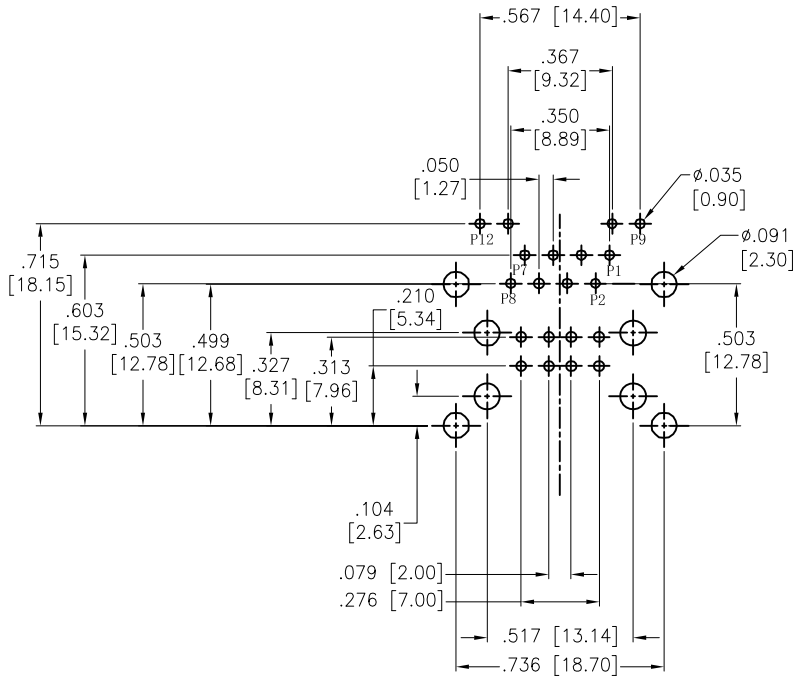
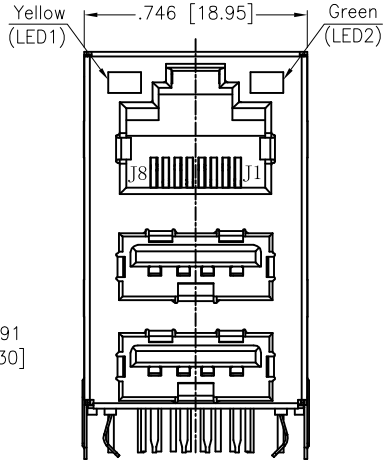
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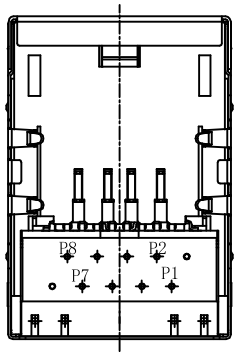
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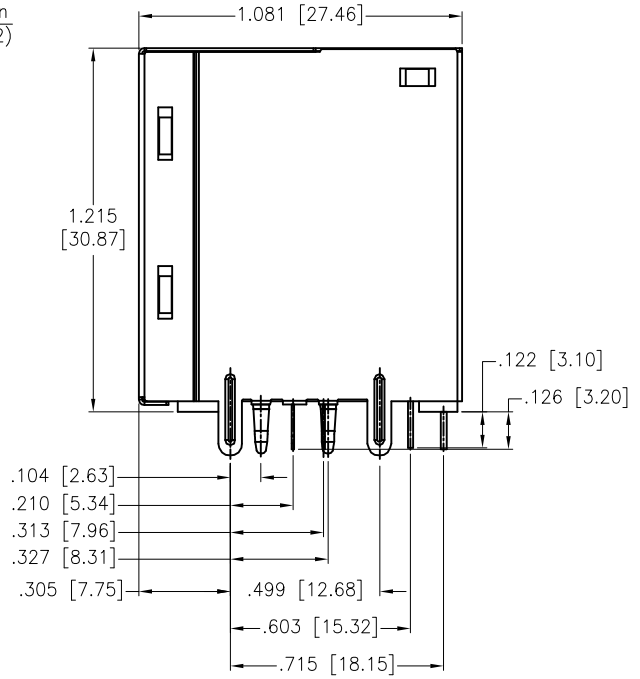
Rev	AWO #	Description	Date	Appr
-		RELEASED	9/30/13	
A		UPDATE DRAWING	7/13/16	AY/TW
B		UPDATE MATERIAL	9/21/18	AY/RC1
C		UPDATE DRAWING	10/22/18	AY/RC1



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: 1500 VAC or 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	AY	9/30/13
CHECKED	YC	9/30/13
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 , LED2 GREEN, DUAL USB

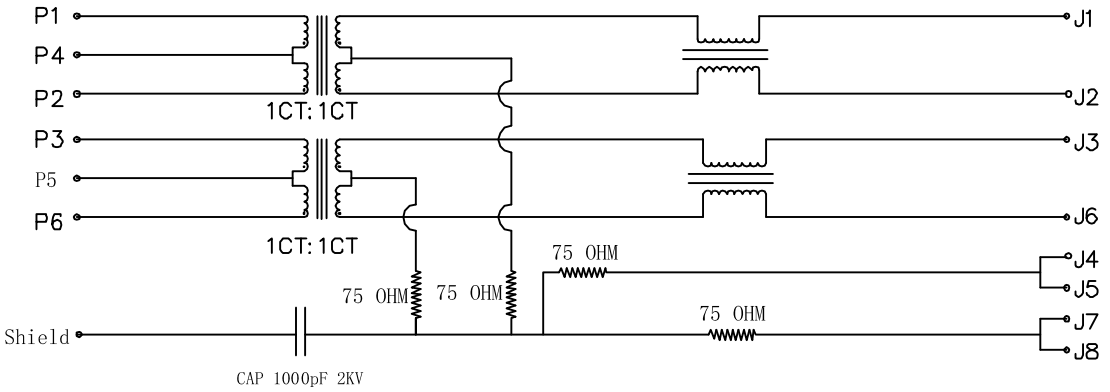
SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-LG-M4C	C

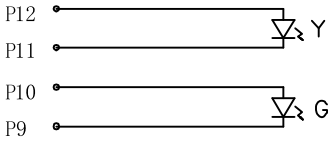
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





Pin	Yellow		Green
P12	+	P10	+
P11	−	P9	−

SPECIFICATIONS:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P3~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 Lone 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

APPROVALS		DATE
DRAWN	AY	9/30/13
CHECKED	YC	9/30/13
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-LG-M4C	C

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