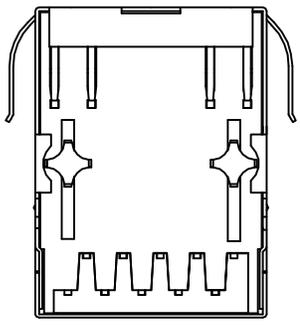
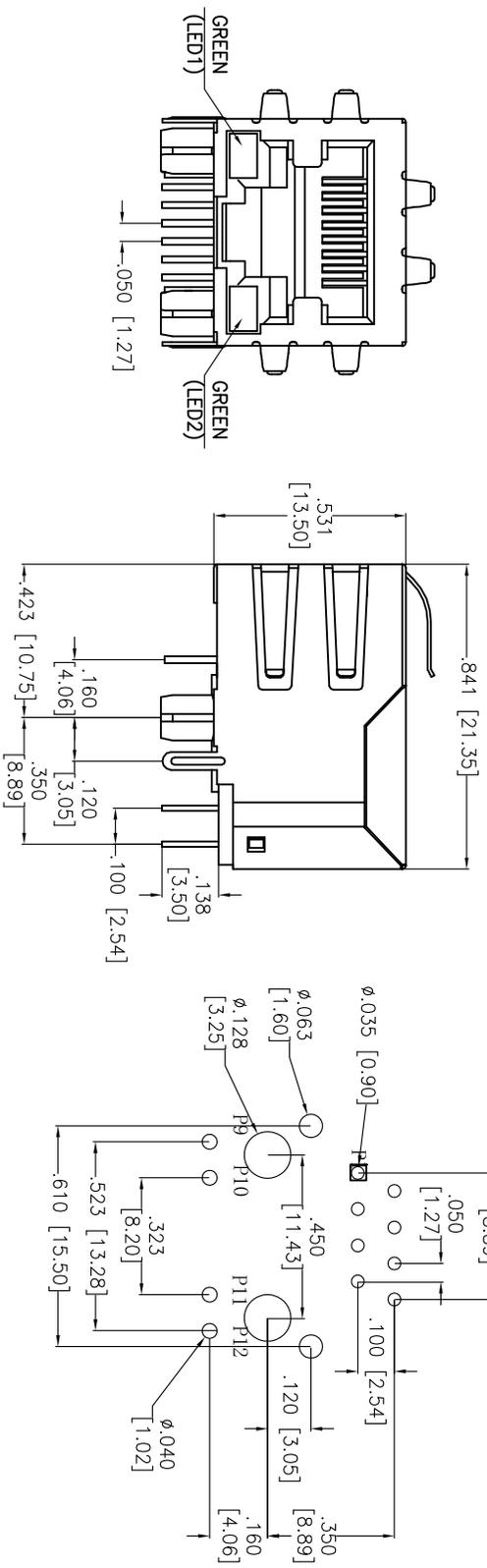


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/04/08	
A		REVISED PIN VIEW	11/16/09	



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

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES
 .X ± .10 Ø.X ± .10
 .XX ± .020 Ø.XXX ± .015
 .XXX ± .015 Ø.XXX ± .010
 APPROVALS DATE

ADAM TECH

909 Ratway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

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

SIZE PART NO. MTJ-88TX1-FSD-PG-LD-M4
 REF: SCALE: NTS SHEET 1 OF 2

SPECIFICATIONS:

Material: Insulator: PBT, glass reinforced , thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, Nickel plated
 Contact Plating:
 Tin over Copper underplate on tails
 Gold Flash over Nickel underplate on contact area.
 (See chart for thickness).
 Electrical:
 Operating voltage: 150 VAC max
 Current rating: 1.5 Amps max
 Contact Resistance: 20 mohms max. initial
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1000 VAC for 1 minut
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



