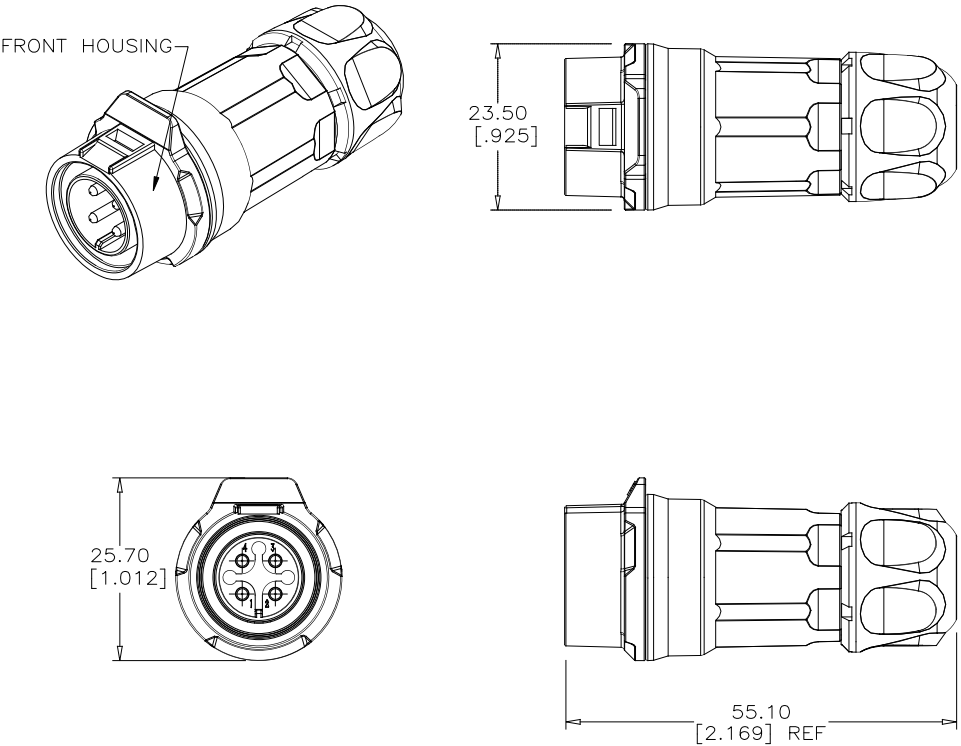
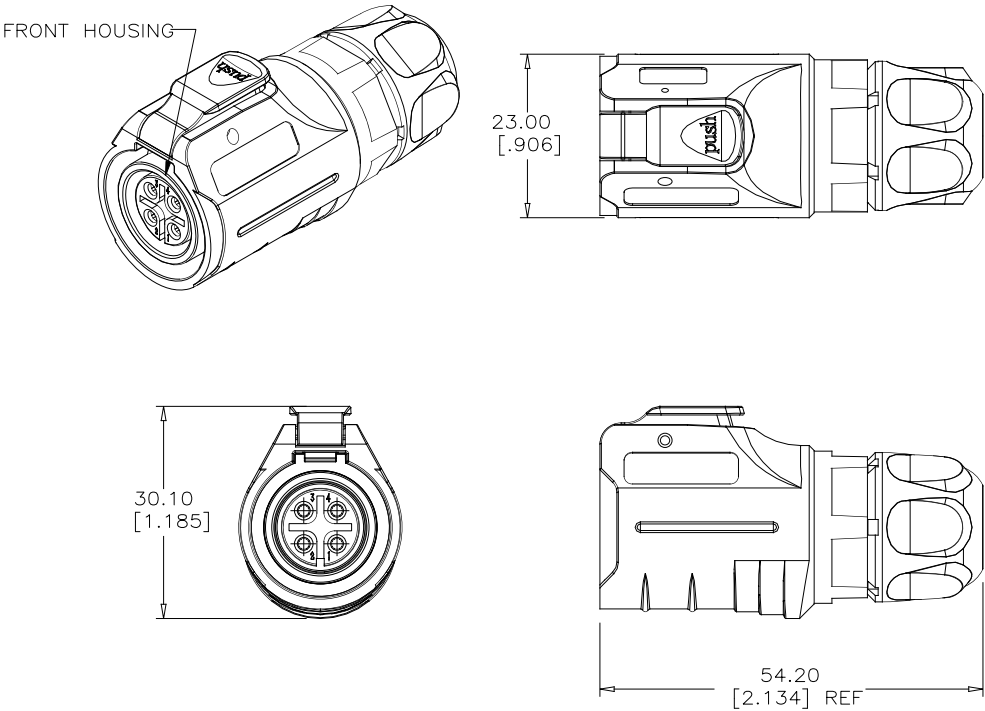


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PROPOSAL DRAWING (EAR 14575)	MAR14/18	K.L.
C	UPDATING COMMON TERMINOLOGY	MAY18/18	A.G.

FEMALE & PIN CONTACTS



MALE & SOCKET CONTACTS



SEE SHEET 2 FOR ORDERING CODE AND ADDITIONAL INFORMATION



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.

