

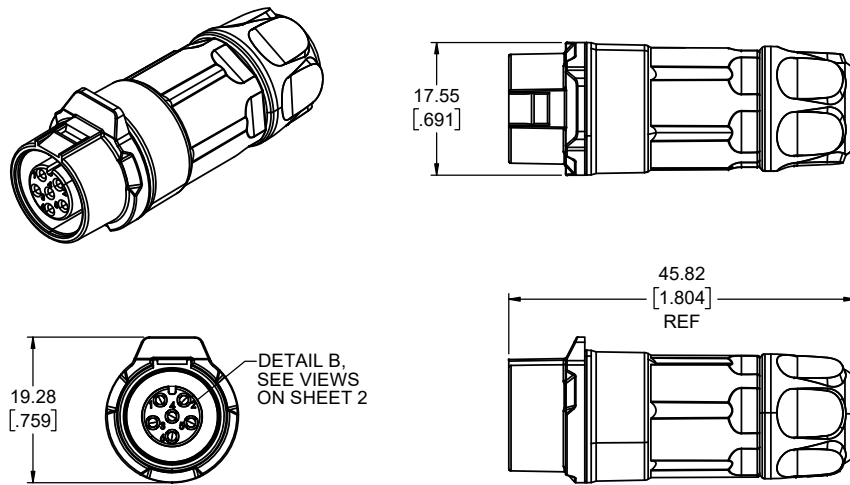
ORDERING CODE: **MRD-AX0X-M15-000**

SERIES _____
CONTACT SIZE & MECHANISM _____
A = 12.0mm WITH LATCH LOCK
HOUSING ORIENTATION & CONTACT TYPE
H = FEMALE PLASTIC HOUSING & SOCKET CONTACT
P = MALE PLASTIC HOUSING & PIN CONTACT
NUMBER OF CONTACTS _____
02 TO 08 = TWO TO EIGHT CONTACTS

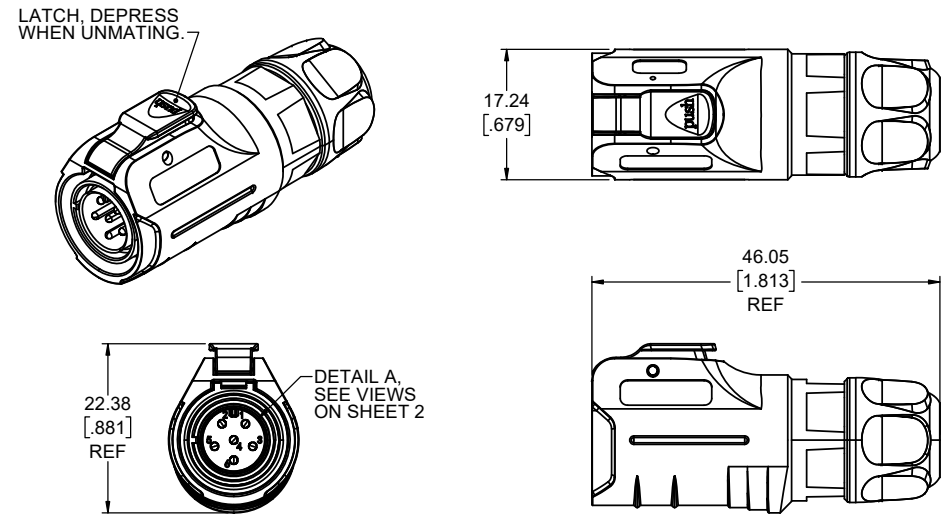
SPECIALS
000 = STANDARD
GROMMET SIZE OPTION
5 = GROMMET FOR 3.0 (.12) TO
6.0 (.24) CABLE OD
CONTACT TERMINATION TYPE
M1 = SOLDER CUP FOR FIELD
ASSEMBLY CABLE END

NOTES:

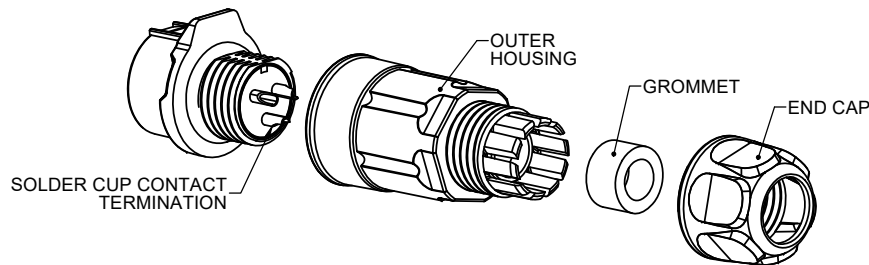
- ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - HOUSINGS & END CAP: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, OUTDOOR RATING F1, BLACK
 - CONTACTS: COPPER ALLOY, GOLD OVER NICKEL PLATED.
 - GROMMET & O-RINGS: SILICONE RUBBER
 - LATCH: ZINC ALLOY, CHROME PLATED
- ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION.
- OPERATING TEMPERATURE: -40°C TO +80°C
- SEE TABLE ON SHEET 2 FOR ADDITIONAL CHARACTERISTICS.
- MRD CONNECTORS ON THIS DRAWING WILL MATE WITH SUITABLE OPPOSITE CONFIGURATION CABLE END CONNECTORS. MALE CONNECTORS WILL ALSO MATE WITH PANEL MOUNT FEMALE CONNECTORS PER DRAWING P-MRD-AH0X-L13-000.
- FOR A 3 POSITION FEMALE CONNECTOR WITH PIN CONTACTS, REFER TO DRAWING P-MRD-AJ03-M15-000. FOR A 3 POSITION MALE CONNECTOR WITH SOCKET CONTACTS, REFER TO DRAWING P-MRD-AR03-M15-000.



