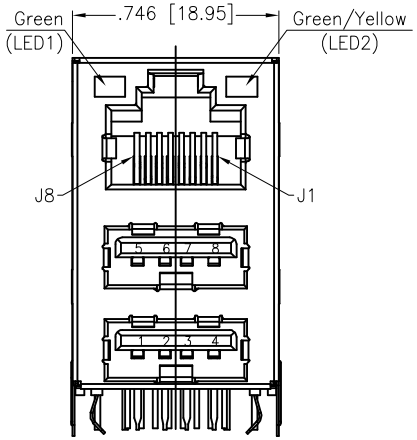
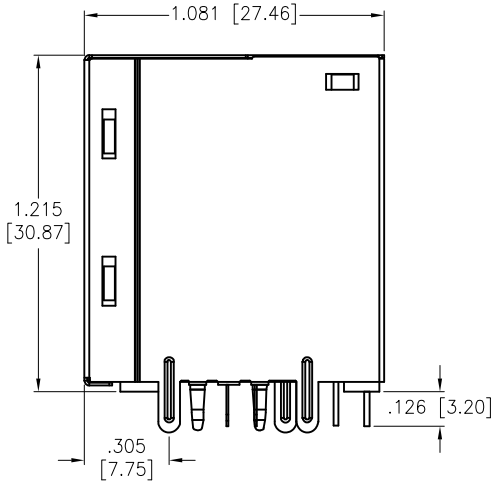
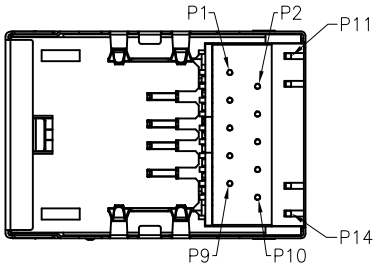
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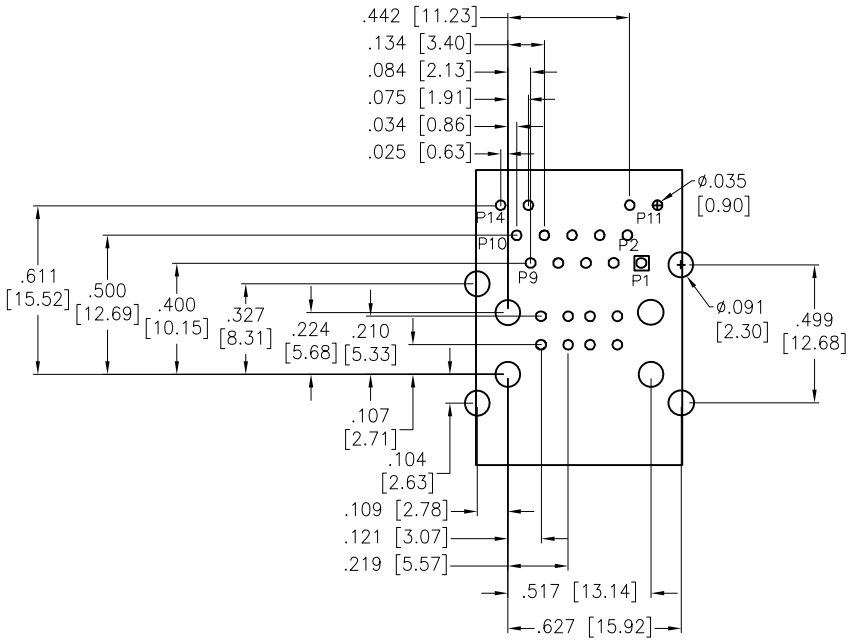
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Rev	AWO #	Description	Date	Appr
-		RELEASED	3/11/15	
A		UPDATED DRAWING	6/20/17	HR/YC
B		UPDATED SPEC.	4/27/18	AY/MY
C		UPDATED DIM.	5/27/20	AY/RC









RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: PBT, rated UL 94V-0
Insulator color: Black
Contacts: Phosphor Bronze
Shield: SUS304
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
Temperature Rating:
Operating temperature: 0°C to +70°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	3/11/15
CHECKED	WY	3/11/15
APPROVED		

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

TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 GRN, LED2 GRN/YEL, DUAL USB

SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-RL35-M86C	C

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

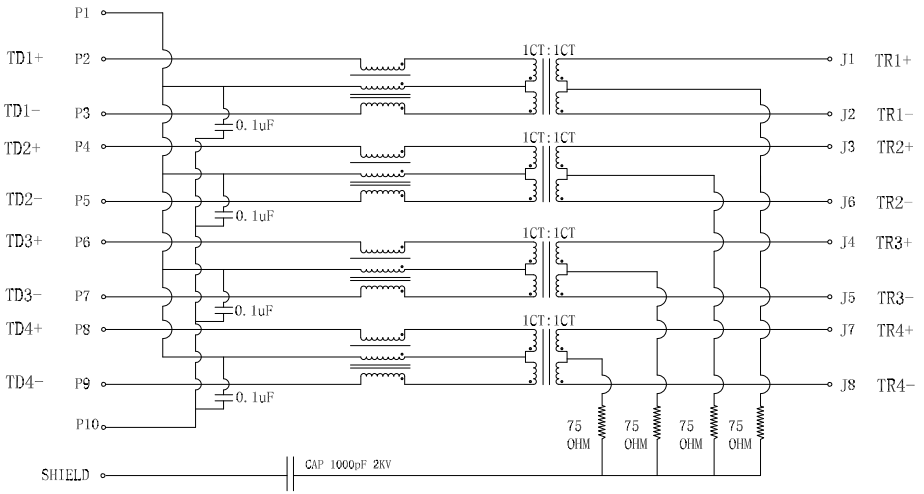
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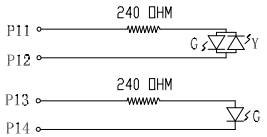
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

Circuit Schematic:





Pin	Green	Yellow	Pin	Green
P11	+	−	P13	+
P12	−	+	P14	−

Electronical Specifications:

1. Turn Ratio @100KHz: (P2~P3):(J1~J2) = 1:1±5%
   (P4~P5):(J3~J6) = 1:1±5%
   (P6~P7):(J4~J5) = 1:1±5%
   (P8~P9):(J7~J8) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance: 1.2 OHMS MAX
4. Insertion Loss: 1−100MHz −1.0dB MIN
   100−125MHz −1.2dB MIN
5. Return Loss: 1−40MHz −16dB MAX
   40−60MHz −12dB MAX
   60−80MHz −10dB MAX
   80−100MHz −8dB MAX
6. CROSS TALK: 1−100MHz −30dB MAX
7. COMMON TO COMMON MODE ATTENUATION: 1−100MHz −30dB MIN
8. Isolation: PHY Side to Line Side: 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

APPROVALS		DATE
DRAWN	HR	3/11/15
CHECKED	WY	3/11/15
APPROVED		

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SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-RL35-M86C	C

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

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