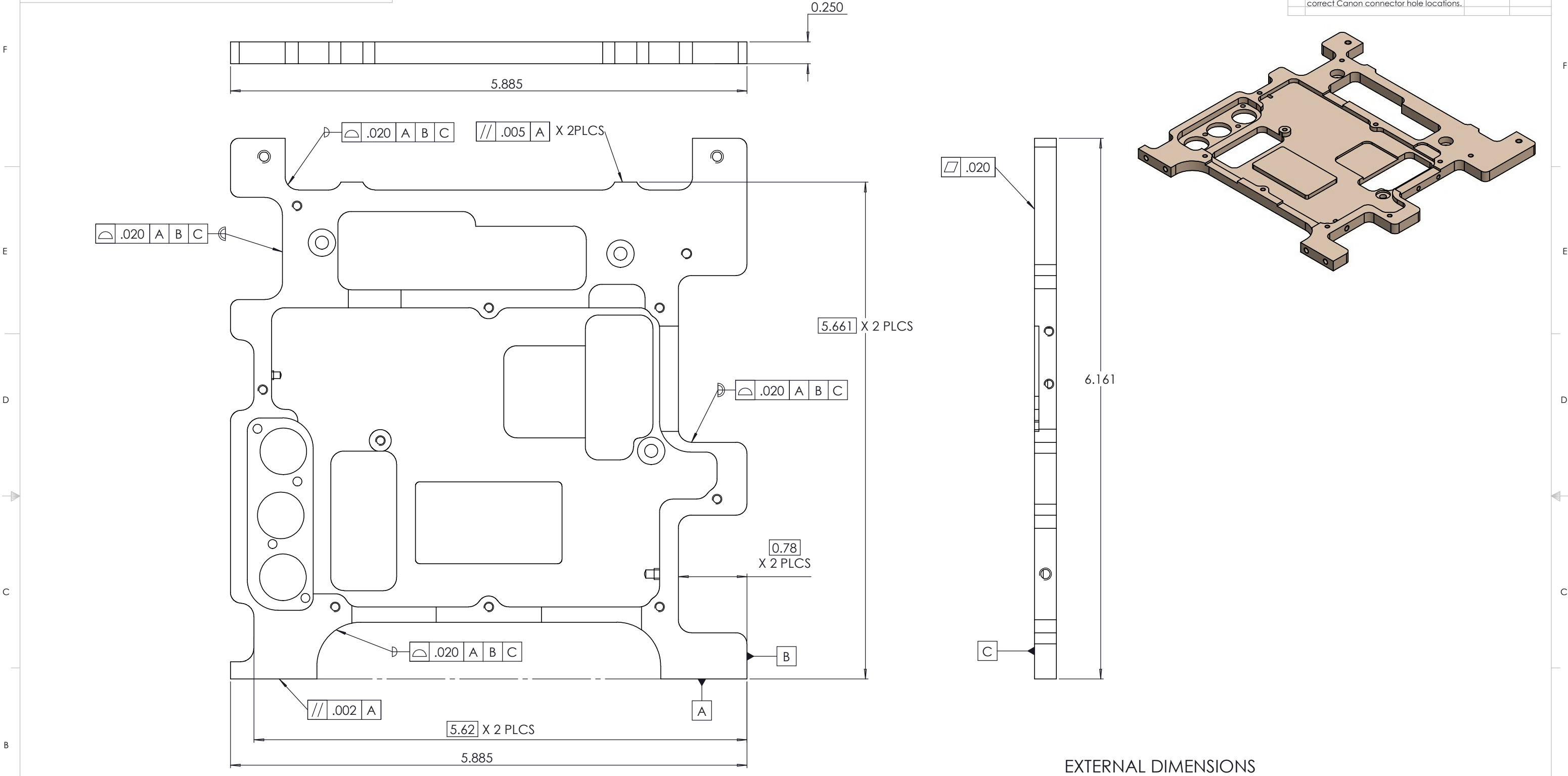




EXTERNAL DIMENSIONS

NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-09-B_ChassisTopPlate.SLDPRT

NOTE 2. MATERIAL: 6061 T6 ALUMINUM ALLOY.

