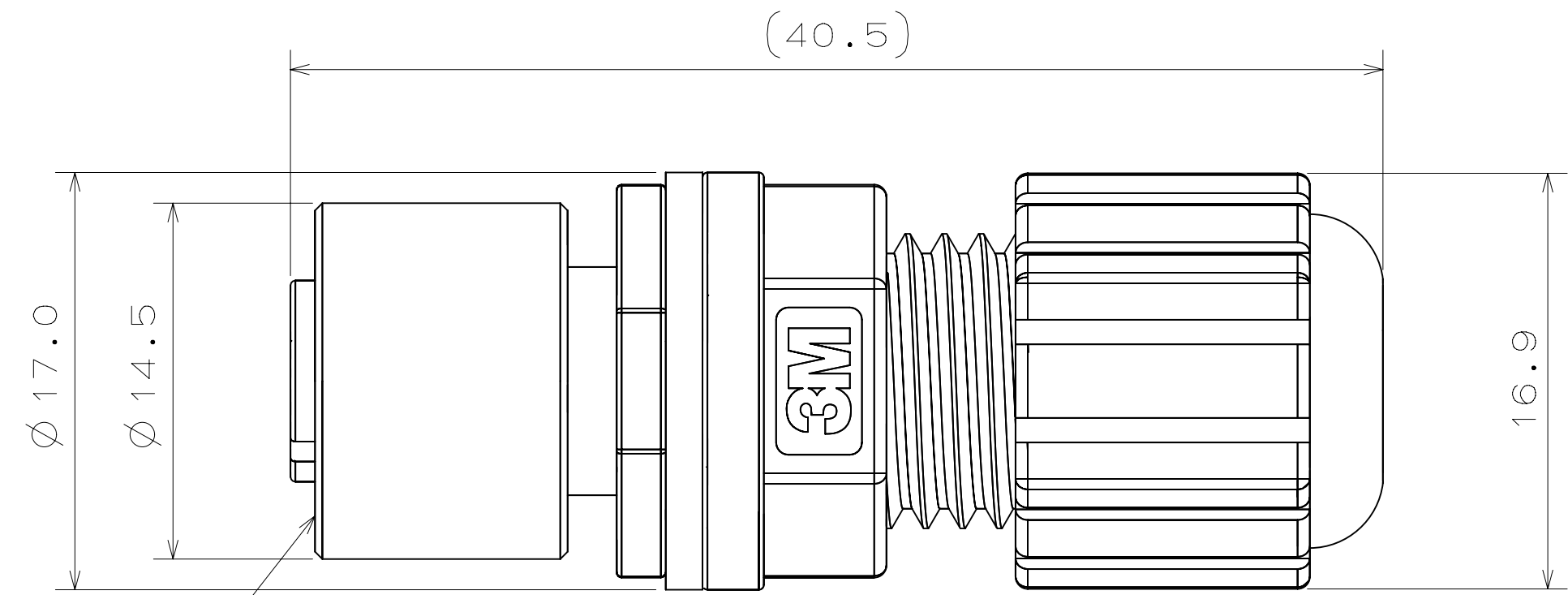
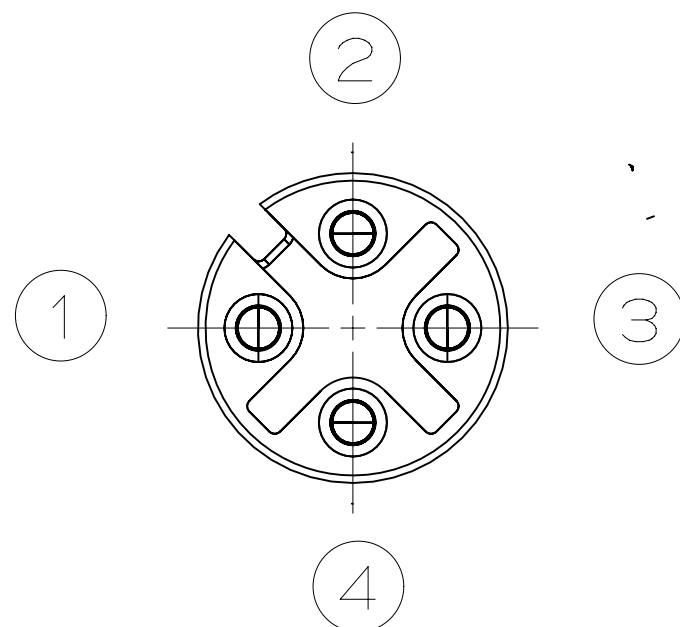
