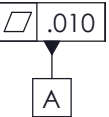
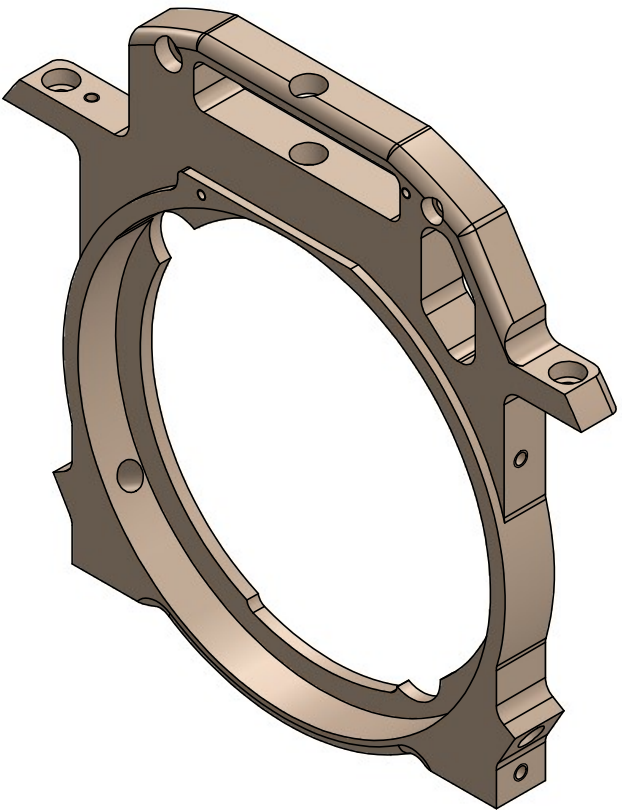


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	

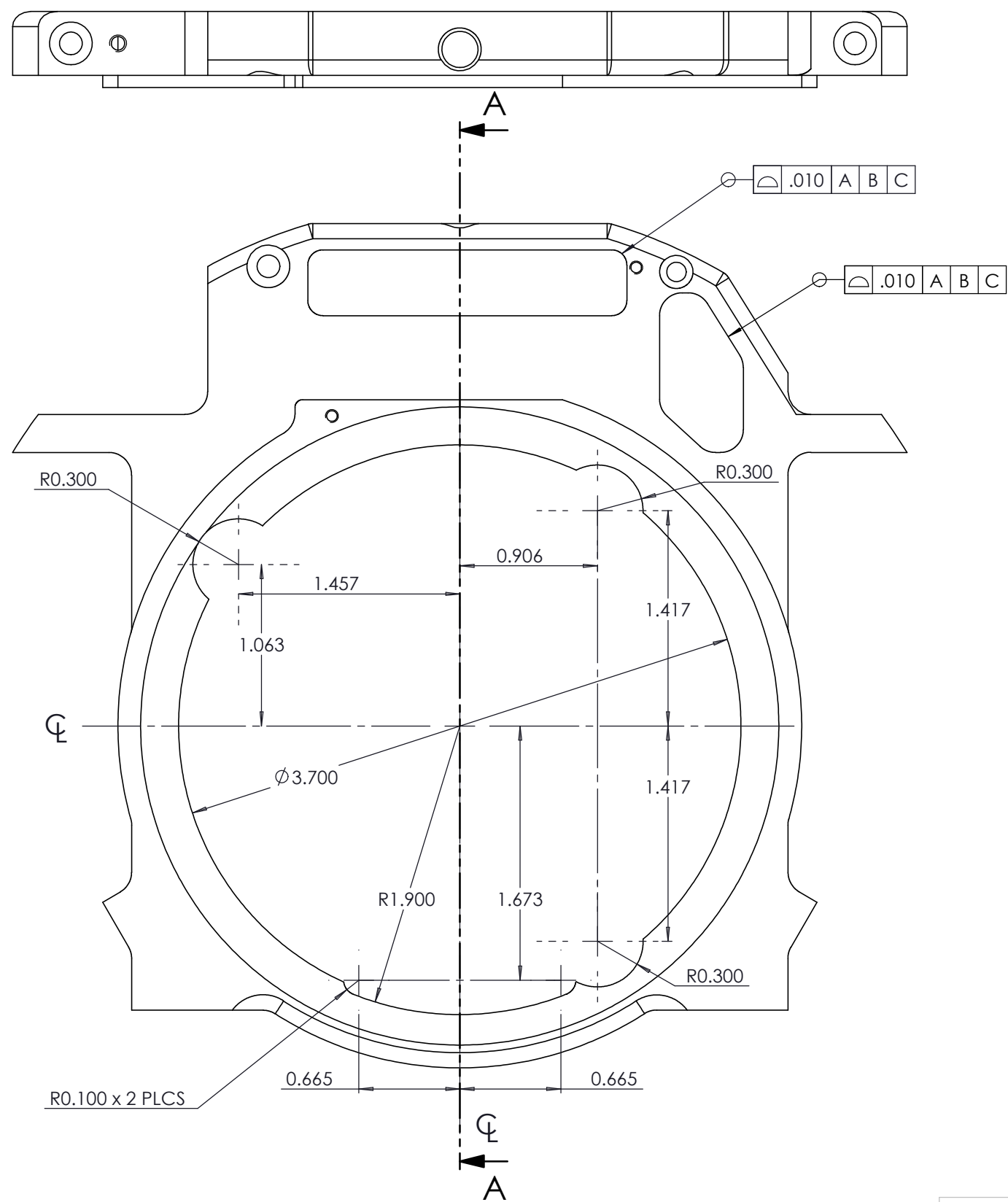


EXTERNAL DIMENSIONS

Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE		 MBARI Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM ±.116	2 PLACE DIM ±.050	3 PLACE DIM ±.025	ANGLE ±.1°	DRAWN MRC	12/18/2020			MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HOLD AFTER PLATING. 