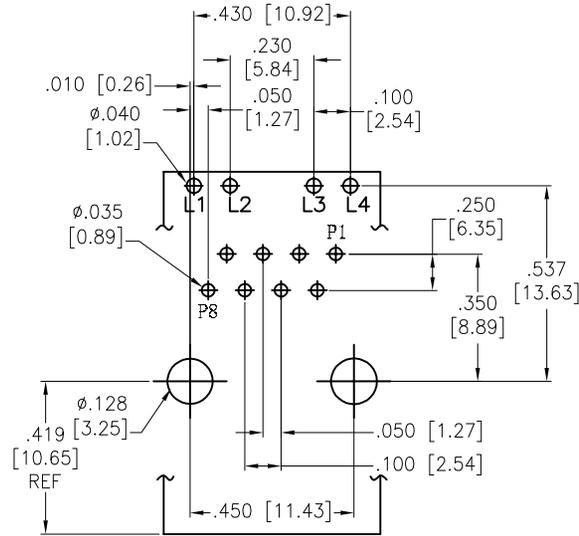


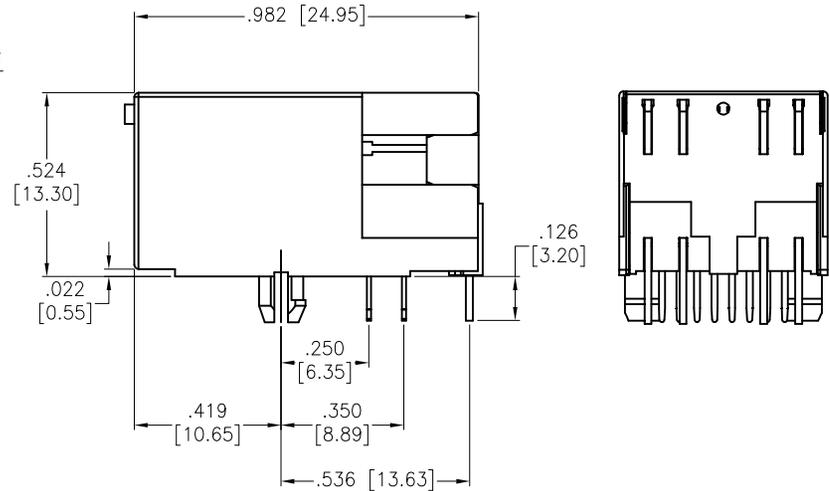
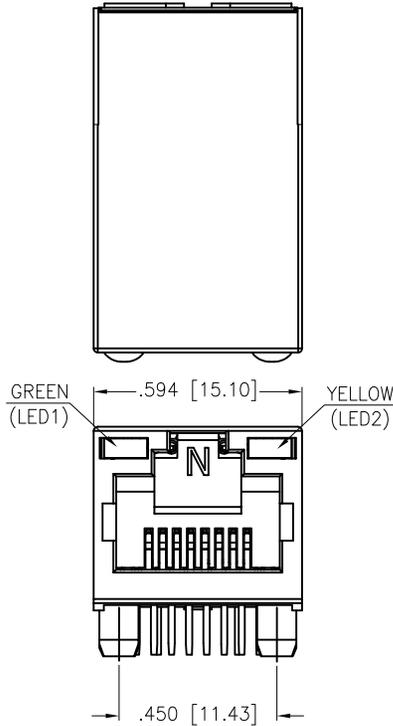
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/28/15	
A		UPDATE DRAWING	3/15/17	
B		UPDATE DRAWING	2/6/23	JJ/KL



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Solder: Brass, Tin plated
 Contact Plating:
 Flat contact
 Gold over Nickel underplate on contact area,
 Tin over Copper underplate on solder tails
 Round contact
 Gold over Nickel underplate overall
 Electrical:
 Voltage rating: 150 VAC max
 Current rating: 1.5 Amps max
 Contact resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1,500 VAC 2,250 VDC for 1 minut
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