FEMALE WITH SOCKET CONTACTS



MALE WITH PIN CONTACTS



TYPICAL CABLE ASSEMBLY METHOD
SLIDE END CAP, GROMMET & OUTER HOUSING OVER CABLE,
SOLDER WIRES TO CONTACTS & RE-ASSEMBLE CONNECTOR

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

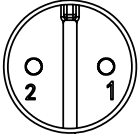
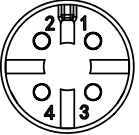
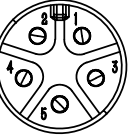
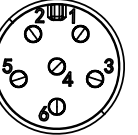
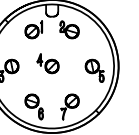
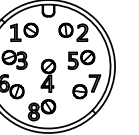
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PRODUCT DRAWING (EAR 15057)	FEB7/22	K.L.
F	PRODUCT DRAWING (EAR 15057)	FEB14/22	K.L.

UNLESS SPECIFIED OTHERWISE		DRAWN	K.XIONG	MAY9/18	Amphenol Canada Corp. Commercial Products MRD SERIES RUGGED CABLE END CONNECTOR, MALE OR FEMALE, 2-8 POSITIONS, LATCH LOCK, FIELD ASSEMBLY, IP67 RATING, RoHS COMPLIANT P-MRD-AX0X-M15-000				
PRIMARY UNITS MILLIMETERS		CHECKED	K.LAMBIE	MAY15/18					
SECONDARY INCHES		M.E. APP'D							
REFERENCE IN PARENTHESES		Q.A. APP'D							
GENERAL TOLERANCES		DWG APPR.	A.GREEN	MAY15/18	DWG. NO.				
1 DECIMAL PLACE		ENG. REL. NO.	EAR 14575						
2 DECIMAL PLACES	±0.25	REF.				REV F			
3 DECIMAL PLACES		THIRD ANGLE PROJECTION							
ANGULAR DEGREES			DO NOT SCALE DRAWING						
					CODE ID NO.	03554	DWG SIZE: X	SCALE: 2:1	SHEET 1 OF 2

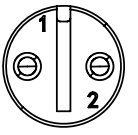
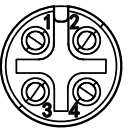
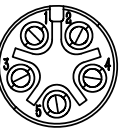
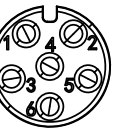
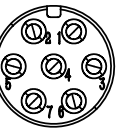
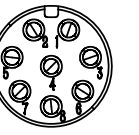


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PRODUCT DRAWING (EAR 15057)	FEB7/22	K.L.
F	PRODUCT DRAWING (EAR 15057)	FEB14/22	K.L.

END VIEWS FOR PIN CONTACT MATING AREA

DETAIL A VIEW (SCALE 4:1)							
NUMBER OF CONTACTS	2	3	4	5	6	7	8

END VIEWS FOR SOCKET CONTACT MATING AREA

DETAIL B VIEW (SCALE 4:1)							
NUMBER OF CONTACTS	2	3	4	5	6	7	8

PART NUMBER CHARACTERISTICS TABLE:

CONNECTOR PART NUMBER (SEE ORDERING CODE)	MAX WIRE GAUGE	CURRENT RATING	OPERATING VOLTAGE	CONTACT RESISTANCE	DWV
MRD-AX02-M15-000	20 AWG	5A	125V AC MAX	10.0 mΩ MAXIMUM	1500 VDC
MRD-AX03-M15-000					
MRD-AX04-M15-000					
MRD-AX05-M15-000					
MRD-AX06-M15-000					
MRD-AX07-M15-000	22 AWG	3A	100V AC MAX		
MRD-AX08-M15-000					



UNLESS SPECIFIED OTHERWISE	DRAWN	K.XIONG	MAY9/18
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	MAY15/18
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	MAY15/18
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14575	
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp.
Commercial Products

MRD SERIES RUGGED CABLE END
CONNECTOR, MALE OR FEMALE, 2-8
POSITIONS, LATCH LOCK, FIELD ASSEMBLY,
IP67 RATING, RoHS COMPLIANT

DWG. NO.	P-MRD-AX0X-M15-000	REV	F
CODE ID NO. 03554	DWG SIZE: X	SCALE: 2:1	SHEET 2 OF 2