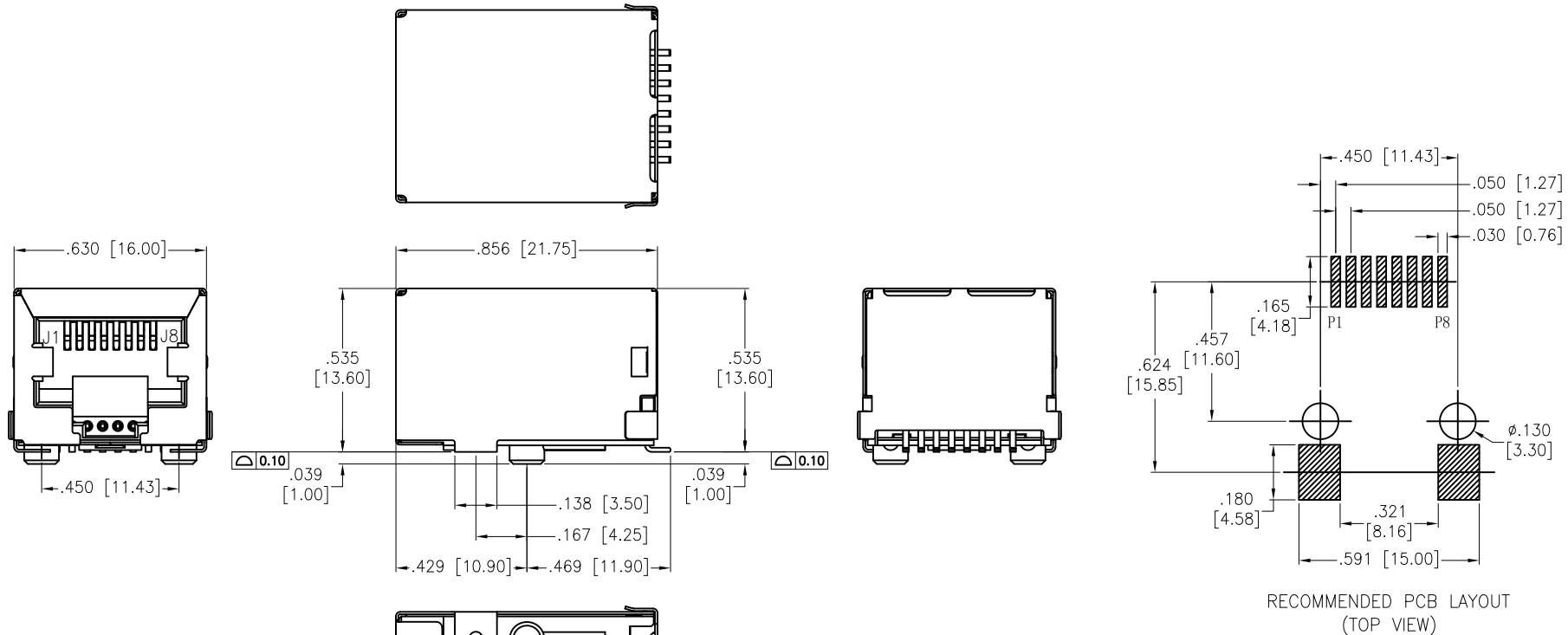


APPROVED: _____
 DATE: _____ TITLE: _____

| | | | | |
|-----|-------|-------------|---------|------|
| Rev | AWO # | Description | Date | Appr |
| - | | RELEASED | 8/26/15 | |



SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, Nickel plated
 Contacts 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.



| | | | |
|-------------------------------------------------------------------------------------------------------------|--------------|---------|--|
| 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 | 8/26/15 | |
| CHECKED | TW | 8/26/15 | |
| APPROVED | | | |

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

| | | | |
|----------------------------------------------------------------------------------|----------------------|------------|--------------|
| TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C FULL SHIELD, SURFACE MOUNT TYPE | | | |
| SIZE | PART NO. | REV. | |
| X | MTJ-88TX1-FS-M4Y-SMT | - | |
| REF: | S00101C | SCALE: NTS | SHEET 1 OF 2 |

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

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

Board side

TD+ P1
 TCT P4
 TD- P2
 RD+ P3
 RCT P5
 RD- P6
 GND P8

Cable side

J1 TX+
 J4
 J5
 J2 TX-
 J3 RX+
 J7
 J8
 J6 RX-
 2KV
 1000pF

ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
 - 1~100 MHZ -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHZ -18dB MIN
 - 30~60 MHZ -16dB MIN
 - 60~80 MHZ -10dB MIN
- COMMON MODE REJECTION
 - 1~100 MHZ -30dB MIN
- CROSS TALK
 - 1~100 MHZ -30dB MIN
- INDUCTANCE @ 100KHZ, 0.1V, 8MA DC BIAS
 - (P1-P2),(P3-P6) : 350 uH MIN
- DCR
 - (J1-J2),(J3-J6) : 1.2 Ohm MAX
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS 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 | ∅.X ± .10 |
| .XX ± .020 | ∅.XX ± .015 |
| .XXX ± .015 | ∅.XXX ± .010 |

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| DRAWN | AY | 8/26/15 |
| CHECKED | TW | 8/26/15 |
| APPROVED | | |

TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C
 FULL SHIELD, SURFACE MOUNT TYPE

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

REF: S00101C SCALE: NTS SHEET 2 OF 2

6 5 4 3 2 1