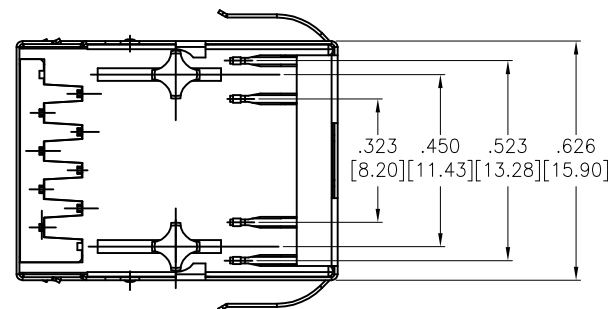
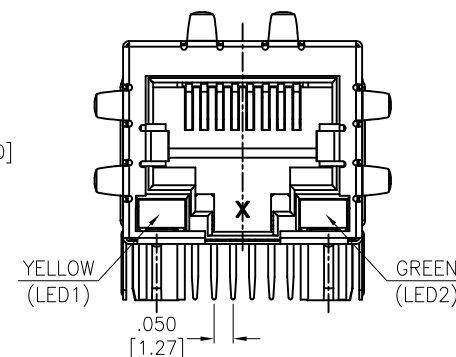
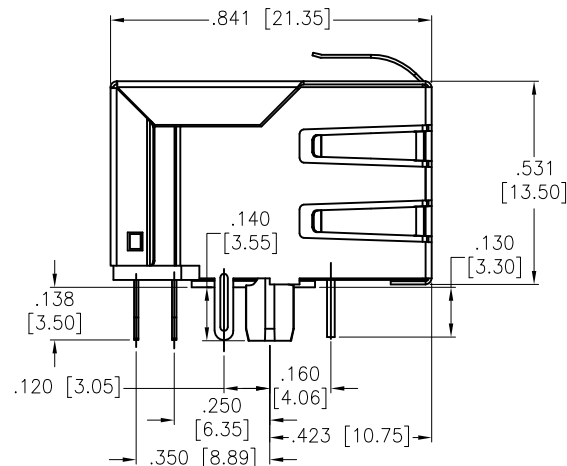
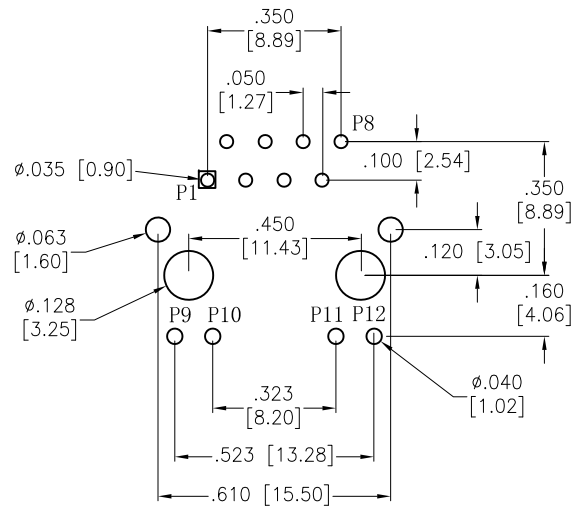


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/25/11	
A		REVISED SPEC.	03/07/12	
B		REVISED SPEC.	8/20/13	AY/KW
C		UPDATE DIM.	12/24/20	LH/BL
D		UPDATE DRAWING	10/18/24	LH/MC



SPECIFICATIONS:

Material:

Insulator: PA66, rated UL 94V-0, Color: Black

Insert: PBT, rated UL 94V-0, Color: Black

Contacts: Copper Alloy

Shield: Copper Alloy, 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: 1500V AC or 2250V DC

Temperature Rating:

Operating temperature: -0°C to +70°C

Environmental:

Lead free, RoHS compliant.



