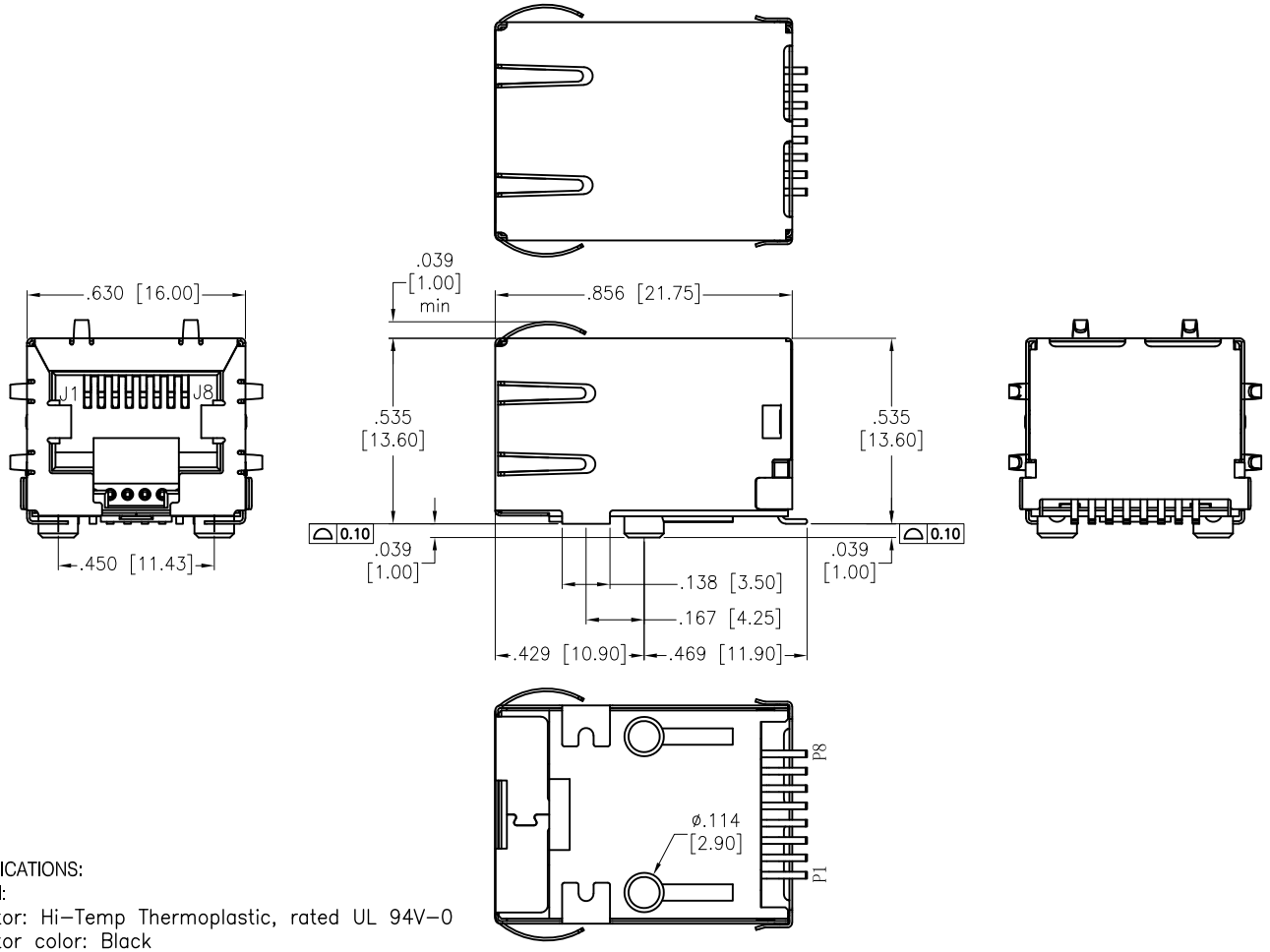
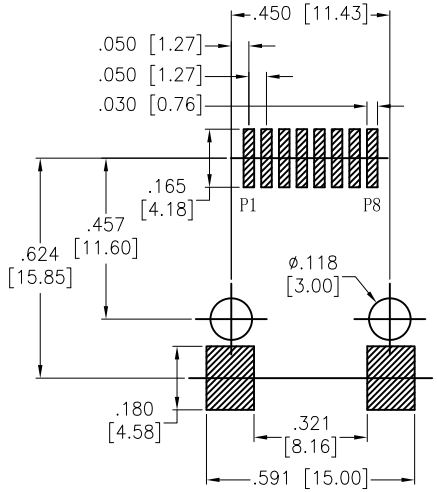
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/8/16	
A		UPDATED SPEC.	6/11/18	HR/KC
B		ADDED DIM.	10/18/19	AY/LW





RECOMMENDED PCB LAYOUT
(TOP VIEW)

SPECIFICATIONS:
Material:
Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Copper Alloy, Nickel plated
Cantacts 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:
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
Temperature Rating:
Operating temperature: -40°C to +85°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	8/8/16
CHECKED	AL	8/8/16
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
FULL SHIELD, SURFACE MOUNT TYPE

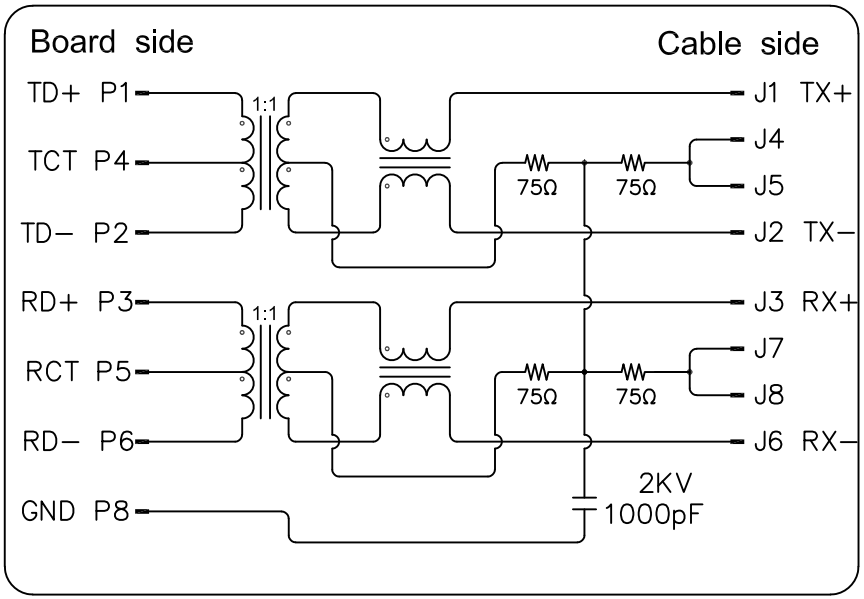
SIZE	PART NO.	REV.
X	MTJ-88TX1-FS-PG-M4Y-SMT	B

REF: S00101C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



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 −10dB 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−P2),(P3−P6) : 350 uH MIN

6. DCR
   - (J1−J2),(J3−J6) : 1.2 Ohm MAX

7. HI−POT TEST
   - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S

8. TURNS RATION 100KHZ
   - (P1−P2) : (J1−J2) = 1:1 ±%3
   - (P3−P6) : (J3−J6) = 1:1 ±%3

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

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X	MTJ-88TX1-FS-PG-M4Y-SMT	B

REF: S00101C | SCALE: NTS | SHEET 2 OF 2