

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

| Rev | AWO # | Description     | Date     | Appr   |
|-----|-------|-----------------|----------|--------|
| -   |       | RELEASED        | 8/16/21  |        |
| A   |       | UPDATED DRAWING | 4/11/23  | JJ/KC  |
| B   |       | UPDATED SPEC.   | 12/19/23 | WX/LL1 |

MMI-M1RSGXXS-IP67

SIZE 1

ALIGNMENT KEY

G = 0°

# OF POSITIONS

(02, 03, 04, 05, 06, 07, 08, 10, 14 & 16)

ALIGNMENT KEY

0°

KEY G

**B**

|                     | 2 Pin                                                                                 | 3 Pin                                                                                 | 4 Pin                                                                                 | 5 Pin                                                                                 | 6 Pin                                                                                 | 7 Pin                                                                                 | 8 Pin                                                                                 | 10 Pin                                                                                | 14 Pin                                                                                | 16 Pin                                                                                |
|---------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Configuration       |  |  |  |  |  |  |  |  |  |  |
| Diameter of Pin     | Ø1.3                                                                                  | Ø1.3                                                                                  | Ø0.9                                                                                  | Ø0.9                                                                                  | Ø0.7                                                                                  | Ø0.7                                                                                  | Ø0.7                                                                                  | Ø0.5                                                                                  | Ø0.5                                                                                  | Ø0.5                                                                                  |
| Testing Voltage     | 1350V                                                                                 | 1300V                                                                                 | 1350V                                                                                 | 1150V                                                                                 | 1050V                                                                                 | 950V                                                                                  | 950V                                                                                  | 900V                                                                                  | 800V                                                                                  | 800V                                                                                  |
| Working Voltage     | 300V                                                                                  | 300V                                                                                  | 250V                                                                                  | 250V                                                                                  | 200V                                                                                  | 200V                                                                                  | 200V                                                                                  | 200V                                                                                  | 200V                                                                                  | 200V                                                                                  |
| Rated Current / Pin | 13A                                                                                   | 10A                                                                                   | 9A                                                                                    | 8A                                                                                    | 6A                                                                                    | 6A                                                                                    | 4A                                                                                    | 2A                                                                                    | 1.5A                                                                                  | 1.2A                                                                                  |

#### SPECIFICATIONS:

##### Material:

Body: Brass, Natural Chrome Plated

Insulator: PPS, color Beige

Terminal: Brass, Gold Plated

Shell: Brass

O-Ring: Silicone

##### Electrical:

Voltage Rating: See chart

Current Rating: See chart

Dielectric withstanding voltage: See chart

Electrical Life: 1,000 Cycles min.

##### Mechanical:

Endurance: 5,000 Cycles Min.

Temperature Rating:

Operating temperature: -55°C to +150°C

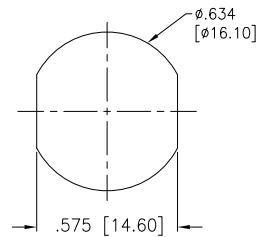
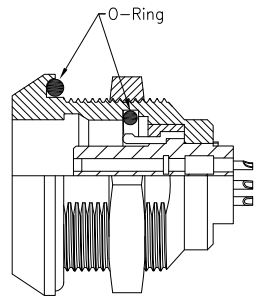
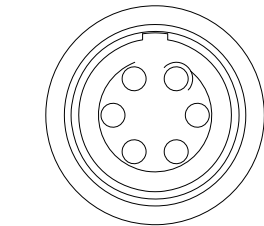
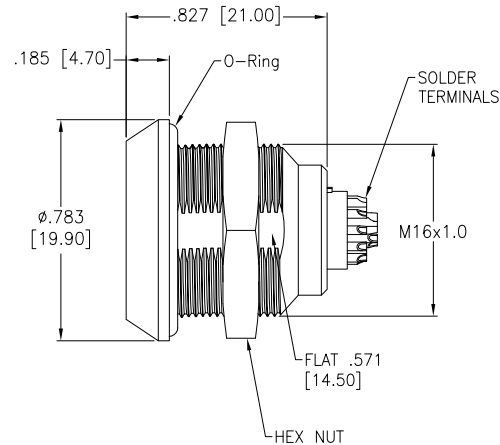
##### Environmental:

IP67 Protection (Panel and Mated Condition)

Lead free, RoHS compliant

Panel Cut-Out  
(Front Panel Mounting)

Note: .354 [9.0] Max. Panel Thickness



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    | SS | 8/16/21 |
| CHECKED  | SS | 8/16/21 |
| APPROVED |    |         |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY  
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN  
PERMISSION FROM ADAM TECH

**ADAM**  
**TECH**

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TITLE  
PUSH-PULL SOCKET, VERTICAL, SIZE 1, METAL BODY,  
REAR PANEL MOUNT, SOLDER TERMINAL, IP67

|           |                               |           |
|-----------|-------------------------------|-----------|
| SIZE<br>X | PART NO.<br>MMI-M1RSGXXS-IP67 | REV.<br>B |
|-----------|-------------------------------|-----------|

|              |            |              |
|--------------|------------|--------------|
| REF: S00210C | SCALE: NTS | SHEET 1 OF 1 |
|--------------|------------|--------------|

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