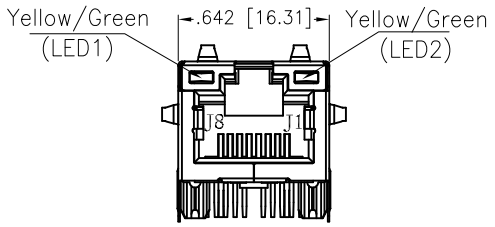
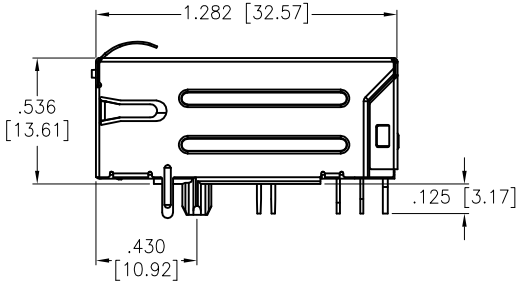
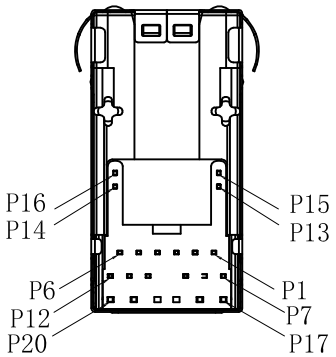
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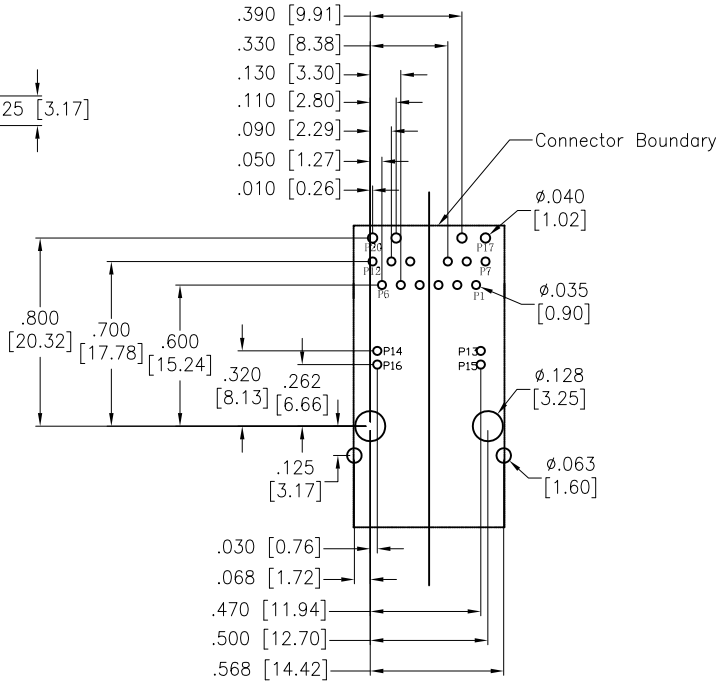
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/3/15	
A		UPDATE DRAWING	5/14/19	AY/IL









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: 2250 VDC for 1 minute
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	AY	9/3/15
CHECKED	OC	9/3/15
APPROVED		

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

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

SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-VLP-M70C	A

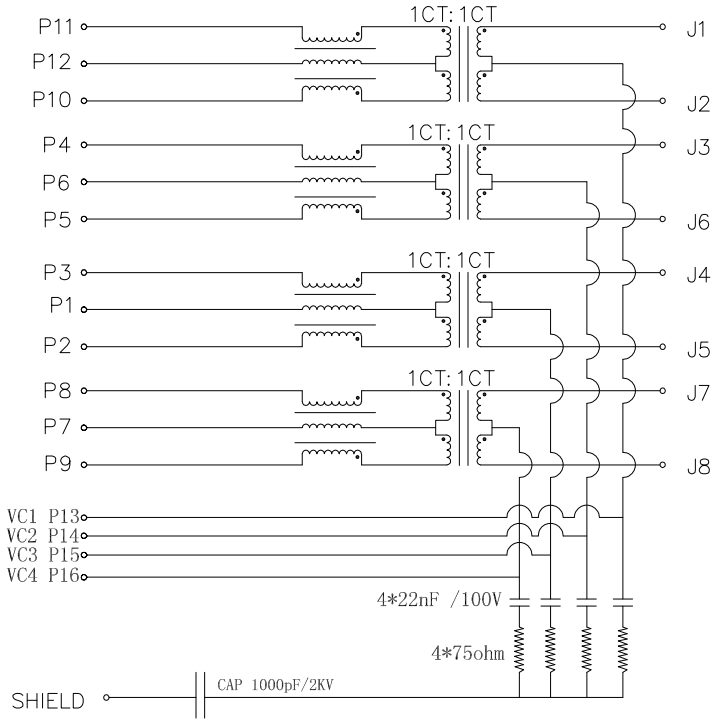
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

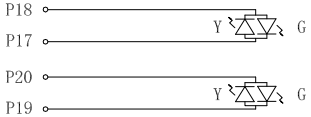
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

Circuit Schematic:





Pin	Yellow	Green		Yellow	Green
P17	+	–	P19	+	–
P18	–	+	P20	–	+

Electronical Specifications:

1. Turn Ratio @100KHz: (P11~P10):(J1~J2) = 1:1±5%
   (P4~P5):(J3~J6) = 1:1±5%
   (P3~P2):(J4~J5) = 1:1±5%
   (P8~P9):(J7~J8) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
   120uH MIN @100KHZ,0.1V 19mA DC BIAS
3. DC Resistance: 1.2 OHMS MAX
4. Insertion Loss: 1–100MHz –1.0dB MAX
   100–125MHz –1.2dB MAX
5. Return Loss: 1–40MHz –16dB MIN
   40–60MHz –12dB MIN
   60–80MHz –10dB MIN
   80–100MHz –8dB 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: 2250VDC
9. DC CURRENT/VOLTAGE RATING–PSE PINS: 720mA @57V(CONTINUOUS)

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: S00005C | SCALE: NTS | SHEET 2 OF 2