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	AY	8/28/15
CHECKED	SL	8/28/15
APPROVED		

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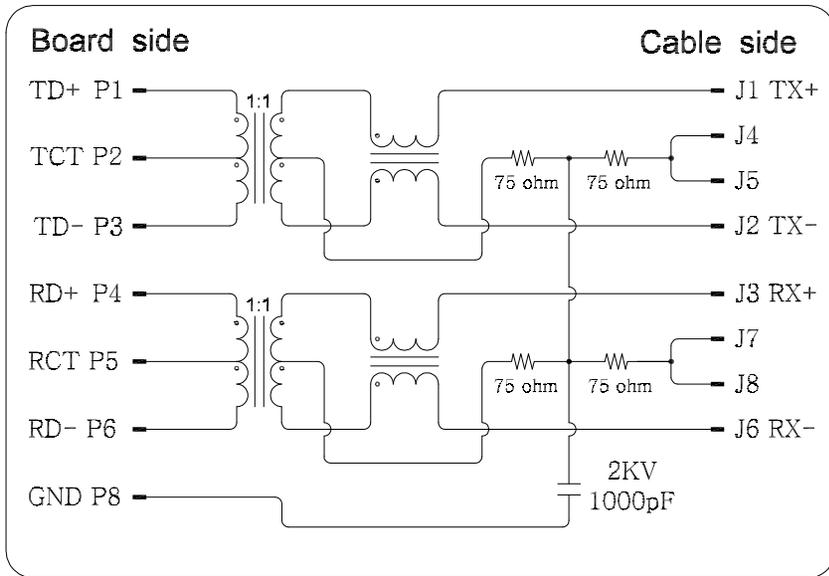
909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 Fax: 908-687-5710

TITLE		MODULAR JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW	
SIZE	PART NO.	REV.	
X	MTJ-88SX1-LH-M204-HT-T/R	B	
REF:	S00101C	SCALE:	NTS
		SHEET 1 OF 3	

APPROVED: _____

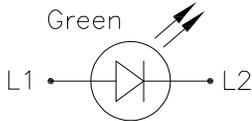
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

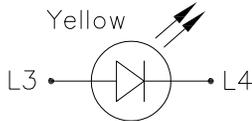


ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P3),(P4-P6) : 350 uH MIN
6. DCR
 - (J1-J2),(J3-J6) : 1.2 Ohm MAX
7. HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
 - (P1-P3) : (J1-J2) = 1:1 ±%3
 - (P4-P6) : (J3-J6) = 1:1 ±%3



LEFT LED



RIGHT LED

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
INCHES		HOLES
.x ±.10	∅x ±.10	
.xx ±.020	∅xx ±.015	
.xxx ±.015	∅xxx ±.010	
DRAWN	AY	8/28/15
CHECKED	SL	8/28/15
APPROVED		
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ADAM TECH	909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
	TITLE MODULAR JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW	
SIZE X	PART NO. MTJ-88SX1-LH-M204-HT-T/R	REV. B
REF: S00101C	SCALE: NTS	SHEET 2 OF 3

6

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3

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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

