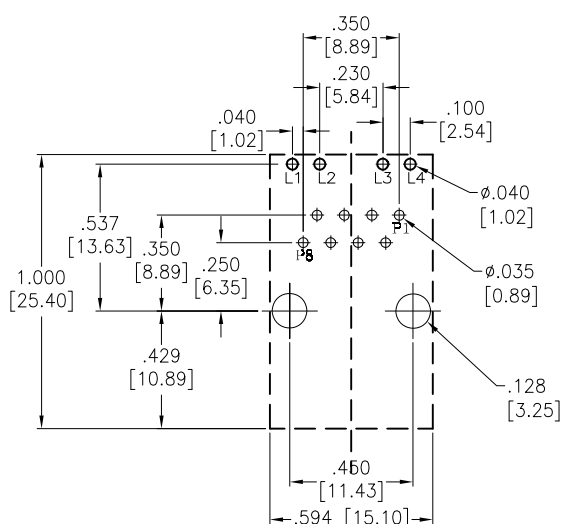
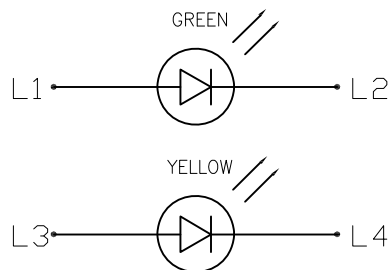
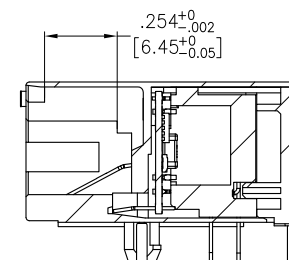
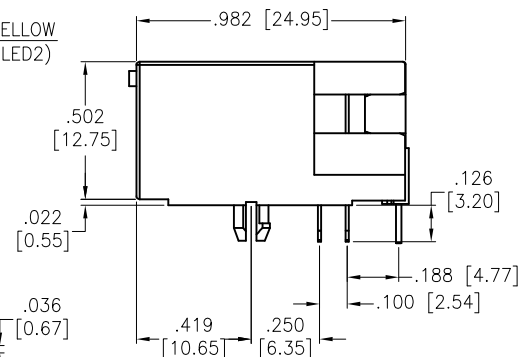
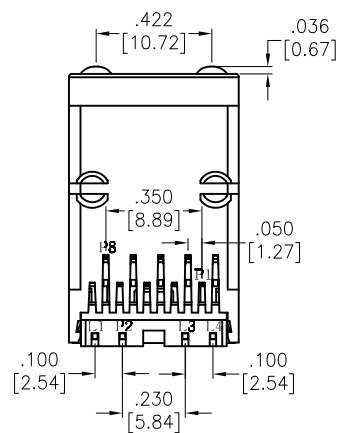
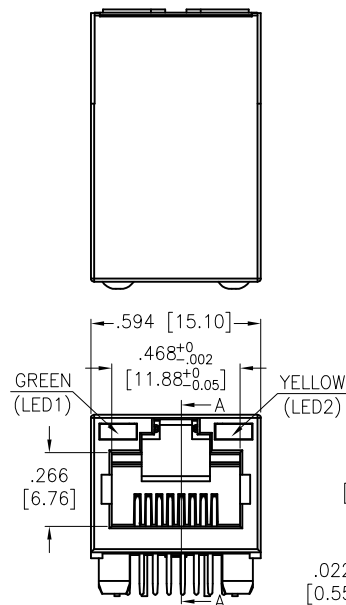


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/9/16	



RECOMMENDED PCB LAYOUT



SECTION A-A

SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Contact Plating:

Gold Flash over Nickel underplate on contact area,

Tin over Copper underplate on tails

(See chart for thickness).

Electrical:

Insulation resistance: 100 Mohms min @ 400 VDC

Dielectric withstanding voltage: 1500 VAC for 1 minut

Environmental:

Lead free, RoHS compliant.