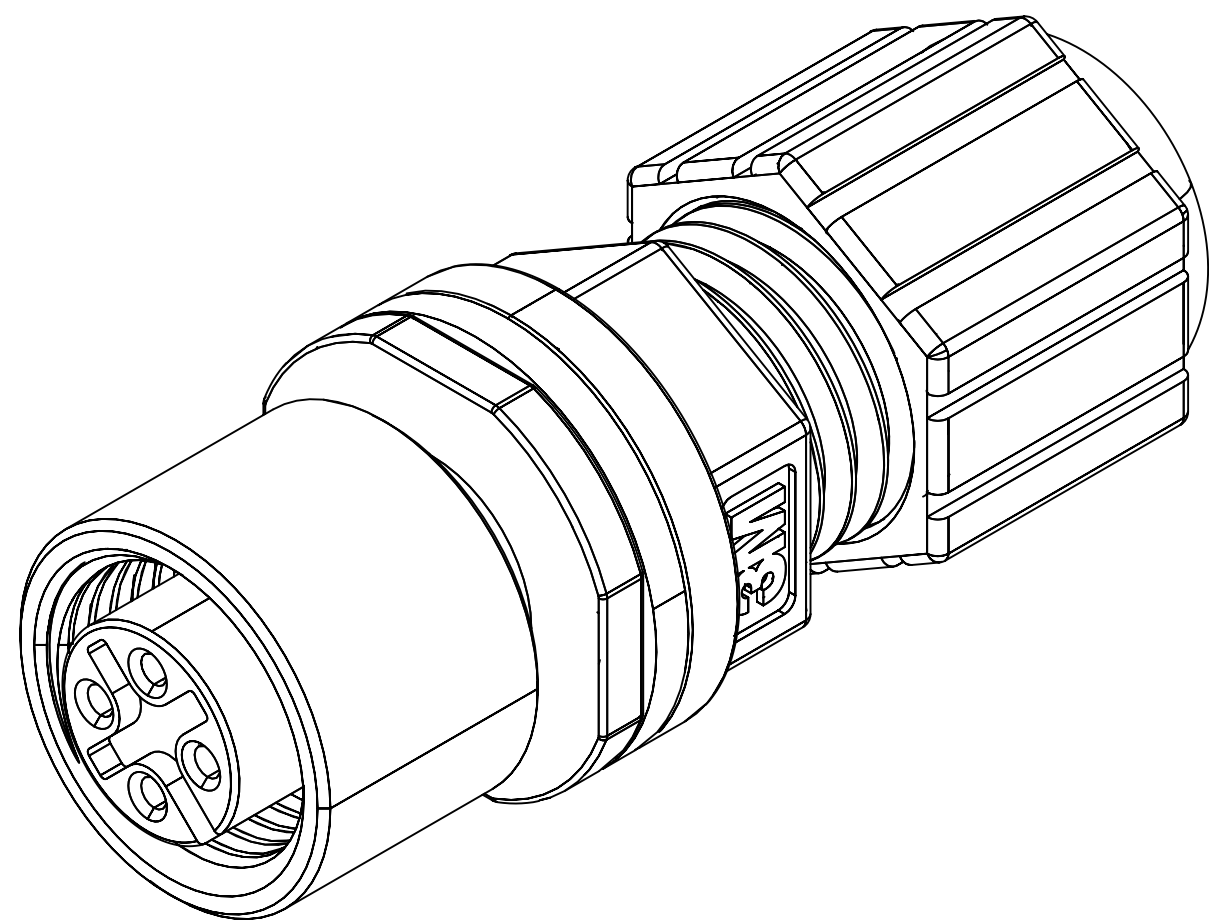
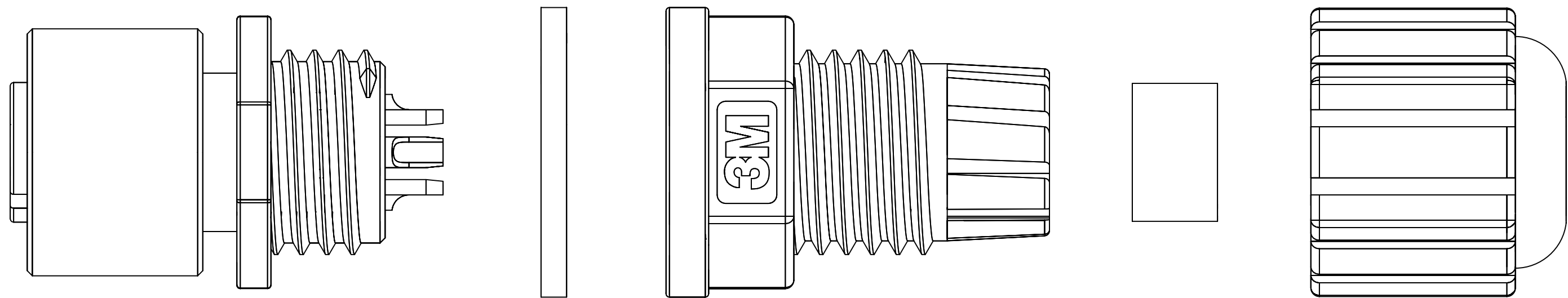


