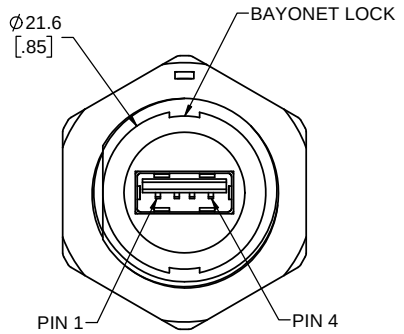
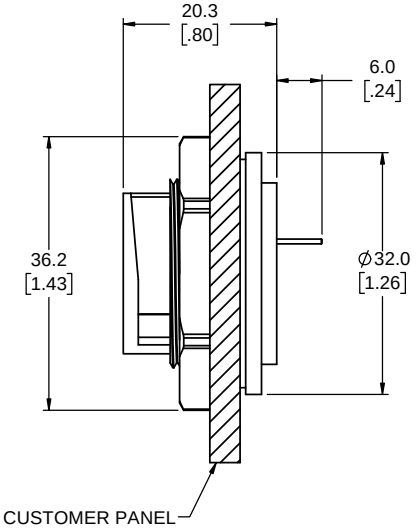
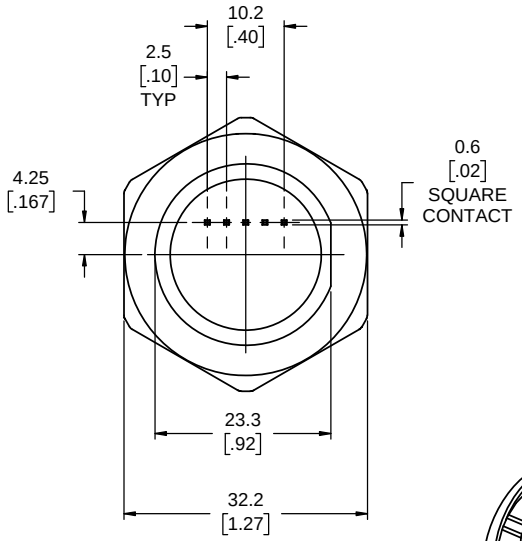
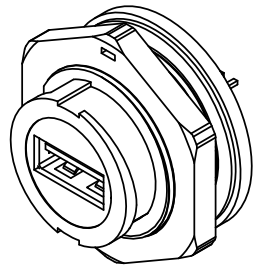
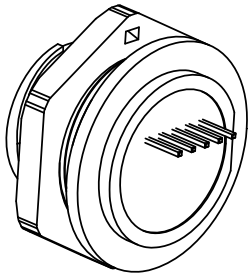
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRWING	JUN20/18	A.G.
B	PROPOSAL DRWING	SEP12/18	A.G.

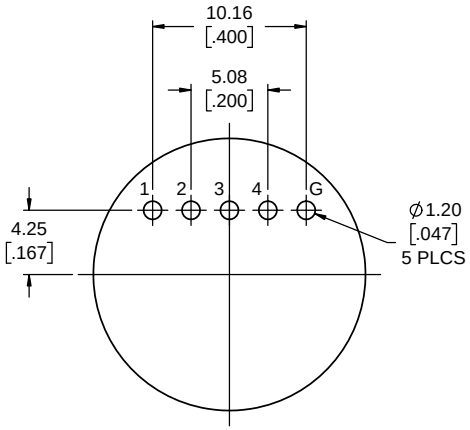




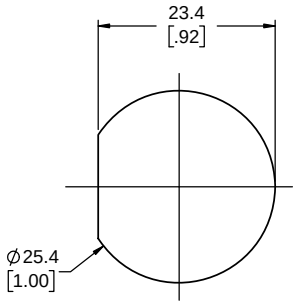








RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 4:1



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL

NOTES:

1. MATERIAL: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU & AMENDMENTS:
   - HOUSING AND NUT: GLASS FILLED THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, BLACK
   - GASKET: SILICON RUBBER
   - CONTACT: COPPER ALLOY PLATED WITH GOLD OVER NICKEL ON MATING AREA.
   - SHIELD: STAINLESS STEEL
   - INTERNAL PCB: FR4 FIBER GLASS
2. SPECIFICATIONS:
   - NUMBER OF CONTACTS: 4
   - INGRESS PROTECTION: IP67 / 68
   - MECHANICAL LIFE: 1500 MATING CYCLES
   - OPERATING TEMPERATURE: -45 - +85 °C
   - DWV: 500VAC/ I 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
3. RECOMMENDED PANEL THICKNESS: 4.00 9.1570 THICKNESS.
4. PRODUCT SPEC #S6148C

ORDERING CODE: M R U - A F 4 1 - 1 0 0 0

- SERIES
- STYLE: A = USB 2.0TYPE A
- CONNECTOR TYPE: F = FEMALE
- CONNECTOR MOUNTING FEATURE: 4 = PANEL MOUNT - LOCKING BAYONET TYPE
- PLATING: 1 = GOLD AT MATING AREA STANDARD
- TERMINATION: 1 = PCB
- COVER OPTION: 0 = NO COVER
- WIRE LENGTH: 00 = NO WIRE

UNLESS SPECIFIED OTHERWISE	DRAWN	B COPPING	JUN20/18
PRIMARY UNITS MILLIMETERS	CHECKED	S.MUGAN	JUN20/18
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.25	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

Amphenol Canada Corp.
Commercial Products

MRU SERIES CONNECTOR , USB 2.0 TYPE A, BAYONET LOCK RECEPTACLE FOR PCB TERMINATION, RoHS COMPLIANT

DWG. NO. P-MRU-AF41-1000 REV B

CODE ID NO. 03554 | DWG SIZE: X | SCALE: 2:1 | SHEET 1 OF 1

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