

ORDERING CODE: **MRU - AFE1-1100**

SERIES

USB TYPE

A=24mm SIZE USB 2.0 TYPE A

CONNECTOR TYPE

F=RECEPTACLE

MOUNTING FEATURE

E=BAYONET LOCK - PANEL MOUNT
WITH NUT

CABLE LENGTH
00=NO CABLE

COVER OPTIONS

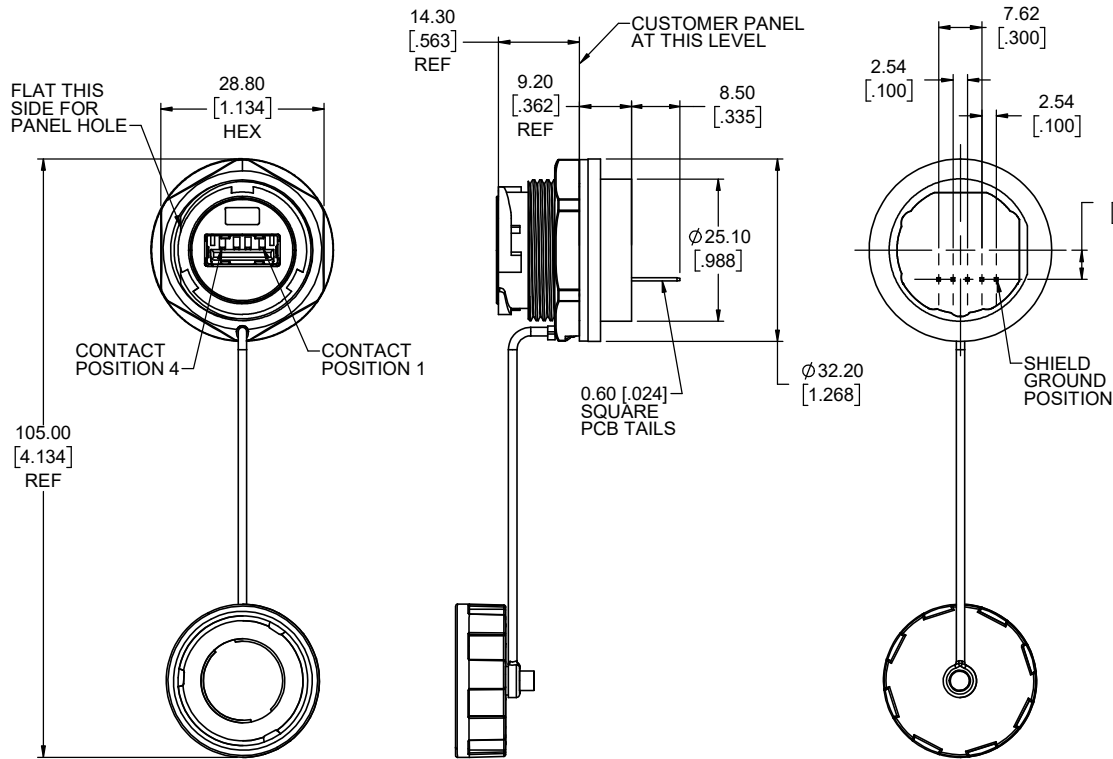
1=WITH DUST COVER

TERMINATION TYPE

1=VERTICAL PCB TAILS

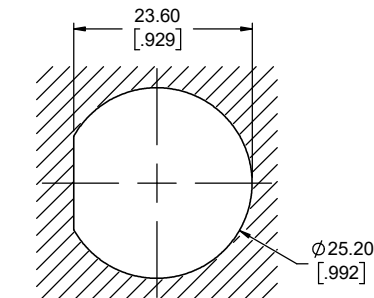
PLATING

1=GOLD PLATED ON MATING AREA

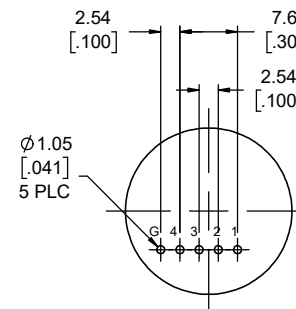


NOTES:

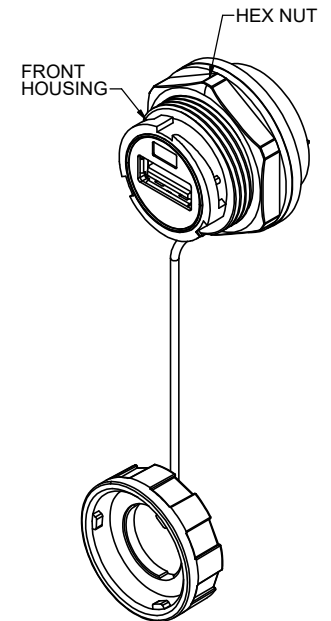
- ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - HOUSING & HEX NUT & DUST COVER: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK
 - USB HOUSING: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, WHITE
 - USB CONTACT: COPPER ALLOY PLATED WITH GOLD OVER NICKEL
 - USB SHIELD: STEEL PLATED WITH NICKEL
 - GASKET: SILICONE RUBBER
 - INTERNAL PCB: FR-4 FIBERGLASS, LEAD FREE, UL94V-0 FLAMMABILITY RATING
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 0.5A
 - CONTACT RESISTANCE: 30mΩ MAX
- RECOMMENDED PANEL THICKNESS: 2.0 (.079) TO 3.0 (.118)
- ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN MATED CONDITION.
- BAYONET LOCK RECEPTACLE MATES WITH AMPHENOL MRU SERIES PLUGS MRU-AM61-XXXX.



RECOMMENDED PANEL HOLE



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE OF PCB)



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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		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp. Commercial Products			
MRU SERIES RUGGED CONNECTOR, USB 2.0 TYPE A PANEL MOUNT RECEPTACLE, BAYONET LOCK, VERTICAL PCB TAIL, IP67 RATING, RoHS COMPLIANT			
DWG. NO.	P-MRU-AFE1-1100		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:2	SHEET 1 OF 1