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

PACKAGED ON TAPE & REEL

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			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710		
APPROVALS			TITLE		
DATE			MODULAR JACK, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW		
DRAWN	HR	3/9/16	SIZE	PART NO.	REV.
CHECKED	SL	3/9/16	X	MTJ-88SX1-LH-M5D-HT-T/R	-
APPROVED			REF: S00101C	SCALE: NTS	SHEET 1 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

Description

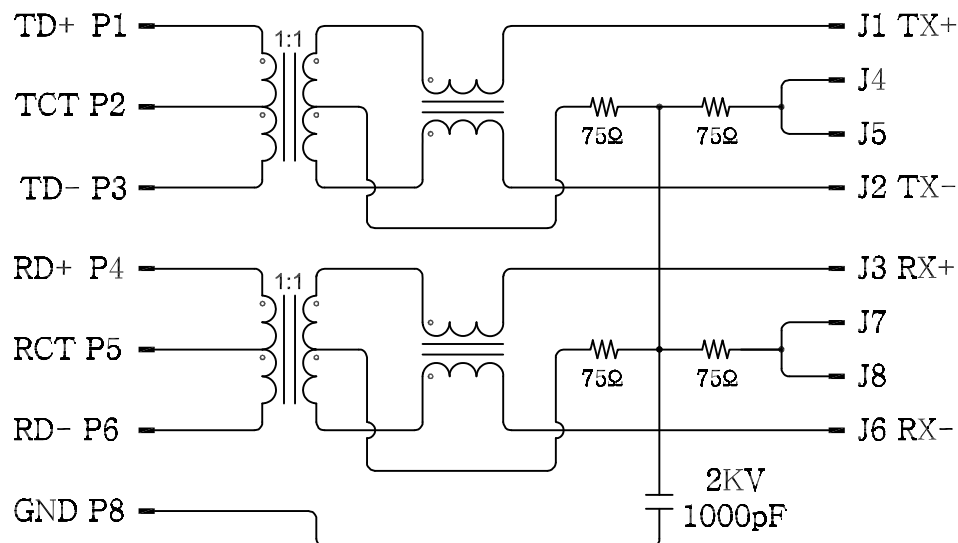
Date

Appr

SEE SHT 1 OF 3 FOR REVISION

Board side

Cable side



ELECTRICAL SPECIFICATIONS

1.TR:(100KHz,0.1V):

Pins:(P1-P3):(J1-J2)=1:1±3%

Pins:(P4-P6):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, Dc Bias)

Pins:(P1-P3),(P4-P6)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6)=1.2 Ohm Maximum

4.HIPOT:

Pins:(P1,P3)To(J1,J2)=1500VAC&2250VDC For 60s

Pins:(P4,P6)To(J3,J6)=1500VAC&2250VDC For 60s

5.INSERTION LOSS:

-1.0dB Maximum At 1MHZ To 100MHZ

6.RETURN LOSS:

-18dB Minimum At 1MHZ To 30MHZ;

-16dB Minimum At 30MHZ To 60MHZ;

-12dB Minimum At 60MHZ To 80MHZ

7.CROSS TALK:

-30dB Minimum At 1MHZ To 100MHZ

8.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 1MHZ To 100MHZ

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

3/9/16

CHECKED

SL

3/9/16

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-M5D-HT-T/R

-

REF:

