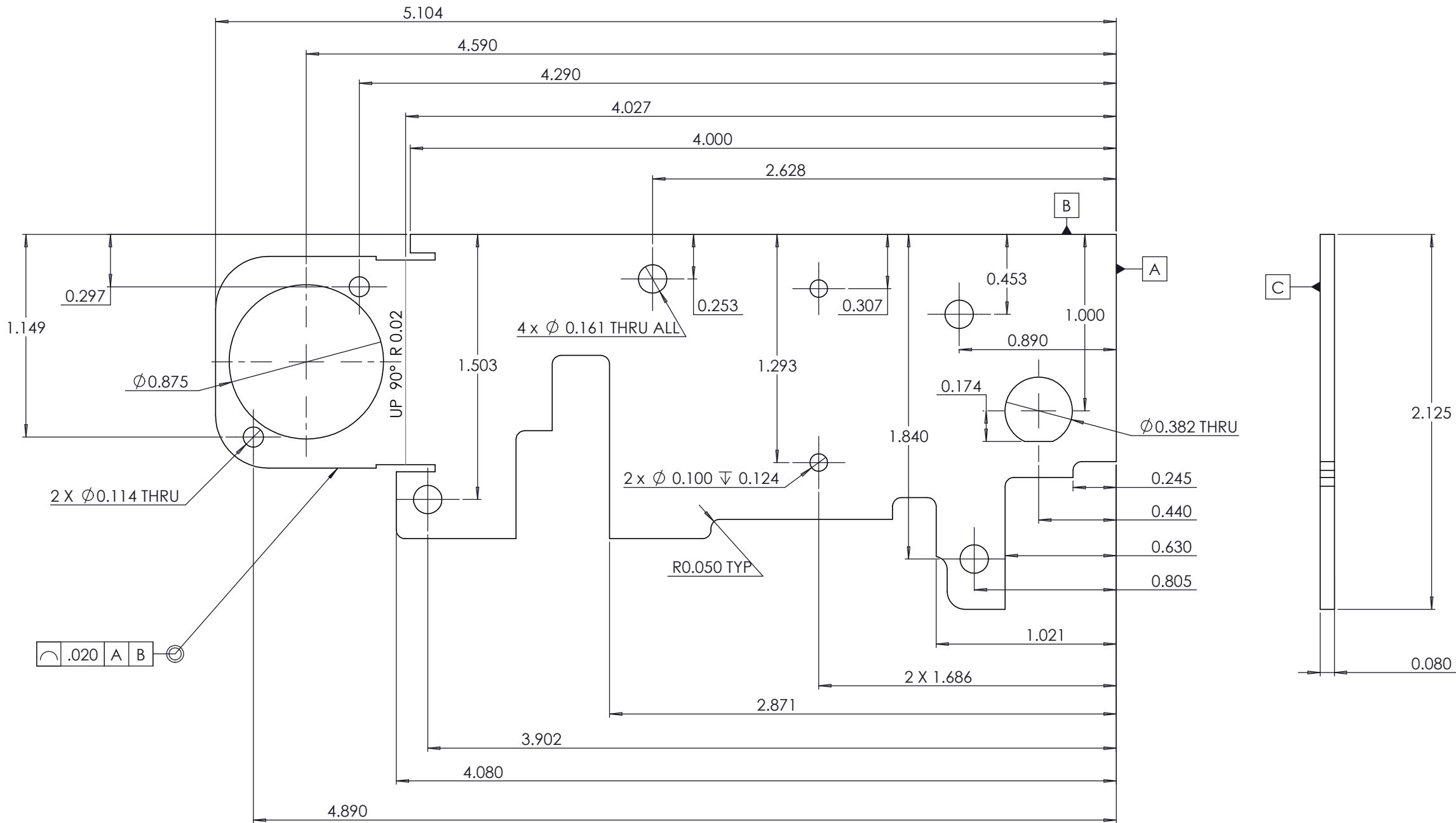
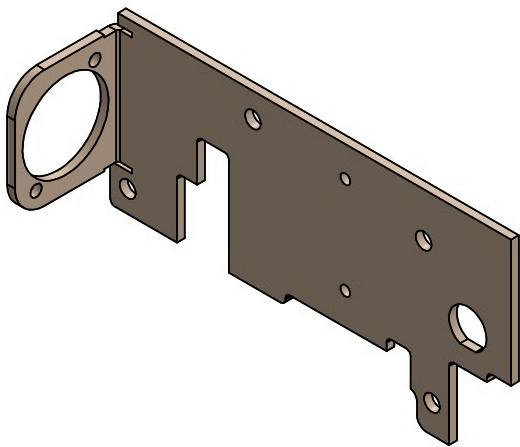


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	



NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-13-A_Ethernet&PowerPanel.SLDPRT

NOTE 2. MATERIAL: 3003-H14 ALUMINUM ALLOY.

