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

ORDERING CODE: M R U - B M C 1 - 6 0 5 0

SERIES

USB TYPE
B=24mm SIZE USB 3.0 TYPE A

CONNECTOR TYPE
M=PLUG

MOUNTING FEATURE
C=METAL BAYONET LOCK - WITH ASSEMBLED CABLE

PLATING
1=GOLD PLATED ON MATING AREA

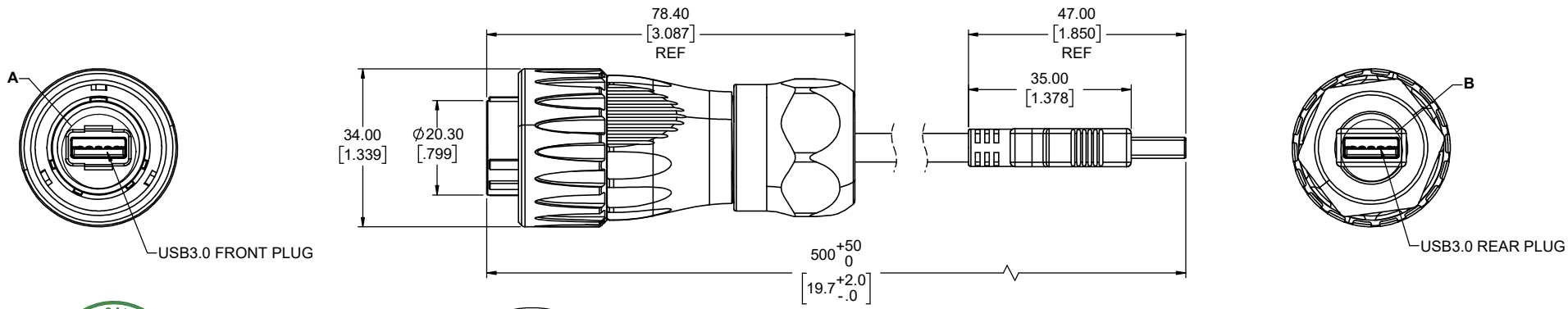
TERMINATION TYPE
6=CABLE TO USB 3.0 TYPE A PLUG

COVER OPTIONS
0=NO DUST COVER

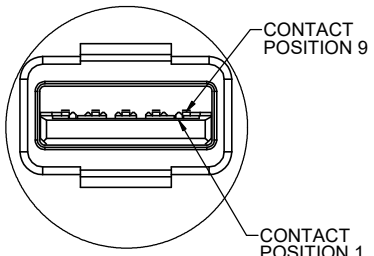
CABLE LENGTH
50= 50 CENTIMETERS

NOTES:

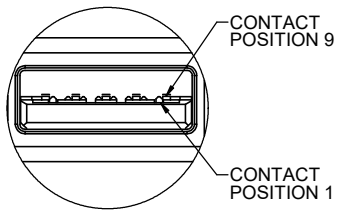
1. ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - BAYONET LOCK NUT & FRONT HOUSING: ZINC ALLOY PLATED WITH CHROME
   - CLAMP BODY & END CAP: ALUMINUM ALLOY
   - GROMMET & O-RING & GASKET: SILICONE RUBBER
   - CONNECTOR HOLDER: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 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
   - 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. CONSULT WITH AMPHENOL FOR OTHER CABLE ASSEMBLY LENGTHS.
5. METAL BAYONET FRONT PLUG MATES WITH AMPHENOL MRU SERIES RECEPTACLES MRU-BF91-XXXX.



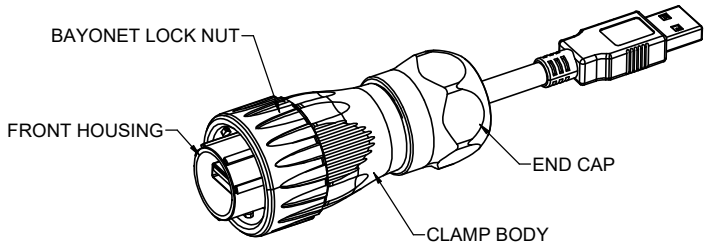




DETAIL A
SCALE 4 : 1



DETAIL B
SCALE 4 : 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, BAYONET LOCK, CABLE LENGTH 50 CENTIMETERS, IP67 RATING, RoHS COMPLIANT

DWG. NO. P-MRU-BMC1-6050 REV A

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

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