

APPROVED: _____
DATE: _____ TITLE: _____

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

MMI-M1PXXXXSXXB-IP68

CODING
1 = CODE 1
2 = CODE 2
3 = CODE 3

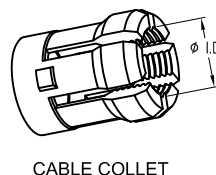
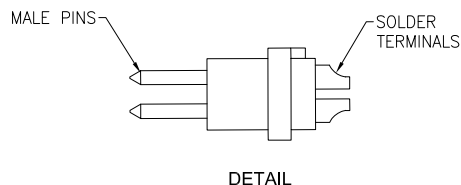
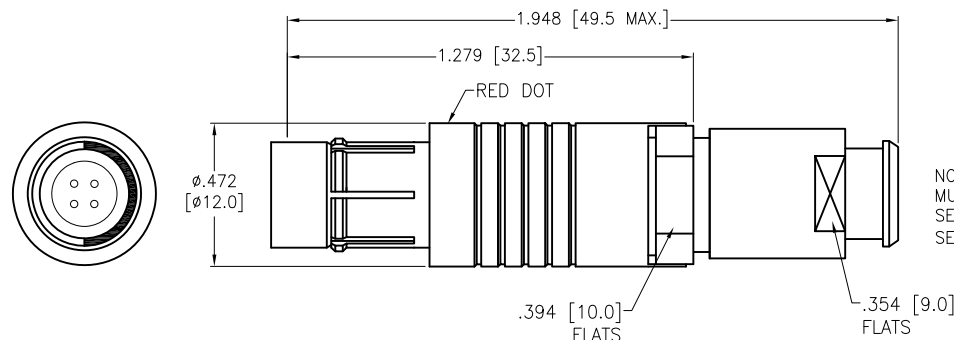
CABLE COLLET SIZE
42 = 3.2mm ~ 4.2mm ID
52 = 4.2mm ~ 5.2mm ID
62 = 5.2mm ~ 6.2mm ID
72 = 6.2mm ~ 7.2mm ID

OF POSITIONS
02, 03, 04, 05, 06,
07, & 12

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

CODING OPTIONS		
CODE 1	CODE 2	CODE 3

	2 Pin	3 Pin	4 Pin	5 Pin	6 Pin	7 Pin	12 Pin
Configuration							
Diameter of Pin	Ø1.3	Ø1.3	Ø0.9	Ø0.9	Ø0.7	Ø0.7	Ø0.5
Testing Voltage	1200V	1200V	1150V	1100V	1000V	1000V	800V
Working Voltage	350V	350V	300V	300V	250V	250V	200V
Rated Current / Pin	12A	11A	8A	7A	5A	5A	3A
Max. Wire Awg	20	20	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:

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

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 1, SOLDER TERMINAL, BEND RELIEF TYPE, IP68

SIZE X	PART NO. MMI-M1PXXXXSXXB-IP68	REV. -
REF: SXXXXX	SCALE: NTS	SHEET 1 OF 1

Mouser Electronics

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