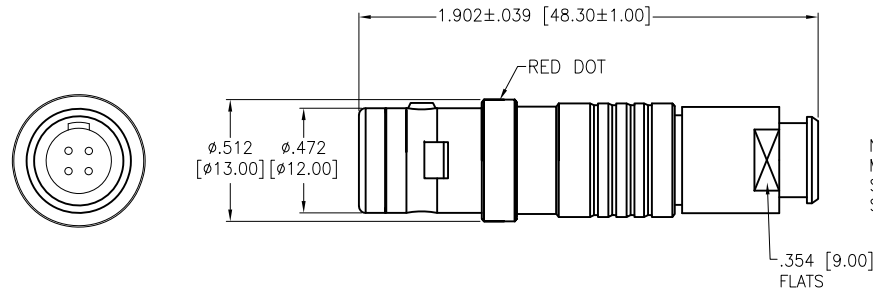


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|-----------------|---------|-------|
| - | | RELEASED | 8/16/21 | |
| A | | UPDATED DRAWING | 4/11/23 | JJ/KC |



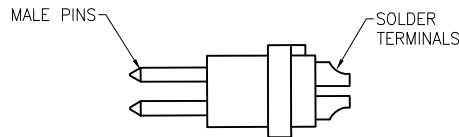
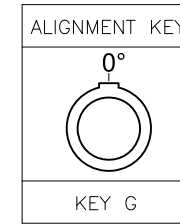
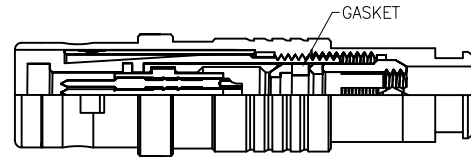
NOTE; BEND RELIEF
 MUST BE ORDERED
 SEPARATELY
 SEE MMI-BR1-XX-XX-X

MMI-M1PGXXSXXB-IP67

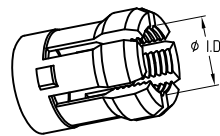
ALIGNMENT KEY
 G = 0°

OF POSITIONS
 02, 03, 04, 05, 06,
 07, 10, 14 & 16

| CABLE COLLET SIZE | |
|-------------------|--------------------|
| 42 | = 3.2mm ~ 4.2mm ID |
| 52 | = 4.2mm ~ 5.2mm ID |
| 62 | = 5.2mm ~ 6.2mm ID |
| 72 | = 6.2mm ~ 7.2mm ID |



DETAIL



CABLE COLLET

| | 2 Pin | 3 Pin | 4 Pin | 5 Pin | 6 Pin | 7 Pin | 10 Pin | 14 Pin | 16 Pin |
|---------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| Configuration | | | | | | | | | |
| Diameter of Pin | φ1.3 | φ1.3 | φ0.9 | φ0.9 | φ0.7 | φ0.7 | φ0.5 | φ0.5 | φ0.5 |
| Working Voltage | 300V | 300V | 250V | 250V | 200V | 200V | 200V | 200V | 200V |
| Rated Current / Pin | 13A | 10A | 9A | 8A | 6A | 6A | 2A | 1.5A | 1.2A |
| Max. Wire Awg | 20 | 20 | 22 | 22 | 24 | 24 | 28 | 28 | 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:
 IP67, Protection (Mated Condition)
 Lead free, RoHS compliant



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 |

| | | |
|----------|----|---------|
| 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



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

TITLE
 PUSH-PULL CONNECTOR MALE PLUG, METAL,
 SIZE 1, SOLDER TERMINAL, BEND RELIEF TYPE, IP67

| | | |
|------|---------------------|-------------------------|
| SIZE | PART NO. | REV. |
| X | MMI-M1PGXXSXXB-IP67 | - |
| REF: | S00210C | SCALE: NTS SHEET 1 OF 1 |