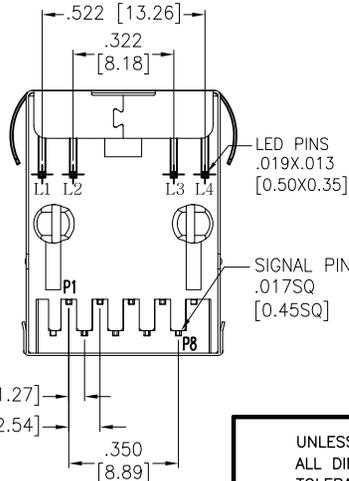
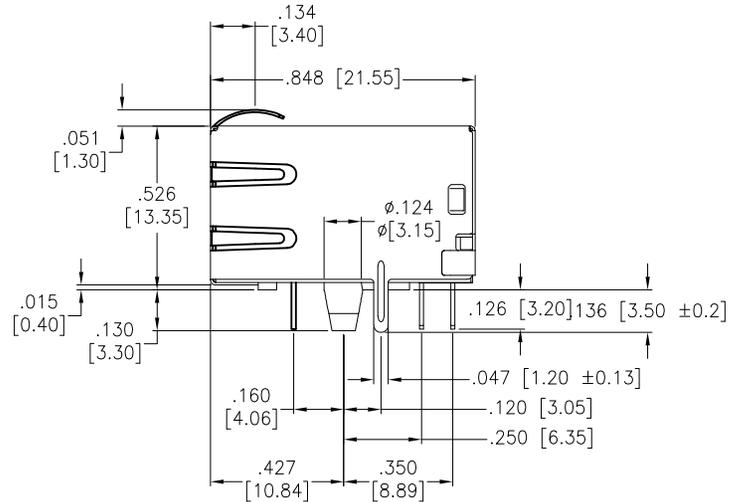
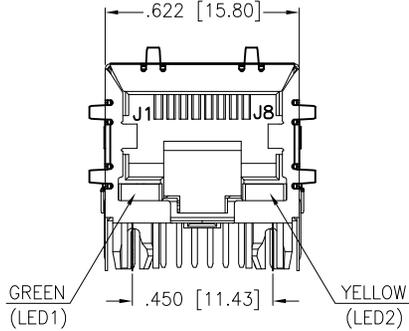
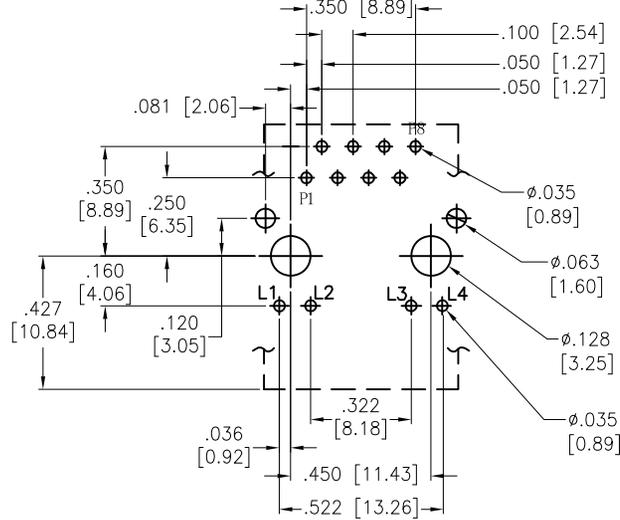
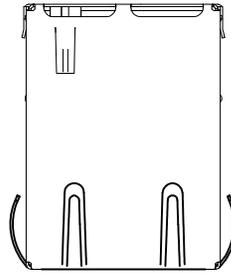
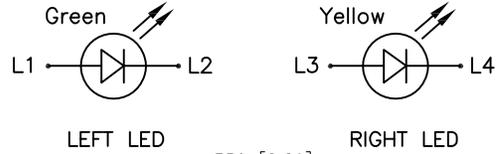


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Apr
-		RELEASED	5/28/14	
A		UPDATED	6/16/14	



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

SPECIFICATIONS:

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Solder Tail Terminal: Brass, Tin plated
 Shield: Stainless, Pre-Tin Soldering
Contact Plating:
 Gold Flash over 30u" min. Nickel underplate on contact area,
 80u" to 100u" Matte Tin over 30u" Min Nickel underplate on tails.
 (See chart for Gold thickness.)

Electrical:
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1000 VAC for 1 minute

Mechanical:
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Operating Life: 2,500 Cycles Min.

Environmental:
 Lead free, 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	5/28/14
CHECKED	YC	5/28/14
APPROVED		



TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
 RJ45, W/ LED1 GREEN LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LH-M41	A

REF: S00101C SCALE: NTS SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

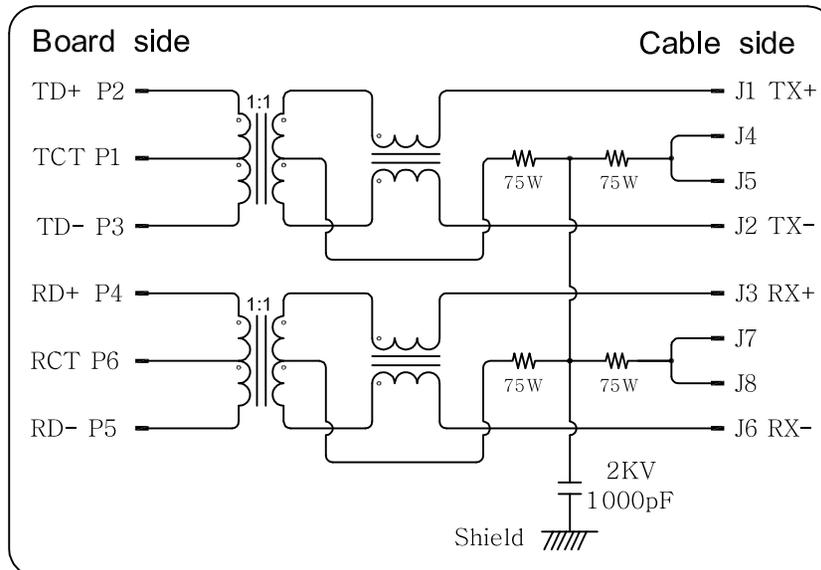
Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION

SCHEMATIC:

-10/100 BASE-T

-WITH LED



ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100W) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P2-P3),(P4-P5) : 350 uH MIN
6. HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
7. TURNS RATION 100KHz
 - (P2-P3) : (J1-J2) = 1:1 ±%5
 - (P4-P5) : (J3-J6) = 1:1 ±%5

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
 RJ45, W/ LED1 GREEN LED2 YELLOW

APPROVALS		DATE
DRAWN	AY	5/28/14
CHECKED	YC	5/28/14
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LH-M41	A
REF:	S00101C	SCALE: NTS
		SHEET 2 OF 2