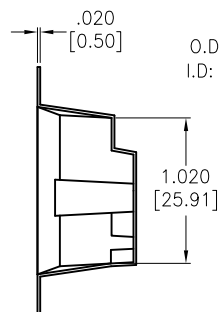
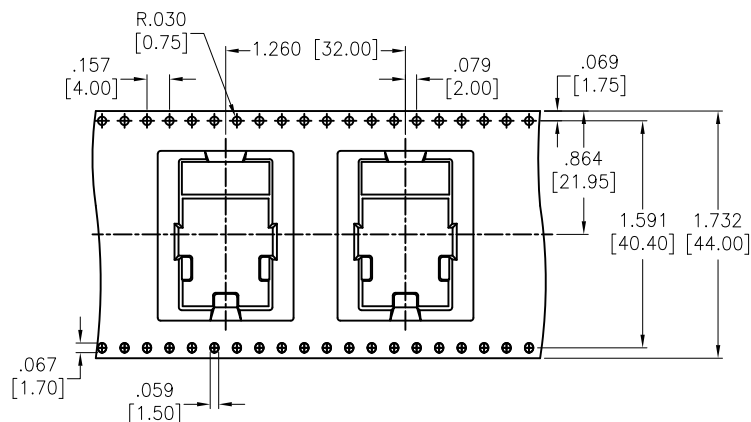
S00101C

SCALE: NTS

SHEET 2 OF 3

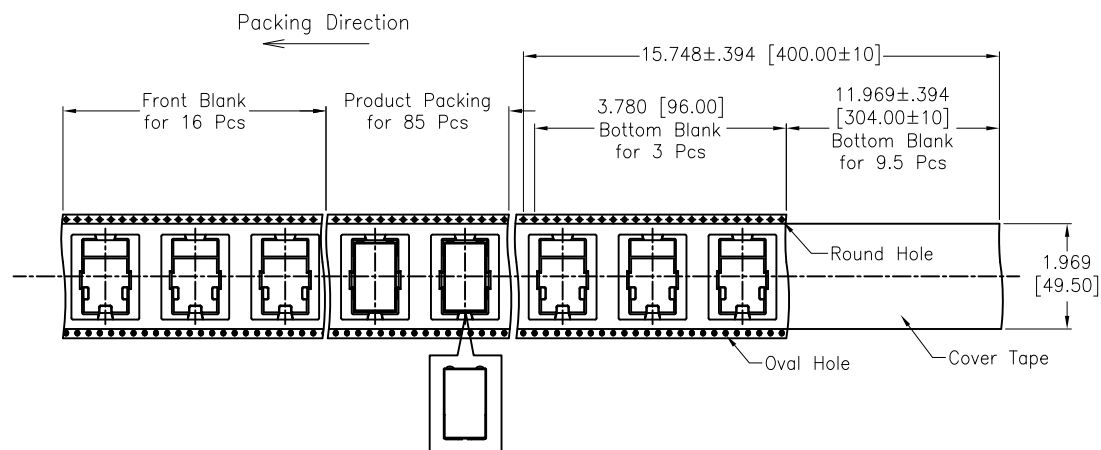
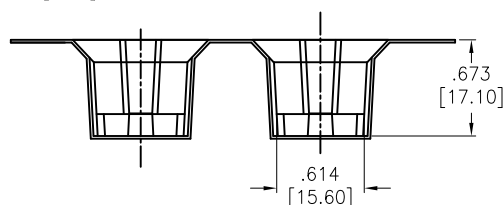
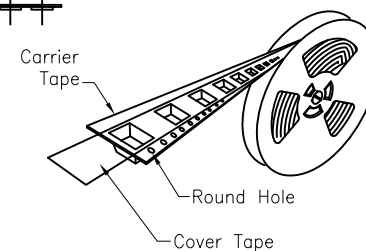
APPROVED: _____
DATE: _____ TITLE: _____

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



Reel
O.D: 3.937 [100.00]
I.D: 12.992 [330.00]

Packing Direction
85 Pcs / Reel
6 Reel / Carton
510 Pcs / Carton



- 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 Ø.X ±.10
.XX ±.020 Ø.XX ±.015
.XXX ±.015 Ø.XXX ±.010

APPROVALS		DATE
DRAWN	HR	3/9/16
CHECKED	SL	3/9/16
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88SX1-LH-M5D-HT-T/R	-
REF:	S00101C	SCALE: NTS
SHEET 3 OF 3		