3. REMOVABLE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FLAT .015 .015 .020.				ENGINEER				
Engineer		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.				MARK R. CHAFFEY (831) 775-1708 chrm@mbari.org				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO: 902001		4K CAMERA OPTICAL BLOCK MOUNT		
						PROJECT Name: 4K ROV CAMERA		SIZE C	DWG. NO. 100221414-25-A-DWG	REV. A
APPLICATION		DO NOT SCALE DRAWING				WEIGHT		SCALE	CAD FILE:	SHEET 1 OF 6

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INTERNAL MILLING CUTS

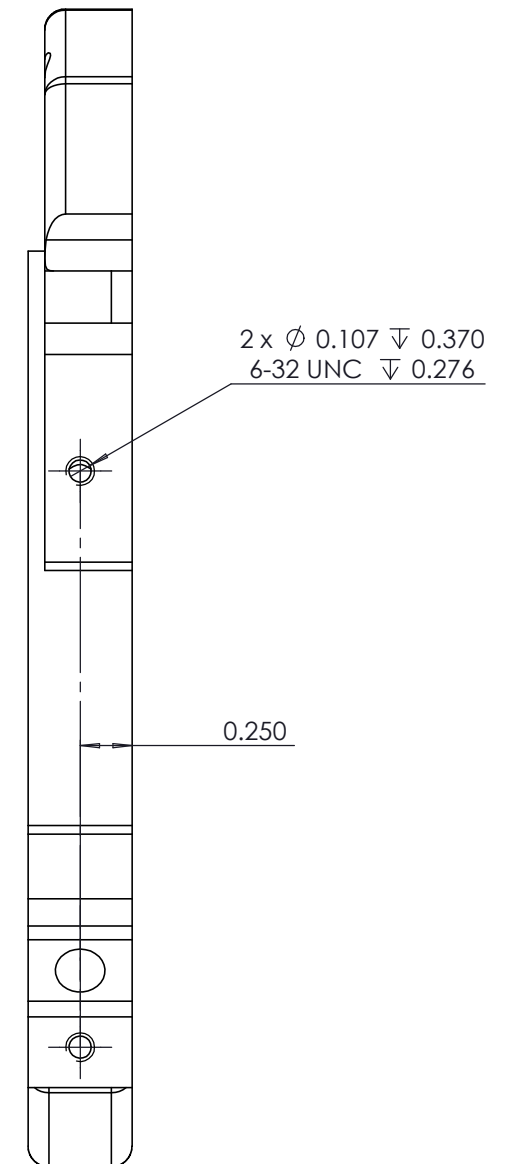
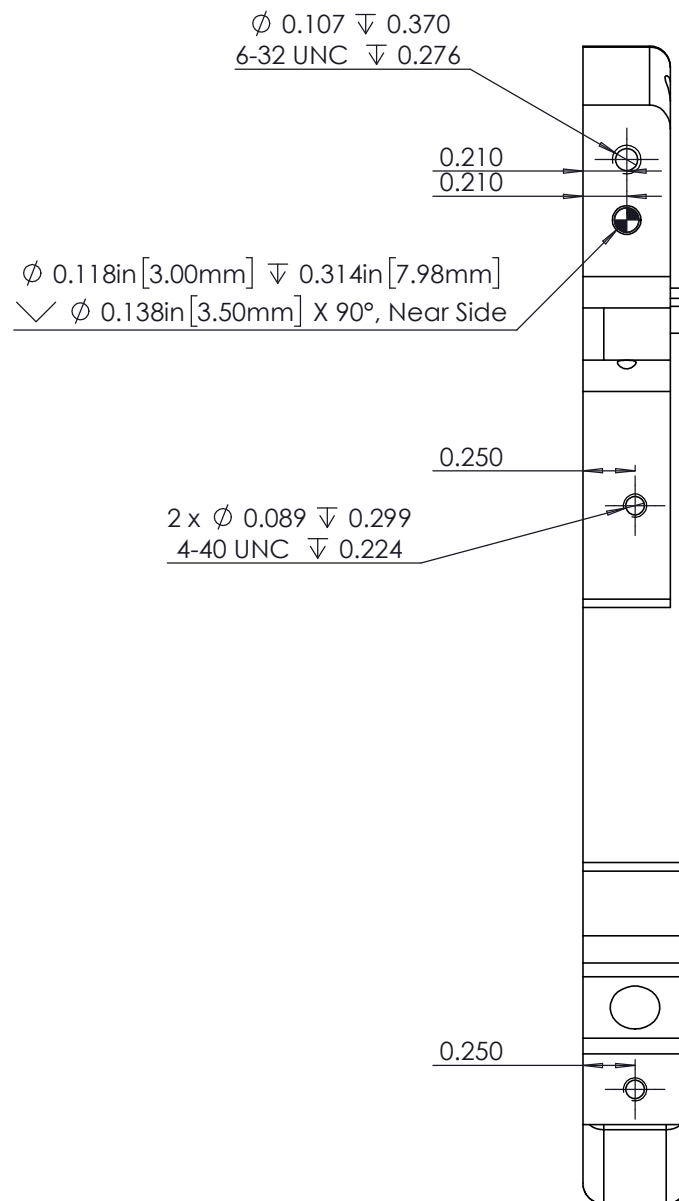
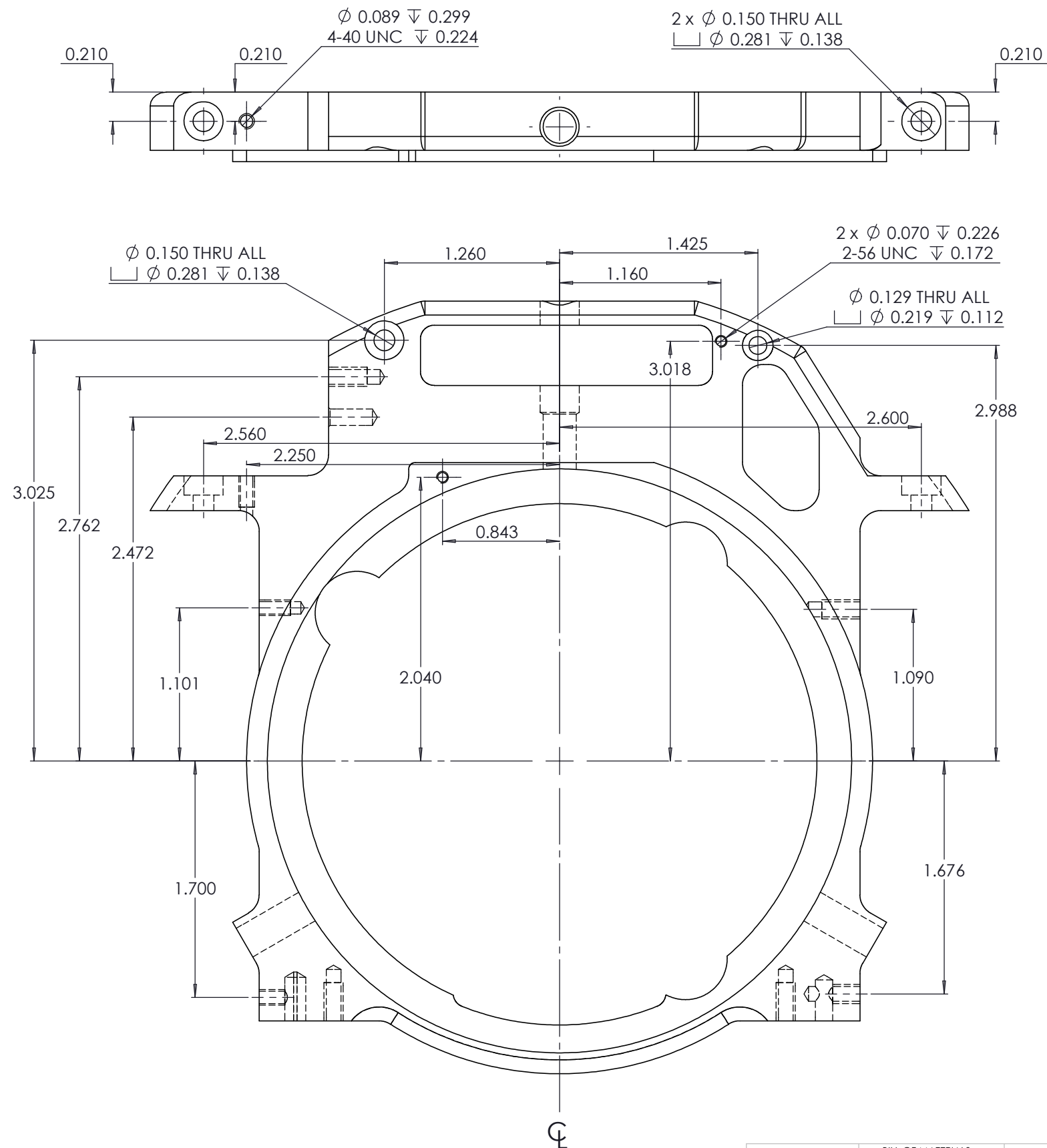
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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.010	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±.1°	DRAWN MRC	12/18/2020	MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700	
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-.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 MARK R. CHAFFEY			