UNLESS SPECIFIED OTHERWISE		DRAWN K.XIONG		OCT09/17		Amphenol Canada Corp.					
PRIMARY UNITS MILLIMETERS		CHECKED K.LAMBIE		MAR14/18		Commercial Products					
SECONDARY INCHES		M.E. APP'D				MRD SERIES RUGGED CONNECTOR, MALE OR FEMALE, 4 POSITIONS, LATCH LOCK, CABLE FIELD ASSEMBLY, IP67 RATING, RoHS COMPLIANT					
REFERENCE IN PARENTHESES		Q.A. APP'D									
GENERAL TOLERANCES		DWG APP'D A.GREEN		MAR14/18							
1 DECIMAL PLACE ±0.25		ENG. REL. NO.				DWG NO.		P-MRD-BX04-M1X-000			
2 DECIMAL PLACES ±0.15		REF. EAR 14575									
3 DECIMAL PLACES ±0.05		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		REV C			
ANGULAR DEGREES						CODE ID NO. 03554		DWG SIZE X		SCALE XX:1	
								SHEET 1		OF 2	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PROPOSAL DRAWING (EAR 14575)	MAR14/18	K.L.
C	UPDATING COMMON TERMINOLOGY	MAY18/18	A.G.

ORDERING CODE: M R D - B X 0 4 - M 1 X - 0 0 0

SERIES _____

CONTACT SIZE & MECHANISM _____
B=1.5mm & LATCH LOCK

HOUSING ORIENTATION & CONTACT TYPE _____
G=FEMALE METAL HOUSING & PIN CONTACTS
J=FEMALE PLASTIC HOUSING & PIN CONTACTS
N=MALE METAL HOUSING & SOCKET CONTACTS
R=MALE PLASTIC HOUSING & SOCKET CONTACTS

NUMBER OF CONTACTS _____
04=FOUR CONTACTS

SPECIALS
000=STANDARD

GROMMET SIZE OPTION
6=GROMMET FOR 7.0 (.276) TO 9.0 (.354) CABLE OD
7=GROMMET FOR 4.0 (.157) TO 7.0 (.276) CABLE OD

CONTACT TERMINATION TYPE
M1=SOLDER CUP, FOR FIELD ASSEMBLY CABLE END

NOTES:

- MATERIAL: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU
HOUSING: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK
CONTACTS: COPPER ALLOY PLATED WITH GOLD FLASH OVER NICKEL
GROMMET: SILICONE RUBBER
FRONT HOUSING: ZINC ALLOY PLATED WITH CHROME OR THERMOPLASTIC PBT. SEE PART NUMBER TABLE.
- ELECTRICAL CHARACTERISTICS:
CURRENT RATING: 10A
OPERATING VOLTAGE: 500V AC MAXIMUM
DIELECTRIC WITHSTANDING VOLTAGE: 2500V DC
CONTACT RESISTANCE: 5.0mΩ MAXIMUM.
- RECOMMENDED CABLE OUTSIDE DIAMETER: DEPENDS ON GROMMET SELECTED, SEE ORDERING CODE AND PART NUMBER TABLE.
- ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN THE MATED CONDITION.

PART NUMBER TABLE:

CONNECTOR PART NUMBER	CONNECTOR TYPE	CONTACT TYPE	RECOMMENDED CABLE OD RANGE	FRONT HOUSING MATERIAL
MRD-BG04-M16-000	FEMALE	PIN	7.0 (.276) - 9.0 (.354)	ZINC/CHROME
MRD-BG04-M17-000	FEMALE	PIN	4.0 (.157) - 7.0 (.276)	ZINC/CHROME
MRD-BJ04-M16-000	FEMALE	PIN	7.0 (.276) - 9.0 (.354)	PBT
MRD-BJ04-M17-000	FEMALE	PIN	4.0 (.157) - 7.0 (.276)	PBT
MRD-BN04-M16-000	MALE	SOCKET	7.0 (.276) - 9.0 (.354)	ZINC/CHROME
MRD-BN04-M17-000	MALE	SOCKET	4.0 (.157) - 7.0 (.276)	ZINC/CHROME
MRD-BR04-M16-000	MALE	SOCKET	7.0 (.276) - 9.0 (.354)	PBT
MRD-BR04-M17-000	MALE	SOCKET	4.0 (.157) - 7.0 (.276)	PBT



UNLESS SPECIFIED OTHERWISE	DRAWN K.XIONG	OCT09/17	Amphenol Canada Corp. Commercial Products			
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	MAR14/18				
SECONDARY INCHES	M.E. APP'D		MRD SERIES RUGGED CONNECTOR, MALE OR FEMALE, 4 POSITIONS, LATCH LOCK, CABLE FIELD ASSEMBLY, IP67 RATING, RoHS COMPLIANT			
REFERENCE IN PARENTHESES	Q.A. APP'D					
GENERAL TOLERANCES	DWG APP'D A.GREEN	MAR14/18	DWG NO. P-MRD-BX04-M1X-000			
1 DECIMAL PLACE ±0.25	ENG. REL. NO.					
2 DECIMAL PLACES ±0.15	REF. EAR 14575		REV C			
3 DECIMAL PLACES ±0.05						
ANGULAR DEGREES	THIRD ANGLE PROJECTION		CODE ID NO. 03554 DWG SIZE X SCALE XX:1 SHEET 2 OF 2			