NOTE 3. ANODIZE PART TO 0.0008 AVERAGE COATING THICKNESS TO MIL-A-8625, Type II, Class 2, color: GOLD. NOTE MASKING CALL-OUTS (IF ANY).

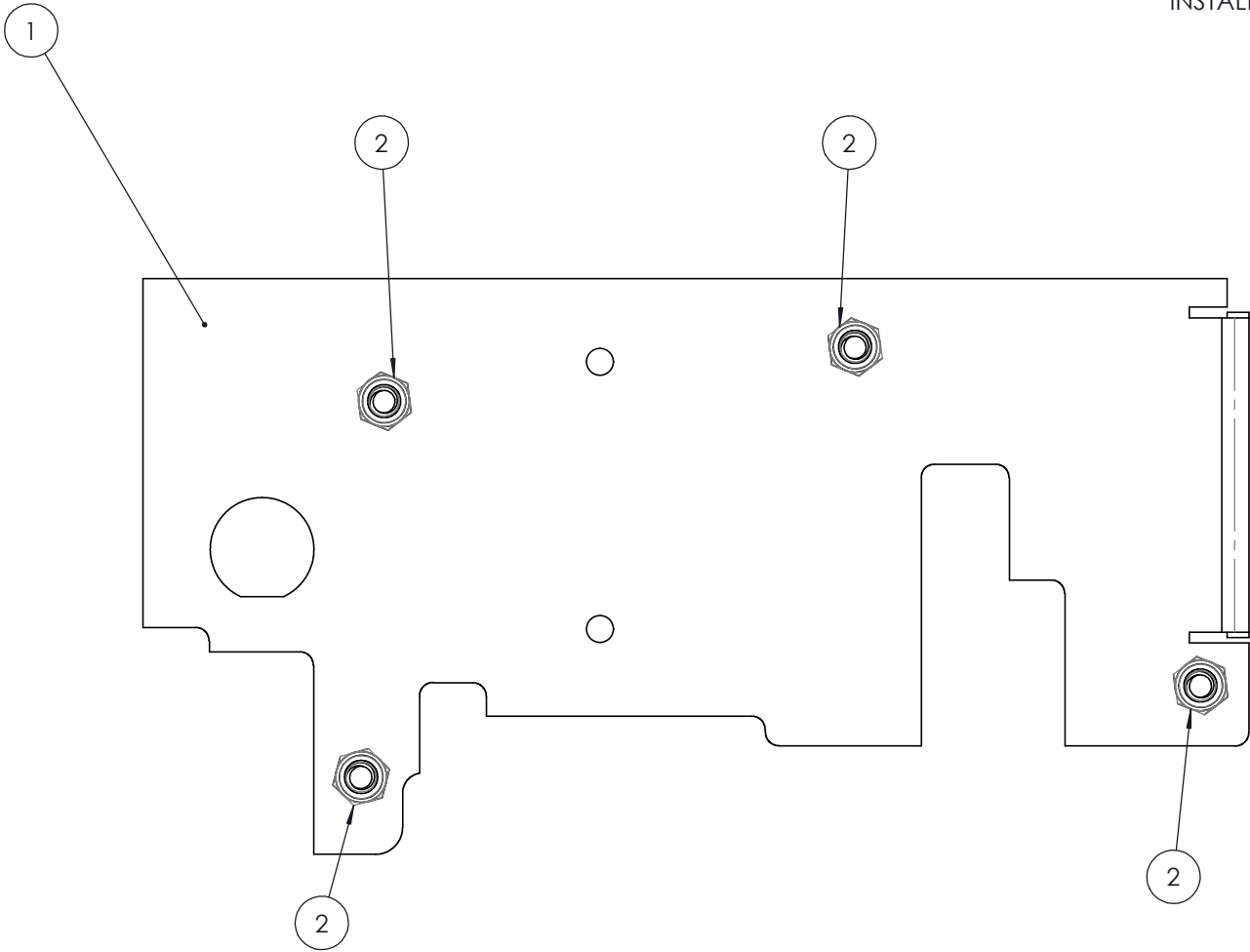
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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC		01/12/2021	
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADIUS .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER			
Engineer						MARK R. CHAFFEY			
						(831) 775-1708			
						chma@mbari.org			
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001		
						PROJECT Name	4K ROV CAMERA		
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			
						SIZE C	DWG. NO.	100221414-13-A-DWG	REV. A
						SCALE	CAD FILE:	SHEET 1 OF 2	