Engineer						(831) 775-1708 mrc@mbari.org			
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001	4K CAMERA OPTICAL BLOCK MOUNT	
APPLICATION		DO NOT SCALE DRAWING				PROJECT Name	4K ROV CAMERA	SIZE C	DWG. NO. 100221414-25-A-DWG
						WEIGHT		SCALE	CAD FILE:
								SHEET 2 OF 6	



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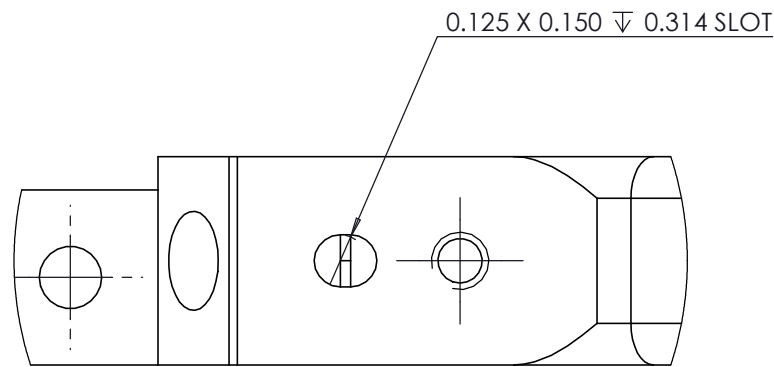
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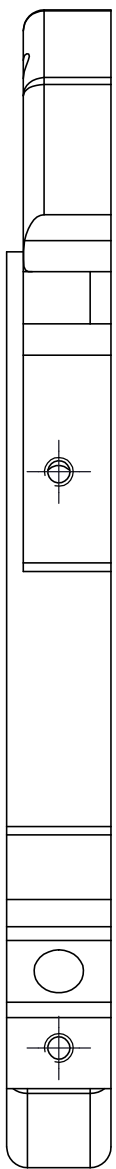