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

INCHES	HOLES
.X ± .10	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

DRAWN	DY	5/25/11
CHECKED		
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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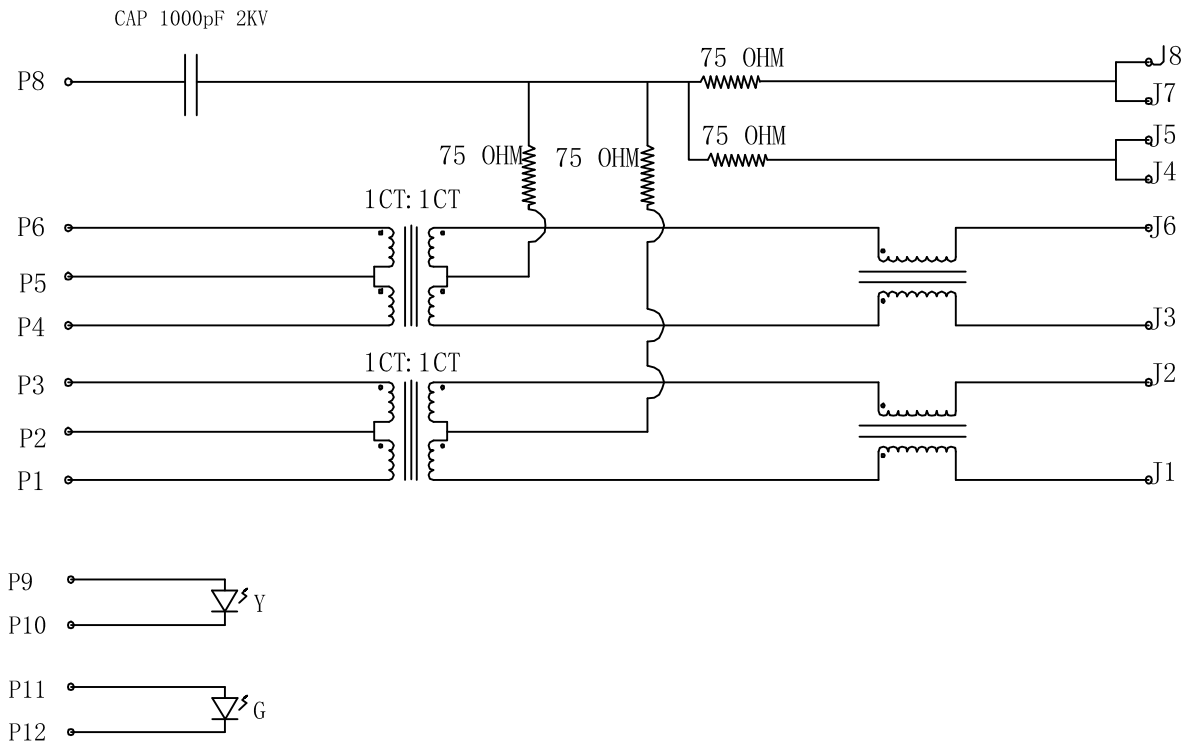
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE				MODULAR TELEPHONE JACK , 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN			
SIZE X		PART NO. MTJ-88TX1-FSD-PG-LG-M5			REV. D		
REF: S00005C		SCALE: NTS		SHEET 1 OF 2			

APPROVED: _____

DATE: _____ TITLE: _____

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



ELECTRICAL SPECIFICATIONS:

- Turns Ratio: (P1 ~ P3) : (J1 ~ J2) 1:1 $\pm 3\%$
(P4 ~ P6) : (J3 ~ J6) 1:1 $\pm 3\%$
- Inductance: (P1 ~ P3) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
(P4 ~ P6) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P1 ~ P3 (with J1 and J2 Short): 0.35uH Max. @ 1 MHZ
P4 ~ P6 (with J3 and J6 Short): 0.35uH Max. @ 1 MHZ
- Interwinding Capacitance: (P1 ~ P3) : (J1 ~ J2): 35pF max. @ 1MHZ
(P4 ~ P6) : (J3 ~ J6): 35pF max @ 1mhz
- DC Resistance: (J1 ~ J2):(J3 ~ J6) :1.2 Ohms Max.
- Return Loss: 1MHZ to 30MHZ: -18dB min
30MHZ to 60MHZ: $-(18-20\log(f/30))$ dB min (where f is in MHZ)
60MHZ to 80MHZ: -12dB min
- Dielectric Withstanding: (P1~P3) : (J1~J2) : 1500VAC OR 2250VDC
(P4~P6) : (J3~J6) : 1500VAC OR 2250VDC
- Insertion Loss: 1MHZ TO 100MHZ : -1.2dB Max.
- Cross Talk: 1MHZ to 100MHZ: -30dB min.
- Common to Common mode Attenuation 1MHZ to 100MHZ: -30dB min.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
INCHES		HOLES
.X $\pm .10$		$\varnothing$.X $\pm .10$
.XX $\pm .020$		$\varnothing$.XX $\pm .015$
.XXX $\pm .015$		$\varnothing$.XXX $\pm .010$

DRAWN	DY	5/25/11
CHECKED		
APPROVED		

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Union, NJ 07083
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TITLE MODULAR TELEPHONE JACK , 1 PORT, 8P8C W/ LED1 YELLOW, LED 2 GREEN		
SIZE X	PART NO. MTJ-88TX1-FSD-PG-LG-M5	REV. D
REF: S00005C	SCALE: NTS	SHEET 2 OF 2