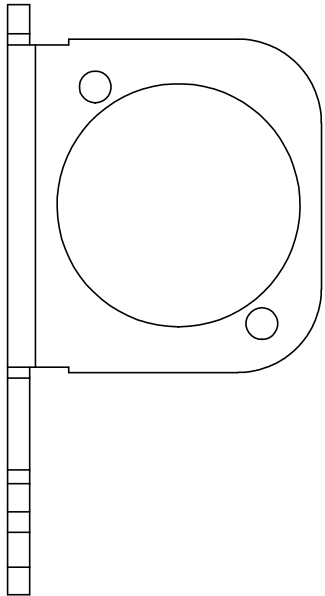
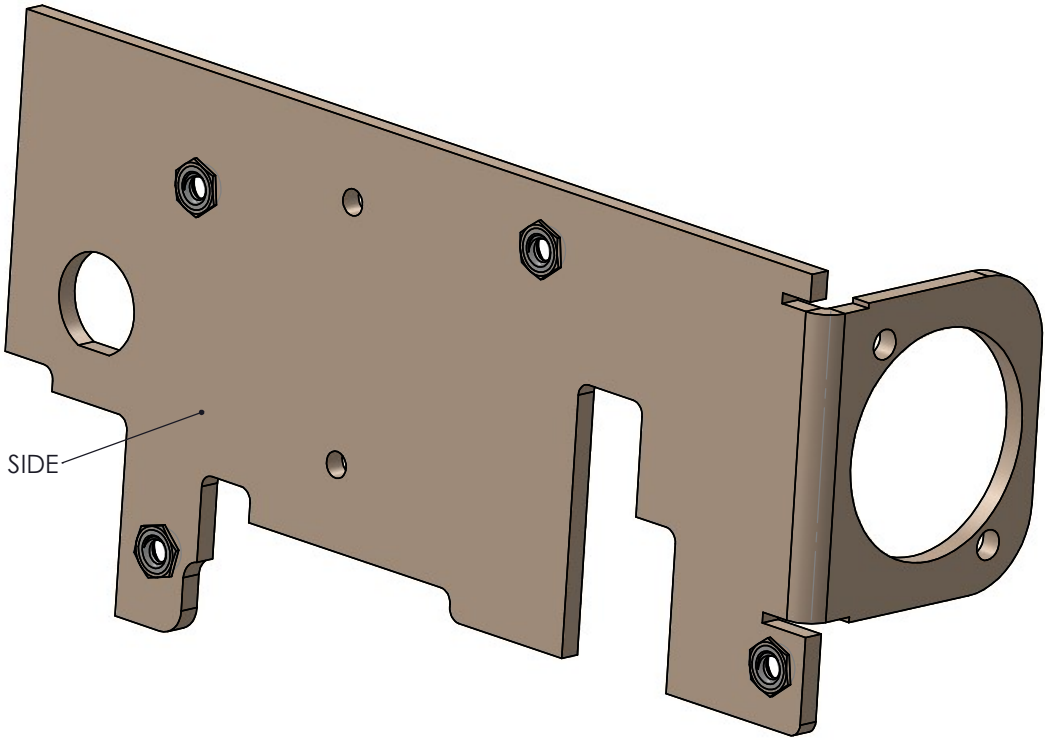


4K CAMERA ETHERNET & POWER PANEL

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INSTALL PEM NUTS FROM THIS SIDE



PEM NUT INSTALLATION

ITEM NO.		PART NUMBER		DESCRIPTION		QTY.	
1		100221414-13-A_Ethernet&PowerPanel		MBARI Ethernet and power panel		1	
2		94674A490		#4-40_PEM_FlushNut		4	
Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016		2 PLACE DIM ±.005		3 PLACE DIM ±.005	
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADIUS .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.		DRAWN MRC ENGINEER MARK R. CHAFFEY (831) 775-1708 mrc@mbari.org		01/12/2021	
NEXT ASSY Description		NEXT ASSY Number		PROJECT No. 902001		4K CAMERA ETHERNET & POWER PANEL	
APPLICATION		DO NOT SCALE DRAWING		PROJECT Name 4K ROV CAMERA		SIZE C DWG. NO. 100221414-13-A-DWG REV. A	
				WEIGHT		SCALE CAD FILE: SHEET 2 OF 2	

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