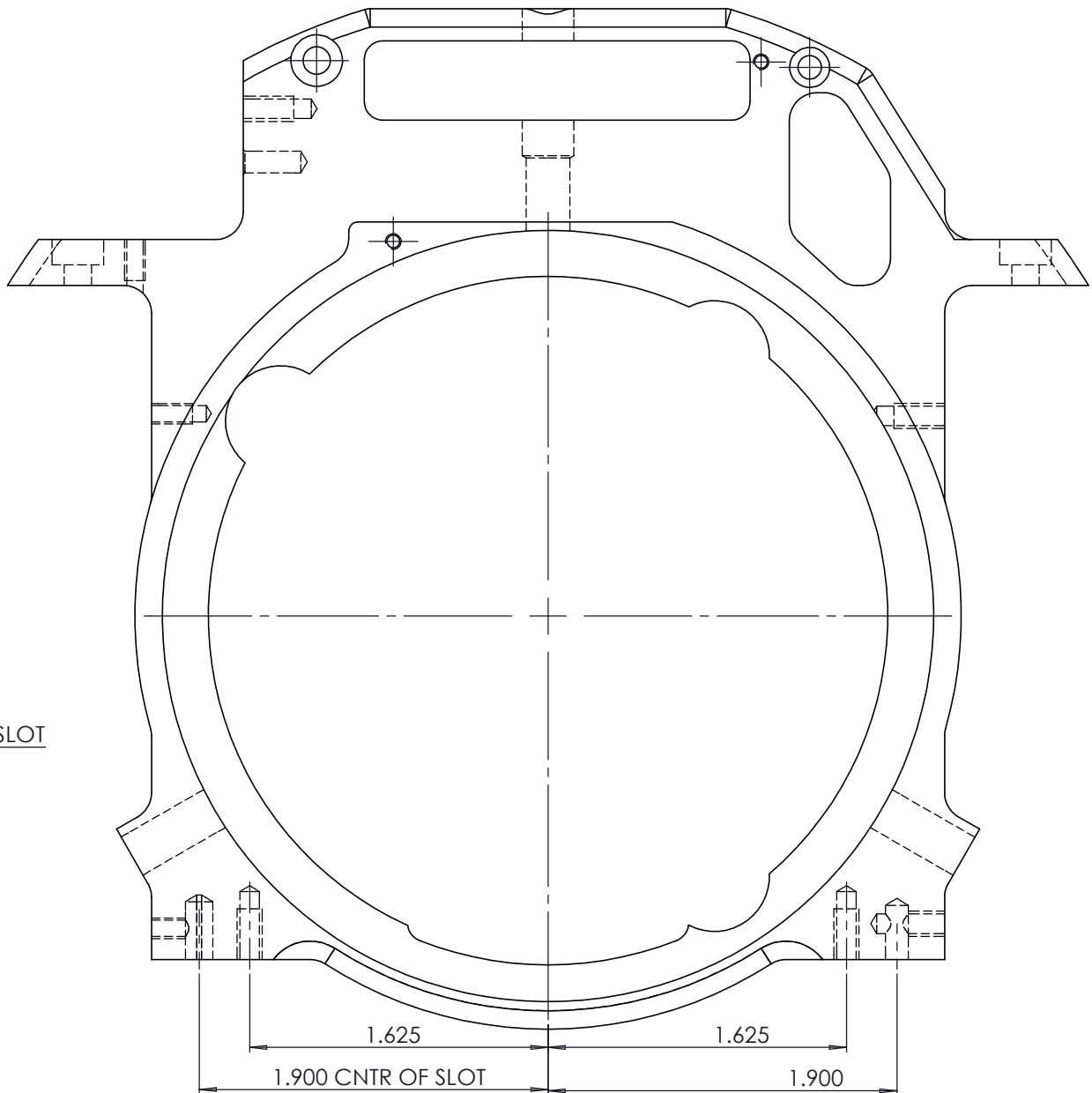
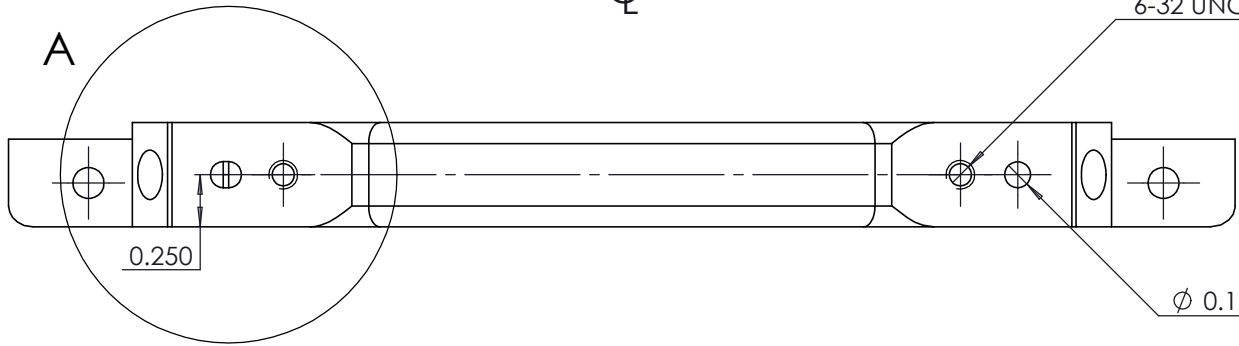
Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		 MBARI Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM #1/16	2 PLACE DIM #000	3 PLACE DIM #005	ANGLE #1°	DRAWN MRC	12/18/2020		MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700			
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 20:00. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .003 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	MARK R. CHAFFEY					