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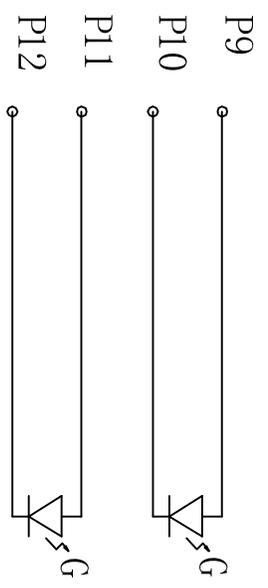
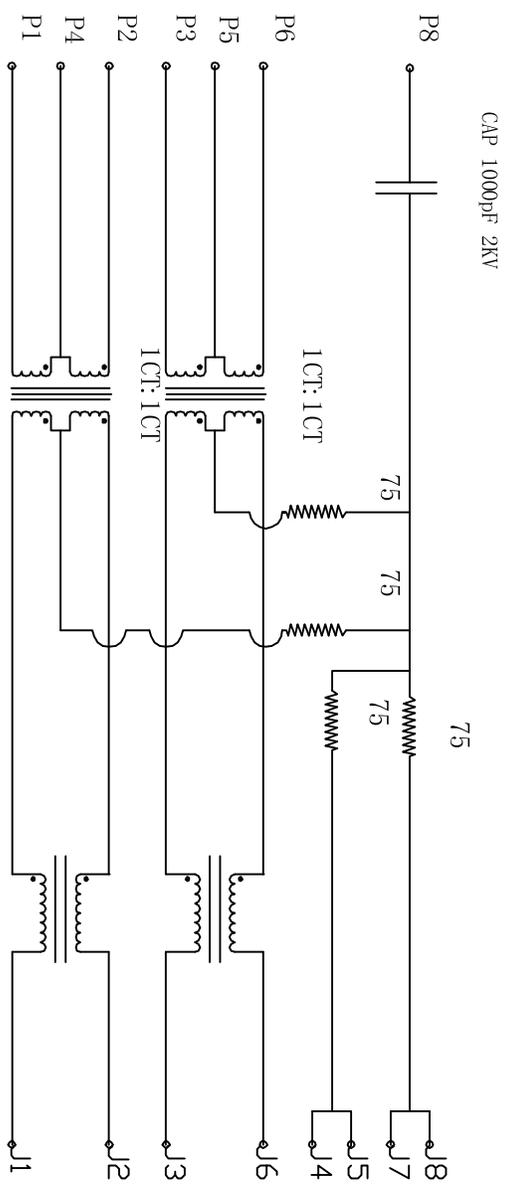
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Rev	AWO #	Description	Date	Appr
		SEE SHT 1 OF 2 FOR REVISION		

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS:

- Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
(P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
- Inductance: (P1 ~ P2) 350µH min. @ 0.1V, 100KHZ, 8mA DC Bias
(P3 ~ P6) 350µH min. @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P1 ~ P2 (with J1 and J2 Short): 0.35µH Max. @ 1 MHZ
P3 ~ P6 (with J3 and J6 Short): 0.35µH Max. @ 1 MHZ
- Interwinding Capacitance: (P1 ~ P2) : (J1 ~ J2): 35pF max. @ 1MHZ
(P3 ~ P6) : (J3 ~ J6) : 1.2 Ohms Max.
- DC Resistance: (J1 ~ J2):(J3 ~ J6) :1.2 Ohms Max.
- Return Loss: 1MHZ to 30MHZ: -18dB min / 30MHZ to 80MHZ: -12dB min
- Dielectric Withstanding: (P1~P2) : (J1~J2) :1500VAC
(P3~P6) : (J3~J6) :1500VAC
- Insertion Loss: RS=RL=1000HM : 100KHZ TO 80MHZ : -1.1dB Min.
- Cross Talk: 1MHZ to 100MHZ: 35dB Typ.
- Common to Common mode Attenuation 30MHZ to 100MHZ: 30dB Typ.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

.X	± .10	Ø.X	HOLES	± .10
.XX	± .020	Ø.XXX		± .015
.XXX	± .015	Ø.XXXX		± .010

APPROVALS

DRAWN	DY	DATE
		12/04/08

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

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
W/ LED1 GREEN, LED 2 GREEN

CHECKED		SIZE	PART NO.	REV.
APPROVED		X	MTJ-88TX1-FSD-PG-LD-M4	A
		REF:	SCALE: NTS	SHEET 2 OF 2

6

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