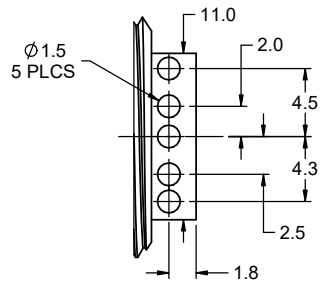
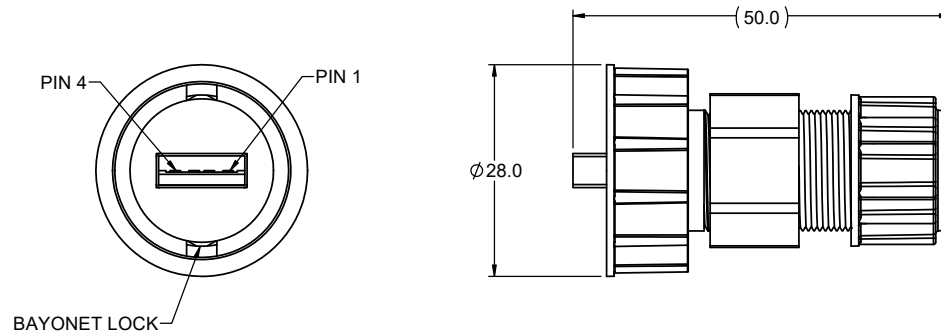
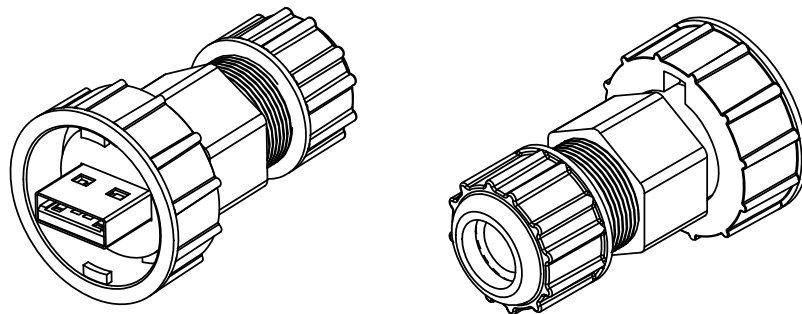
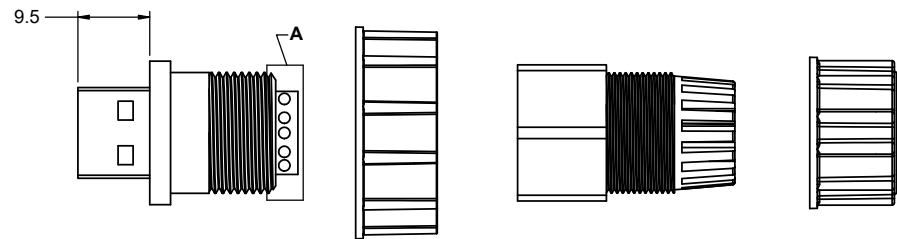




REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APPD
C	PART NUMBE UPDATED	APR04/19	S.M.
D	NOTE UPDATED	APR12/19	S.M.



**DETAIL A**  
**PCB LAYOUT**  
SCALE 4 : 1



**ORDERING CODE: MRU-AF21-4000**

<b>SERIES</b>	_____	<b>WIRE LENGTH</b>	_____
<b>STYLE</b>	_____	00 = NO WIRE	
A = USB 2.0 TYPE A		<b>COVER OPTION</b>	_____
<b>CONNECTOR TYPE</b>	_____	0 = NO COVER	
M = MALE		<b>TERMINATION</b>	_____
<b>CONNECTOR MOUNTING FEATURE</b>	_____	4 = PCB FOR HARDWIRE	
2 = FIELD INSTALLABLE 180°		<b>PLATING</b>	_____
LOCKING BAYONET TYPE		1 = GOLD AT MATING AREA STANDARD	

**NOTES:**

- MATERIAL:** ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU & AMENDMENTS:
  - HOUSING, LOCK, RING & NUT: GLASS FILLED THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, BLACK
  - PCB: FR4 FIBER GLASS
  - GASKETS: SILICON RUBBER
  - CONTACT: COPPER ALLOY PLATED WITH GOLD OVER NICKEL IN MATING AREA
  - SHIELD: STAINLESS STEEL
- SPECIFICATIONS:**
  - NUMBER OF CONTACTS: 4
  - WIRE GAUGE: 24 AWG
  - INGRESS PROTECTION: IP67 / 68
  - MECHANICAL LIFE: 1500 MATING CYCLES
  - OPERATING TEMPERATURE: -45 - +85°C
  - DWV: 500VAC / 1 MINUTE @ SEA LEVEL
  - SPEED: 480 Mbps
  - CONTACT RESISTANCE: 30 MILLIOHMS MAX.
  - INSULATION RESISTANCE: 1000 MEGOHMS MIN.
  - CURRENT RATING: 1.5 A
  - MAX TORQUE FOR RUNNING THREAD: 0.5 IN-LBS MAX
  - MATING FORCES: MATING 35N MAX, UNMATING 10N MIN
- RECOMMENDED CABLE OD:** Ø3.5mm (.138") - Ø6.8mm (.268")
- PRODUCT SPEC #S6148C**

UNLESS SPECIFIED OTHERWISE	DRAWN	B COPPING	SEP7/18
PRIMARY UNITS MILLIMETERS	CHECKED	S.MUGAN	SEP7/18
SECONDARY	M.E. APPD	C.ZHONG	SEP8/18
REFERENCE IN PARENTHESES	Q.A. APPD		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	SEP10/18
1 DECIMAL PLACE	ENG. REL. NO.	ECN 180082	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

<b>Amphenol Canada Corp.</b>		<b>Commercial Products</b>	
MRU SERIES CONNECTOR, USB 2.0 TYPE A, BAYONET LOCK PLUG FOR HARDWIRE TERMINATION, RoHS COMPLIANT			
DWG. NO.	P-MRU-AM21-4000		REV D
CODE ID NO.	03554	DWG SIZE: X	SCALE: 2:1 SHEET 1 OF 1