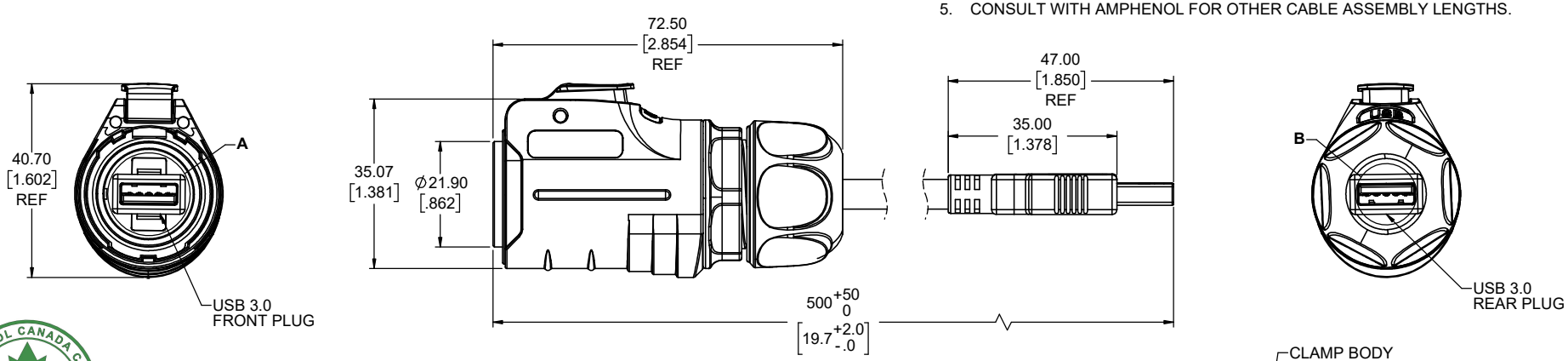
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15387)	DEC22/23	K.L.

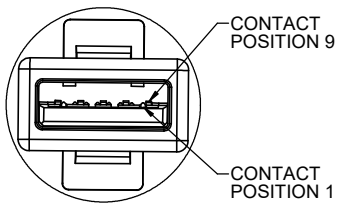
ORDERING CODE: MRU - BMD1 - 6050

- SERIES
- USB TYPE: B=24mm SIZE USB 3.0 TYPE A
- CONNECTOR TYPE: M=PLUG
- MOUNTING FEATURE: D=METAL LATCH LOCK - WITH ASSEMBLED CABLE
- CABLE LENGTH: 50= 50 CENTIMETERS
- COVER OPTIONS: 0=NO DUST COVER
- TERMINATION TYPE: 6=CABLE TO USB 3.0 TYPE A PLUG
- PLATING: 1=GOLD PLATED ON MATING AREA

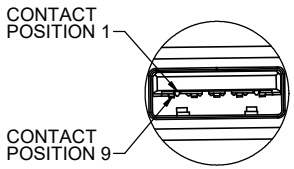
NOTES:

1. ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - LATCH: ZINC ALLOY PLATED WITH CHROME
   - SPRING: STAINLESS STEEL
   - LOCK PIN: STAINLESS STEEL
   - FRONT HOUSING: ZINC ALLOY PLATED WITH CHROME
   - OUTER HOUSING & CLAMP BODY & END NUT: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK
   - USB CONTACT: COPPER ALLOY PLATED WITH GOLD OVER NICKEL
   - USB SHIELD: COPPER ALLOY PLATED WITH NICKEL
   - USB HOUSING: THERMOPLASTIC LCP, UL FLAMMABILITY RATING 94V-0,BLUE
   - GASKET & GROMMET & O-RING: SILICONE RUBBER
   - OVER-MOLDING: PVC, BLACK
   - CABLE: USB 3.0 CABLE AWM 2725 80 °C 30V
2. ELECTRICAL CHARACTERISTICS:
   CURRENT RATING: 0.9A MAX. FOR POSITIONS 1 TO 4, 0.25A MAX. FOR REMAINING POSITIONS
   CONTACT RESISTANCE: 30mΩ MAX. FOR POSITIONS 1 TO 4, 50mΩ MAX. FOR REMAINING POSITIONS
3. ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION
4. LATCH LOCK FRONT PLUG MATES WITH AMPHENOL MRU SERIES RECEPTACLES MRU-BF81-XXXX
5. CONSULT WITH AMPHENOL FOR OTHER CABLE ASSEMBLY LENGTHS.

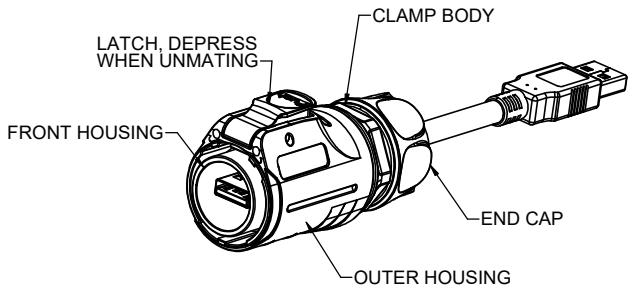




DETAIL A
SCALE 3 : 1



DETAIL B
SCALE 3 : 1



FRONT PLUG TO REAR PLUG CONNECTION CHART

FRONT PLUG POSITION #	REAR PLUG POSITION #
1	1
2	2
3	3
4	4
5	8
6	9
7	7
8	5
9	6
SHELL	SHELL

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UNLESS SPECIFIED OTHERWISE	DRAWN	ED.LIU	NOV22/23
PRIMARY UNITS MILLIMETERS	CHECKED	E.QU	NOV30/23
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	DEC22/23
1 DECIMAL PLACE	ENG. REL. NO.	EAR 15387	
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

Amphenol Canada Corp.
Commercial Products

MRU SERIES RUGGED CABLE ASSEMBLY, USB 3.0 TYPE A PLUG, LATCH LOCK, CABLE LENGTH 50 CENTIMETERS, IP67 RATING, RoHS COMPLIANT

DWG. NO.	REV
P-MRU-BMD1-6050	A

CODE ID NO.	DWG SIZE	SCALE	SHEET
03554	X	1:1	1 OF 1

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