3M™ INDUSTRIAL M12 WM CONNECTOR
FOR 4POS, A-CODE, FEMALE, SOLDER TYPE



M12x1



Pin Assignment

ORDERING INFORMATION M12 WM CONNECTOR

3N3 04-A000-S08 BF

PRODUCTION SERIES
3N3: INDUSTRIAL M12 WM
FEMALE CONNECTOR

PLATING SUFFIX
BF: CONTACT AREA 0.2µm GOLD

CONTACT QUANTITY
04: 4 PIN

IP CLASS
8: IP68

CODE
A: A CODE

WIRING METHOD
S: SOLDER TYPE

3M™ ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
VISIT <http://www.3mconnectors.com>

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FOR TECHNICAL, SALES OR ORDERING INFORMATION
CALL YOUR LOCAL SALES REPRESENTATIVE

PERFORMANCE

1)MECHANICAL
POLARIZING METHOD:35N MIN.

CONTACT INSERTION FORCE:10N/pin MAX.
CONTACT WITHDRAWL FORCE:15N/pin MAX.

WATERPROOF:IP68(1N WATER 1mm DEPTH, 24H)

2)ELECTRICAL
CURRENT RATING:4.0A

VOLTAGE RATING:250VDC

WITHSTANDING VOLTAGE:1000VACrms

INSULATION RESISTANCE:1×10⁹ OHMS at 500VDC

CONTACT RESISTANCE:
10 MILLI OHM AT INITIAL CONDITION
DELTA R 15 MILLI OHM MAX. AFTER
EVALUATION TEST BASED ON 78-5102-0151-6

3)ENVIRONMENTAL
TEMPERATURE RATING:-25°C TO 85°C

NOTE
FOR LOW TEMPERATURE LIMIT:
EXCLUDING CABLE PERFORMANCE NO DEW CONDITION
FOR HIGH TEMPERATURE LIMIT:
INCLUDING TEMPERATURE RASING BY CURRENT

NOTES

- MATERIAL:
BODY:THERMOPLASTIC,UL 94VO
COVER:THERMOPLASTIC,UL 94VO
GLAND NUT:
THERMOPLASTIC, UL 94VO
CONTACT:COPPER ALLOY
- PLATING
CONTACT AREA:0.2µm GOLD MIN.
- MATED WITH INDUSTRIAL M12
MALE CONNECTOR
- COMPATIBLE CABLE:
1)WIRE
AWG 20 STRANDED
AWG 24 STRANDED
2)CABLE OUTER DIAMETER
4.0 to 6.5mm
- RoHS COMPLIANT.
SEE THE REGULATORY
INFORMATION APPENDIX (RIA)
IN THE "RoHS COMPLIANCE"
SECTION OF
WWW.3MCONNECTORS.COM FOR
COMPLIANCE INFORMATION
(RIA E1 & C1 APPLY).
- FOR PRODUCT SPECIFICATIONS
AND WARRANTY INFORMATION
SEE 3M 78-5102-0151-6
- IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND
THAT CONTAINED IN THE
PRODUCT SPECIFICATION,
THE PRODUCT SPECIFICATION
TAKES PRECEDENT.

				A 43071		SEP 06,2012		T.O H.K			
						PRODUCTION RELEASE					
DESIGN REFERENCE				NEXT ASSEMBLY		REV ECO		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES						DATE		MFG		DATE	
						SEP 06,2012					
				CHKD		DATE		APPR H.KOSUGI		DATE SEP 06,2012	
DIVISION				DIVISION CODE							
Interconnect Solutions				ISD							
DO NOT SCALE DRAWING				SCALE		TOLERANCES EXCEPT AS NOTED					
THIRD ANGLE PROJECTION											
INTERPRET PER ASME Y14.5 - 1994											
MAX SURFACE ROUGHNESS											
MIN SURFACES											
✓ <input type="checkbox"/> MARKED ONLY											

Mouser Electronics

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[3N304-A000-S08BF](#)