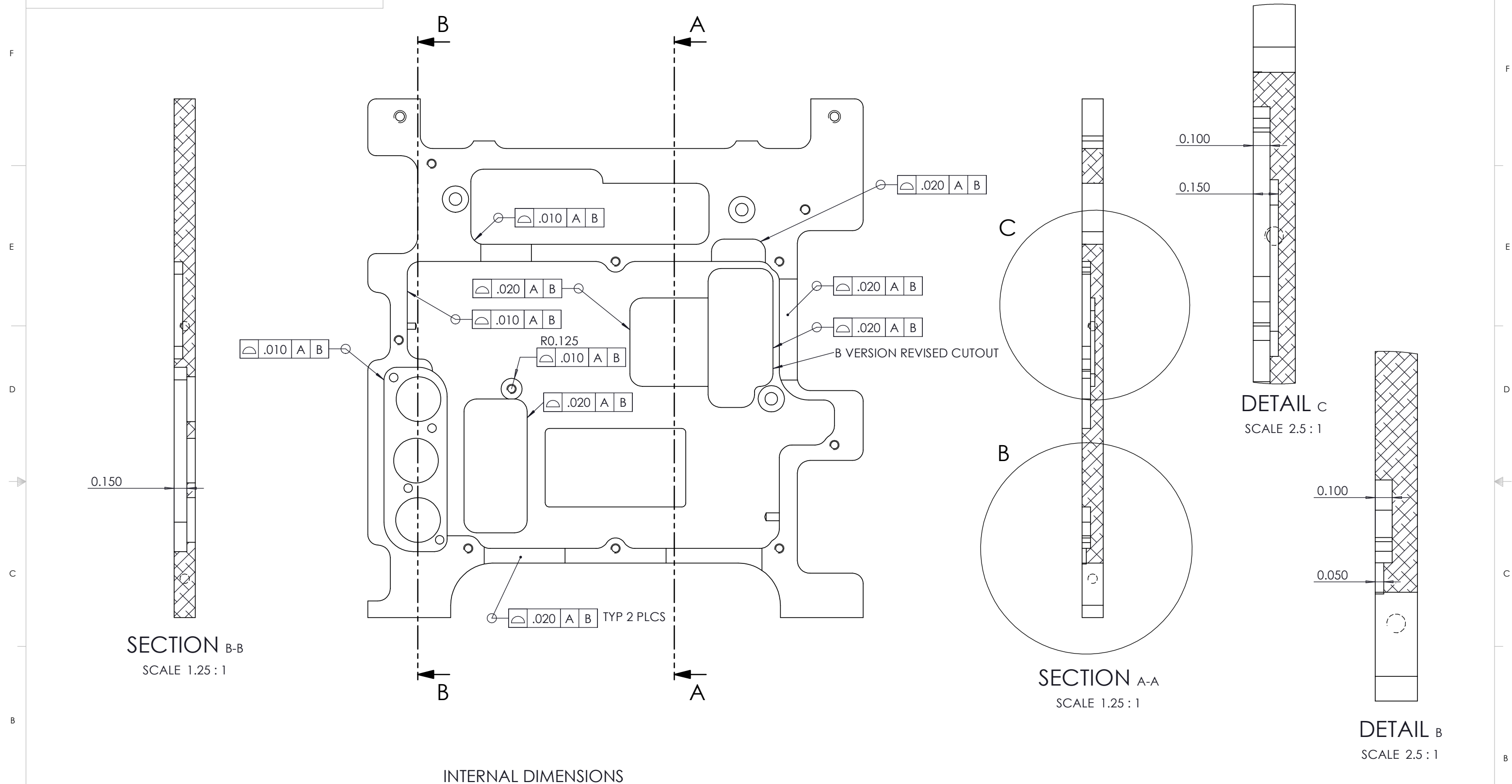
NOTE 3: ANODIZE PART TO 0.0008 AVERAGE COATING THICKNESS TO MIL-A-8625, Type II, Class 2, color: GOLD. NOTE MASKING CALL-OUTS (IF ANY).

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.010	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±.1°	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 RADI .015-.030. 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.	100221414-09-B-DWG	REV. B
						SCALE	CAD FILE:	SHEET 1 OF 3	



