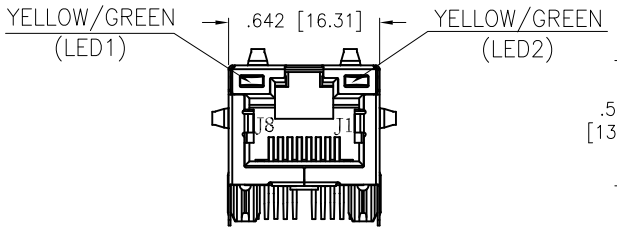
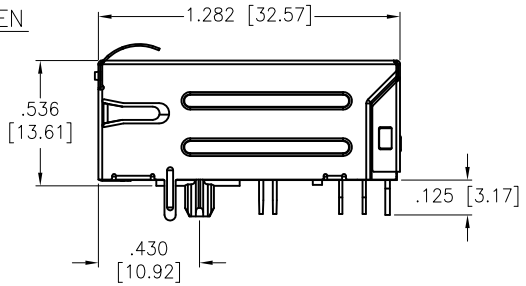
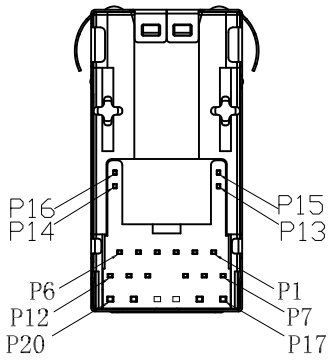
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/11/16	

APPROVED: _____

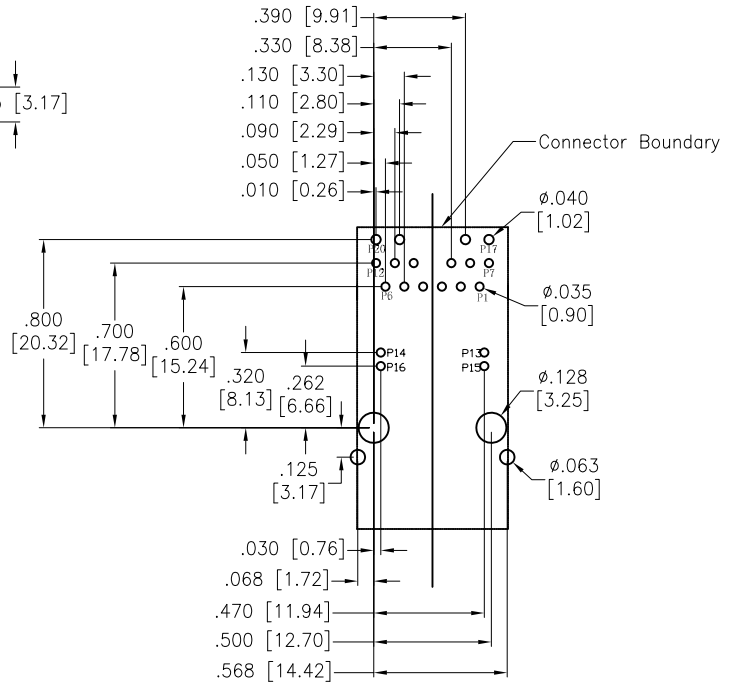
DATE: _____ TITLE: _____







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



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: Thermoplastic, rated UL 94V–0
Insulator color: Black
Contacts: Phosphor Bronze
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
(See chart for thickness)
Electrical:
Operating voltage: 150 VAC max
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	HR	5/11/16
CHECKED	SC	5/11/16
APPROVED		

ADAM TECH
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

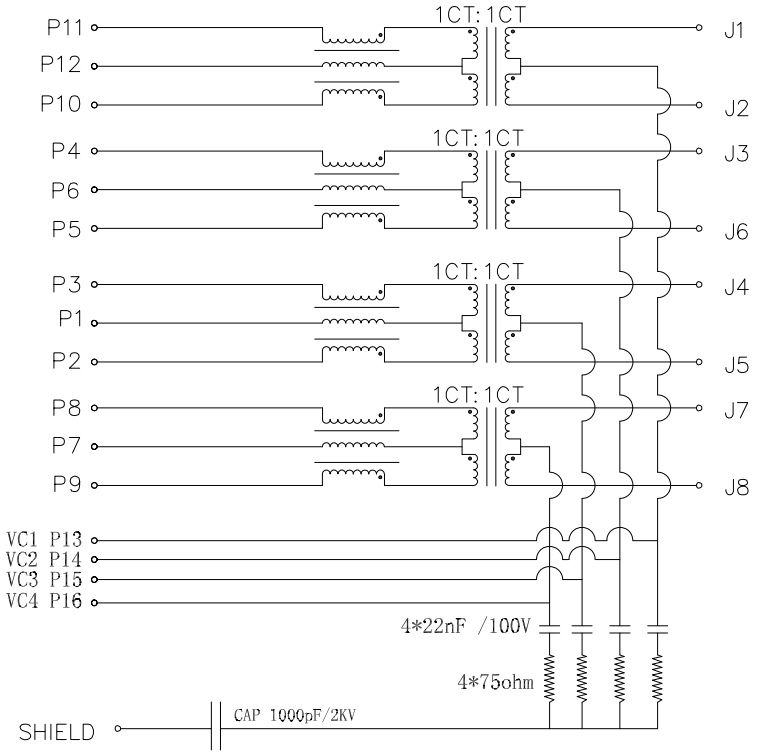
SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-LP-M70C	-

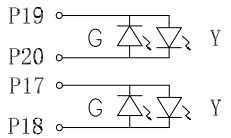
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





LED2	Green	Yellow	LED1	Green	Yellow
P17	−	+	P19	−	+
P18	+	−	P20	+	−

1.0 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%

2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
120uH MIN @100KHZ,0.1V 18mA DC BIAS

3.0 DC Resistance: 1.2 OHMS MAX

4.0 Insertion Loss: 1−100MHz −1.0dB MAX
100−125MHz −1.2dB MAX

5.0 Return Loss: 1−40MHz −16dB MIN
40−60MHz −12dB MIN
60−80MHz −10dB MIN
80−100MHz −8dB MIN

6.0 CROSS TALK: 1−100MHz −30dB MIN

7.0 COMMON TO COMMON MODE ATTENUATION: 1−100MHz −30dB MIN

8.0 Isolation: PHY Side to Line Side: 2250VDC

9.0 DC CURRENT/VOLTAGE RATING−PSE PINS: 600mA @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
DRAWN	HR	5/11/16
CHECKED	SC	5/11/16
APPROVED		

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

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

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