

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

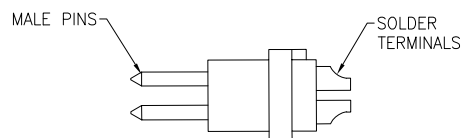
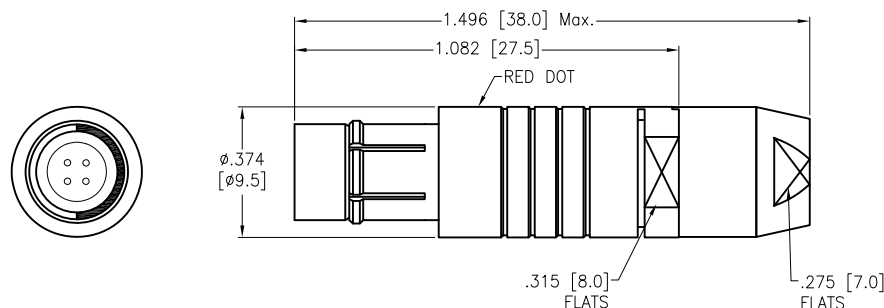
| Rev | AWO # | Description | Date    | Appr |
|-----|-------|-------------|---------|------|
| -   |       | RELEASED    | 8/16/21 |      |

MMI-MOPXXXSXX-IP68

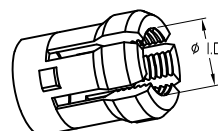
| CODING     |
|------------|
| 1 = CODE 1 |
| 2 = CODE 2 |
| 3 = CODE 3 |

| CABLE COLLET SIZE     |
|-----------------------|
| 32 = 2.2mm ~ 3.2mm ID |
| 42 = 3.2mm ~ 4.2mm ID |
| 52 = 4.2mm ~ 5.2mm ID |

# OF POSITIONS  
02, 03, 04, 05,  
& 07



DETAIL



CABLE COLLET

| CODING OPTIONS |        |        |
|----------------|--------|--------|
|                |        |        |
| CODE 1         | CODE 2 | CODE 3 |

|                     | 2 Pin | 3 Pin | 4 Pin | 5 Pin | 7 Pin |
|---------------------|-------|-------|-------|-------|-------|
| Configuration       |       |       |       |       |       |
| Diameter of Pin     | Ø0.9  | Ø0.9  | Ø0.7  | Ø0.7  | Ø0.5  |
| Testing Voltage     | 1200V | 1100V | 900V  | 900V  | 700V  |
| Working Voltage     | 350V  | 300V  | 250V  | 250V  | 200V  |
| Rated Current / Pin | 8A    | 8A    | 5A    | 5A    | 3A    |
| Max. Wire Awg       | 22    | 22    | 24    | 24    | 28    |

#### SPECIFICATIONS:

Material:

Housing (Body): Brass, Natural Chrome plated

Insulator: PPS

Terminal: Brass, Gold Plated

Electrical:

Voltage Rating: See chart

Current Rating: See chart

Dielectric withstanding voltage: See chart

Electrical Life: 5,000 Cycles min.

Temperature Rating:

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

Environmental:

IP68 Protection (Mated Condition)

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

**ADAM**  
**TECH**

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TITLE  
PUSH-PULL CONNECTOR MALE PLUG, METAL, SIZE 0,  
SOLDER TERMINAL, IP68

|             |                                |              |
|-------------|--------------------------------|--------------|
| SIZE<br>X   | PART NO.<br>MMI-MOPXXXSXX-IP68 | REV.<br>-    |
| REF: SXXXXX | SCALE: NTS                     | SHEET 1 OF 1 |

# Mouser Electronics

Authorized Distributor

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