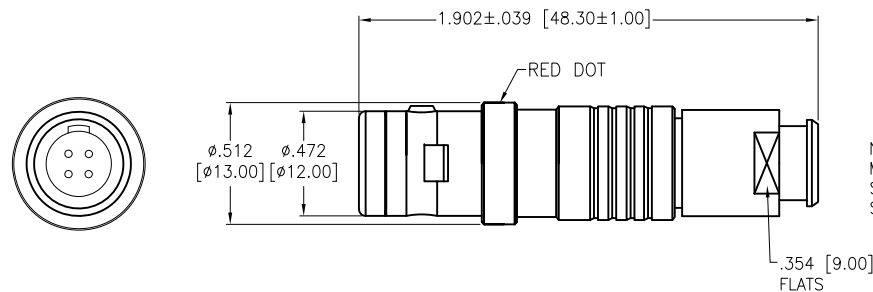


APPROVED: \_\_\_\_\_

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

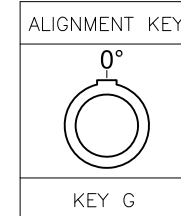
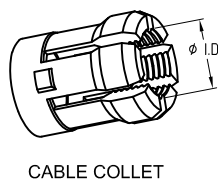
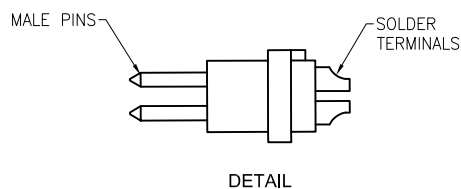
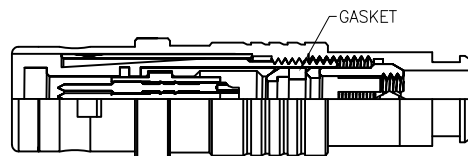
G = 0°

# 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



	2 Pin	3 Pin	4 Pin	5 Pin	6 Pin	7 Pin	10 Pin	14 Pin	16 Pin
Configuration									
Diameter of Pin	Ø1.3	Ø1.3	Ø0.9	Ø0.9	Ø0.7	Ø0.7	Ø0.5	Ø0.5	Ø0.5
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	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.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

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

# Mouser Electronics

Authorized Distributor

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