D

D

C

C

B

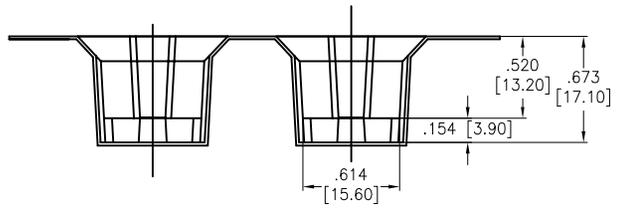
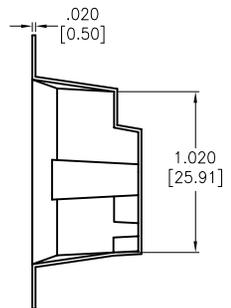
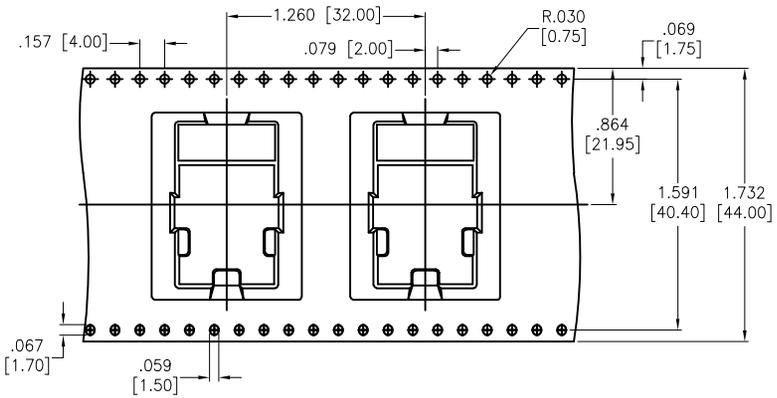
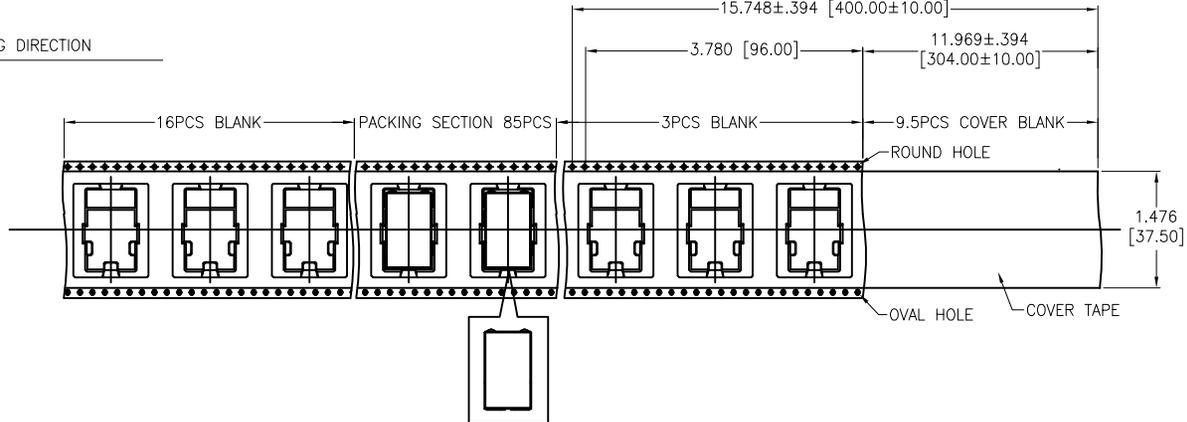
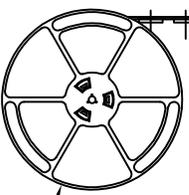
B

A

A

I.D: $\varnothing 3.937$ [100.00]
 O.D: 12.992 [330.00]

← PACKING DIRECTION



- Notes:
 1.Packing conforms EIA-481-B standards.
 2.10 sprocket hole pitch cumulative.
 3.Carrier camber is within 1mm in 250mm.
 4.Material:Black polystyrene.
 5.Packing length per 13" reel:3.328meters.
 6.Component load per 13" reel:85pcs.

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

INCHES		HOLES	
.X	± .10	\varnothing .X	±.10
.XX	± .020	\varnothing .XX	±.015
.XXX	± .015	\varnothing .XXX	±.010

ADAM TECH 909 Rahway Avenue,
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 Phone: 908-687-5000
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DRAWN	AY	8/28/15
CHECKED	SL	8/28/15
APPROVED		

TITLE MODULAR JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88SX1-LH-M204-HT-T/R	REV. B

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REF: S00101C	SCALE: NTS	SHEET 3 OF 3
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