

ORDERING CODE: **MRU-BMC1-6050**

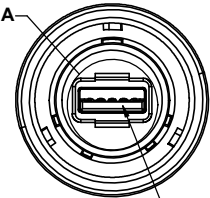
**SERIES**  
**USB TYPE**  
B=24mm SIZE USB 3.0 TYPE A  
**CONNECTOR TYPE**  
M=PLUG  
**MOUNTING FEATURE**  
C=METAL BAYONET LOCK - WITH ASSEMBLED CABLE

**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

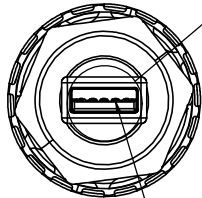
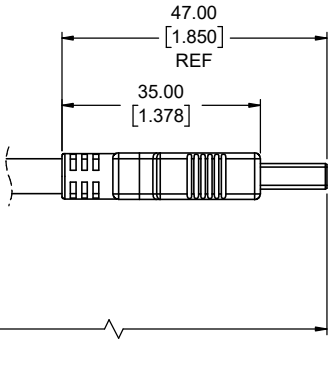
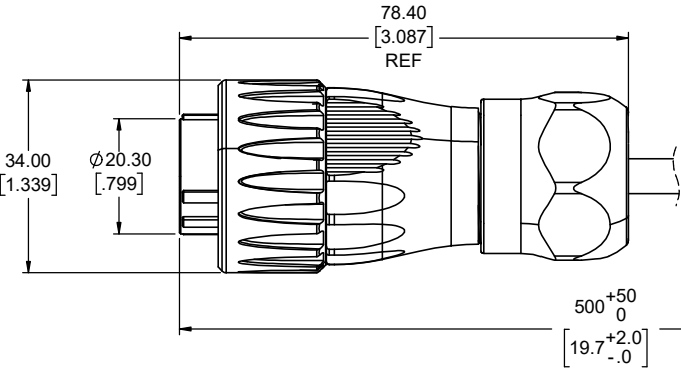
NOTES:

- 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
- 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
- ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION.
- CONSULT WITH AMPHENOL FOR OTHER CABLE ASSEMBLY LENGTHS.
- METAL BAYONET FRONT PLUG MATES WITH AMPHENOL MRU SERIES RECEPTACLES MRU-BF91-XXXX.

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



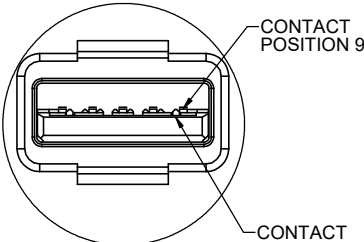
USB3.0 FRONT PLUG



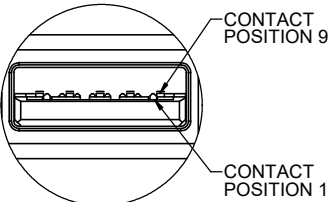
USB3.0 REAR PLUG

FRONT PLUG TO REAR PLUG CONNECTION CHART

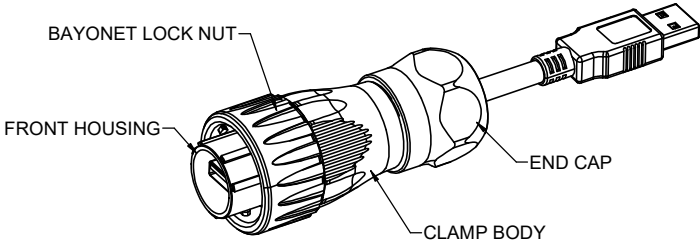
FRONT PLUG POSITION #	REAR PLUG POSITION #
1	1
2	2
3	3
4	4
5	8
6	9
7	7
8	5
9	6
SHELL	SHELL



DETAIL A  
SCALE 4:1



DETAIL B  
SCALE 4:1



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		
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

P-MRU-BMC1-6050

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