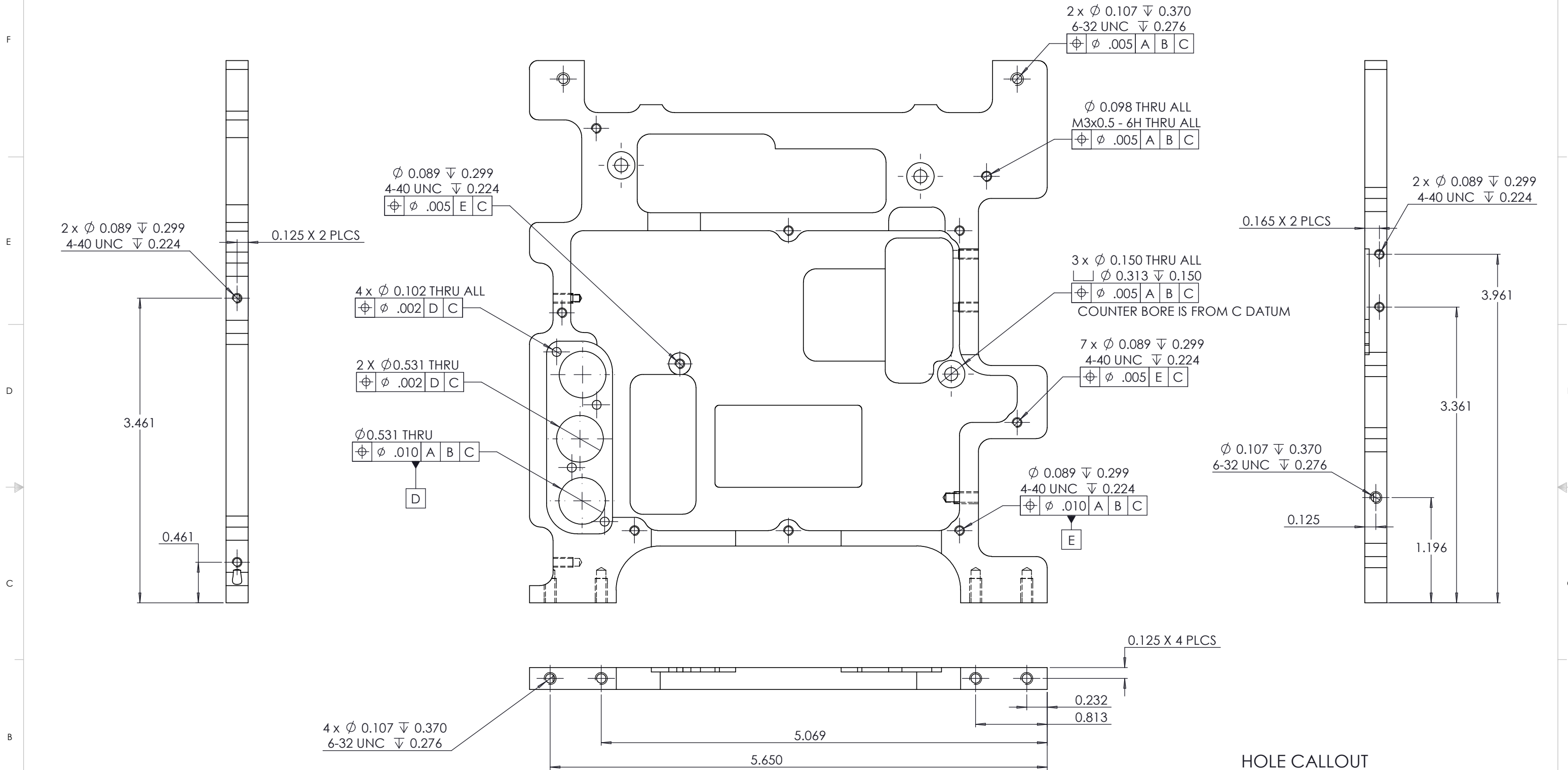
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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS		DATE		 MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700 Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM 1/16	2 PLACE DIM 1/32	3 PLACE DIM 1/64	ANGLE 1/4	DRAWN MRC	01/12/2021				
Shop Foreman						ENGINEER					
Engineer						MARK R. CHAFFEY					
						(831) 775-1708 chm@mbm.org					
NEXT ASSY Description	NEXT ASSY Number	1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REACTIVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILED RADII .015-.020. 5. MACHINED DIMETERS ON A COMMON CENTERLINE CONCENTRIC WITH .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.				PROJECT NO. 902001		4K CAMERA CHASSIS TOP PLATE			
						PROJECT Name 4K ROV CAMERA	SIZE C	DWG. NO. 100221414-09-B-DWG	REV. B		
APPLICATION		DO NOT SCALE DRAWING				WEIGHT		SCALE	CAD FILE:		SHEET 2 OF 3

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HOLE CALLOUT

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.010	2 PLACE DIM ±.005	3 PLACE DIM ±.002	ANGLE ±.005	DRAWN MRC		01/25/2021	
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET RADI .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		
APPLICATION		DO NOT SCALE DRAWING				PROJECT Name	4K ROV CAMERA		
						SIZE C	DWG. NO.	100221414-09-B-DWG	
						SCALE	CAD FILE:		REV. B
									SHEET 3 OF 3



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Moss Landing, CA 95039
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4K CAMERA CHASSIS TOP PLATE