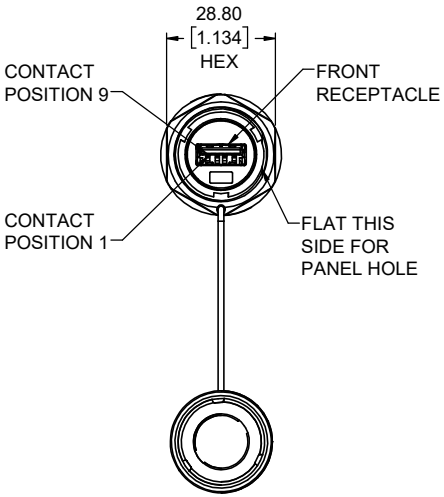
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15387)	DEC22/23	K.L.
B	PRODUCT DRAWING (EAR 15387)	APR24/24	E.Q.

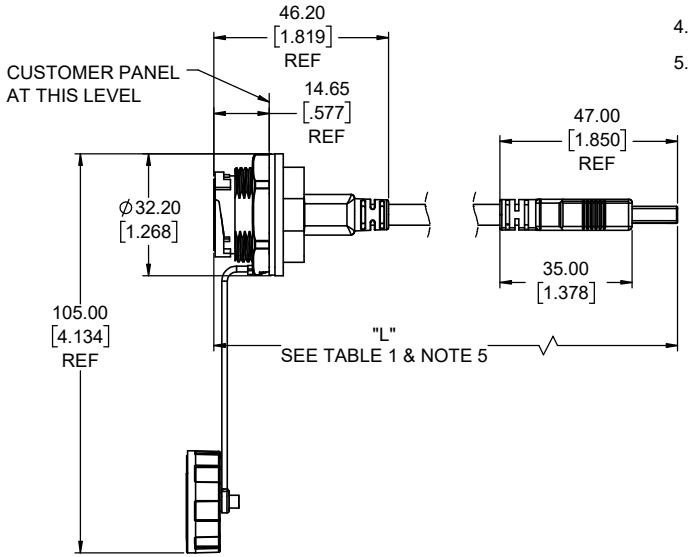
ORDERING CODE: M R U - B F E 1 - 6 1 X X

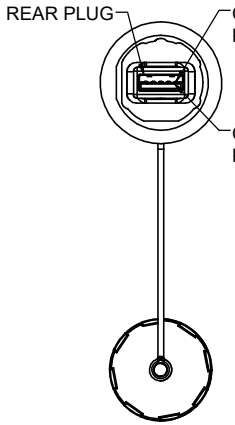
- SERIES
- USB TYPE
  B=24mm SIZE USB 3.0 TYPE A
- CONNECTOR TYPE
  F=RECEPTACLE
- MOUNTING FEATURE
  E=BAYONET LOCK - PANEL MOUNT WITH NUT
- PLATING
  1=GOLD PLATED ON MATING AREA
- TERMINATION TYPE
  6=CABLE TO USB 3.0 TYPE A PLUG
- COVER OPTIONS
  1=WITH DUST COVER
- CABLE LENGTH
  XX=SEE TABLE1 & NOTE 5

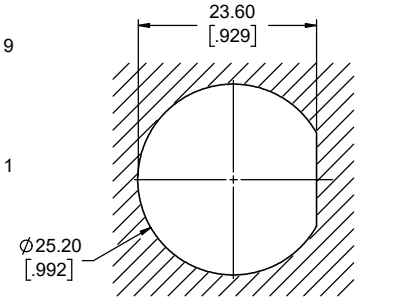
NOTES:

1. ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - FRONT HOUSING & HEX NUT & DUST COVER: 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
   - 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. RECOMMENDED PANEL THICKNESS: 2.0 (.079) TO 3.0 (.118)
4. ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION
5. CABLE LENGTH TOLERANCE: +0.035/-0m FOR LENGTH UP TO 0.3m, +0.05/-0m FOR LENGTH >0.3 TO 1.5m, +0.10/-0m FOR LENGTH >1.5 TO 3m AND +0.15/-0m FOR LENGTH >3 TO 5m.









RECOMMENDED PANEL HOLE

TABLE 1: XX DEFINITION & "LENGTH" DIMENSION

FOR LENGTHS LESS THAN 1 METER, PART NUMBER CODE XX IS 20 TO 99 & "LENGTH" DIMENSION IS FROM 20 TO 99cm (200 TO 990mm). SEE NOTE 5 FOR TOLERANCE

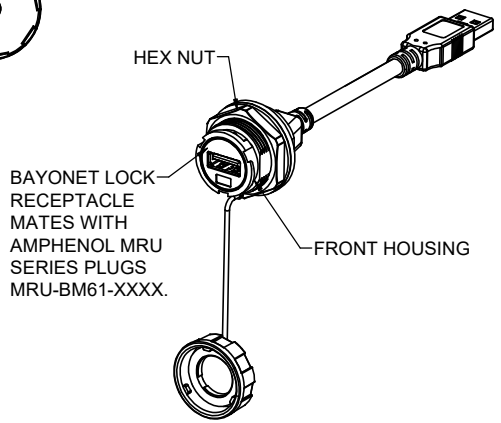
FOR LENGTHS 1 METER AND LONGER UP TO A MAXIMUM OF 5 METERS

FIRST DIGIT OF XX			SECOND DIGIT OF XX		
CODE	LENGTH		CODE	LENGTH ADDITION	
	METERS	MILLIMETERS		METERS	MILLIMETERS
A	1.0	1000	0	0	0
B	2.0	2000	1	0.1	100
C	3.0	3000	2	0.2	200
D	4.0	4000	3	0.3	300
E	5.0	5000	4	0.4	400
-	-	-	5	0.5	500
-	-	-	6	0.6	600
-	-	-	7	0.7	700
-	-	-	8	0.8	800
-	-	-	9	0.9	900

WHEN FIRST DIGIT IS "E", SECOND DIGIT MUST BE "0"

FRONT RECEPTACLE TO REAR PLUG CONNECTION CHART

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



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UNLESS SPECIFIED OTHERWISE	DRAWN	ED.LIU	DEC15/23
PRIMARY UNITS MILLIMETERS	CHECKED	E.QU	DEC19/23
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 PANEL MOUNT RECEPTACLE, BAYONET LOCK, RECEPTACLE TO PLUG, IP67 RATING, RoHS COMPLIANT

DWG. NO.	REV
P-MRU-BFE1-61XX	B

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

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