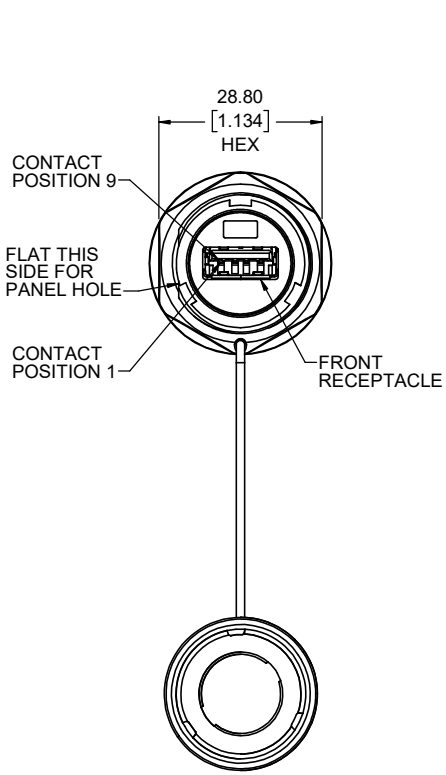
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15387)	DEC22/23	K.L.

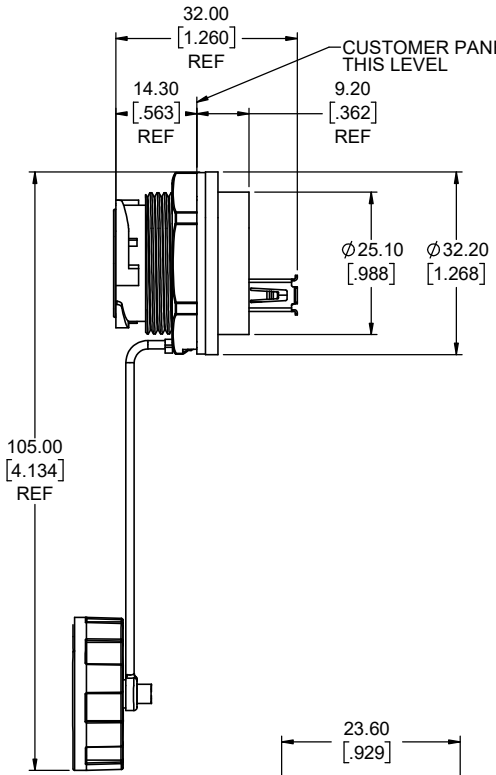
ORDERING CODE: MRU-BFE1-5100

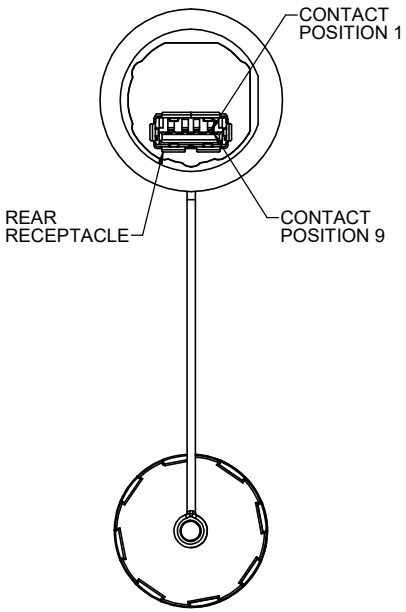
- SERIES
- USB TYPE
  B=24mm SIZE USB 3.0 TYPE A
- CONNECTOR TYPE
  F=RECEPTACLE
- MOUNTING FEATURE
  E=BAYONET LOCK - PANEL MOUNT WITH NUT
- PLATING
  1=GOLD PLATED ON MATING AREA
- TERMINATION TYPE
  5=RECEPTACLE TO RECEPTACLE ADAPTER
- COVER OPTIONS
  1=WITH DUST COVER
- CABLE LENGTH
  00=NO CABLE

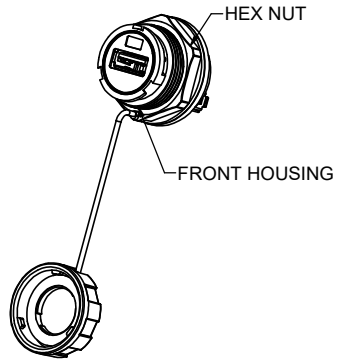
NOTES:

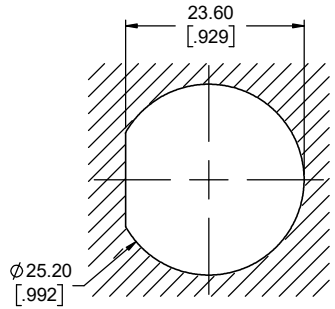
1. ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - FRONT HOUSING & HEX NUT: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK
   - USB HOUSING: THERMOPLASTIC LCP, UL FLAMMABILITY RATING 94V-0, BLUE
   - USB CONTACT: COPPER ALLOY PLATED WITH GOLD OVER NICKEL
   - USB SHIELD: COPPER ALLOY PLATED WITH NICKEL
   - GASKET: SILICONE RUBBER, BLACK
   - PCB: FR-4 FIBERGLASS, LEAD FREE, UL94V-0 FLAMMABILITY RATING
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. RECOMMENDED PANEL THICKNESS: 2.0 (.079) TO 3.0 (.118)
4. ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION.
5. BAYONET LOCK RECEPTACLE MATES WITH AMPHENOL MRU SERIES PLUGS MRU-BM61-XXXX.











RECOMMENDED PANEL HOLE

FRONT RECEPTACLE TO REAR RECEPTACLE CONNECTION CHART

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

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN	ED.LIU	DEC15/23
PRIMARY UNITS MILLIMETERS	CHECKED	E.QU	DEC18/23
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 CONNECTOR, USB 3.0 TYPE A PANEL MOUNT RECEPTACLE, BAYONET LOCK, RECEPTACLE TO RECEPTACLE, IP67 RATING, RoHS COMPLIANT

DWG. NO. P-MRU-BFE1-5100 REV A

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

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.

Downloaded from Arrow.com.