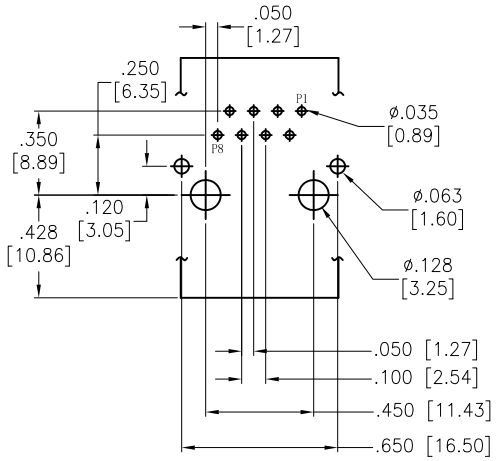
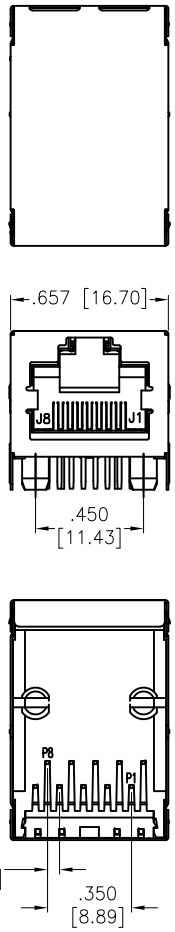
Rev	AWO #	Description	Date	Appr
-		RELEASED	4/28/22	

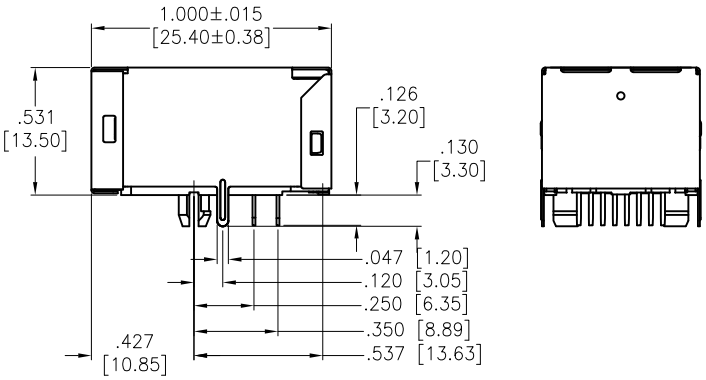
APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT





SPECIFICATIONS:

Material:
Housing: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black
Module case: Thermoplastic,, rated UL 94V-0, Color: Black
Contacts: Phosphor Bronze
Solder tail terminal: Brass, Tin plated
Shield: Stainless, 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:
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
Temperature Rating:
Operating temperature: 0°C to +70°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

DRAWN	WX	4/28/22
CHECKED	YC	4/28/22
APPROVED		

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

TITLE: MODULAR TELEPHONE JACK , 1 PORT, 8P8C

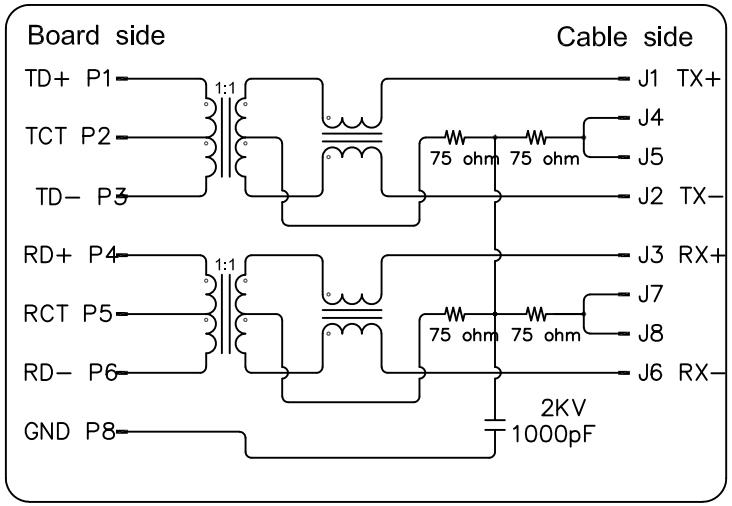
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-M5Y-HT-A	-

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

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

APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS :

1. MATERIAL
- HOUSING : THERMOPLASTIC, UL 94V−0, PA6T,BLACK
- MODULE CASE : THERMOPLASTIC, UL 94V−0, BLACK
- RJ CONTACTS : PHOSPHOR BRONZE
  PLATING : SELECT GOLD ON CONTACT AREA (SEE PART NO),
  100U" MIN TIN PLATING ON SOLDER TAILS, 30U"MIN NICKEL OVERALL
- SOLDER TAIL TERMINAL : BRASS,
  PLATING : 100U"MIN TIN , 30U"MIN NICKEL OVERALL
- SHIELD : STAINLESS, THICKNESS=0.2MM, NICKEL OVERALL

2. RJ45 SPECIFICATIONS
- INSULATION RESISTANCE : 500 MOHMS MIN
- INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
- REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
- DURABILITY :750 CYCLES

3. OPERATING AND STORAGE TEMPERATURE
- OPERATING TEMPERATURE : 0°C TO +70°C
- STORAGE TEMPERATURE : −40°C TO +85°C

4. TEMPERATURE CONDITION OF WAVE SOLDERING:

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

DRAWN	WX	4/28/22
CHECKED	RC	4/28/22
APPROVED		

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TITLE
MODULAR TELEPHONE JACK , 1 PORT, 8P8C

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-M5Y-HT-A	-

REF:	SCALE:	SHEET
S00101C	NTS	2 OF 2