Engineer						(831) 775-1708 chmair@mbari.org						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	902001		4K CAMERA OPTICAL BLOCK MOUNT			
						PROJECT Name	4K ROV CAMERA		SIZE	DWG. NO.	100221414-25-A-DWG	
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			SCALE	CAD FILE:		
										SHEET 3 OF 6		

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DETAIL A
SCALE 3 : 1

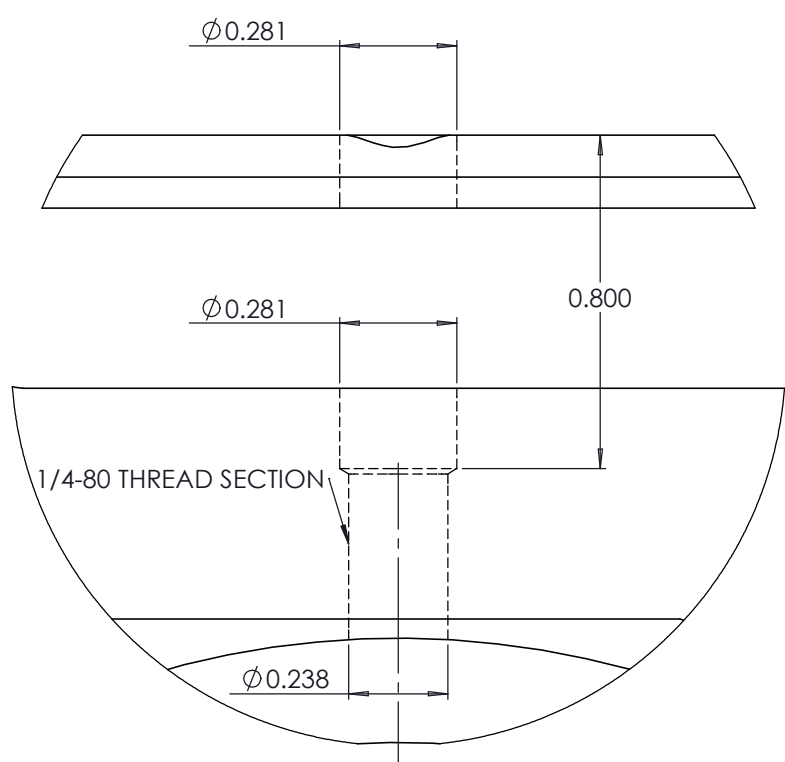
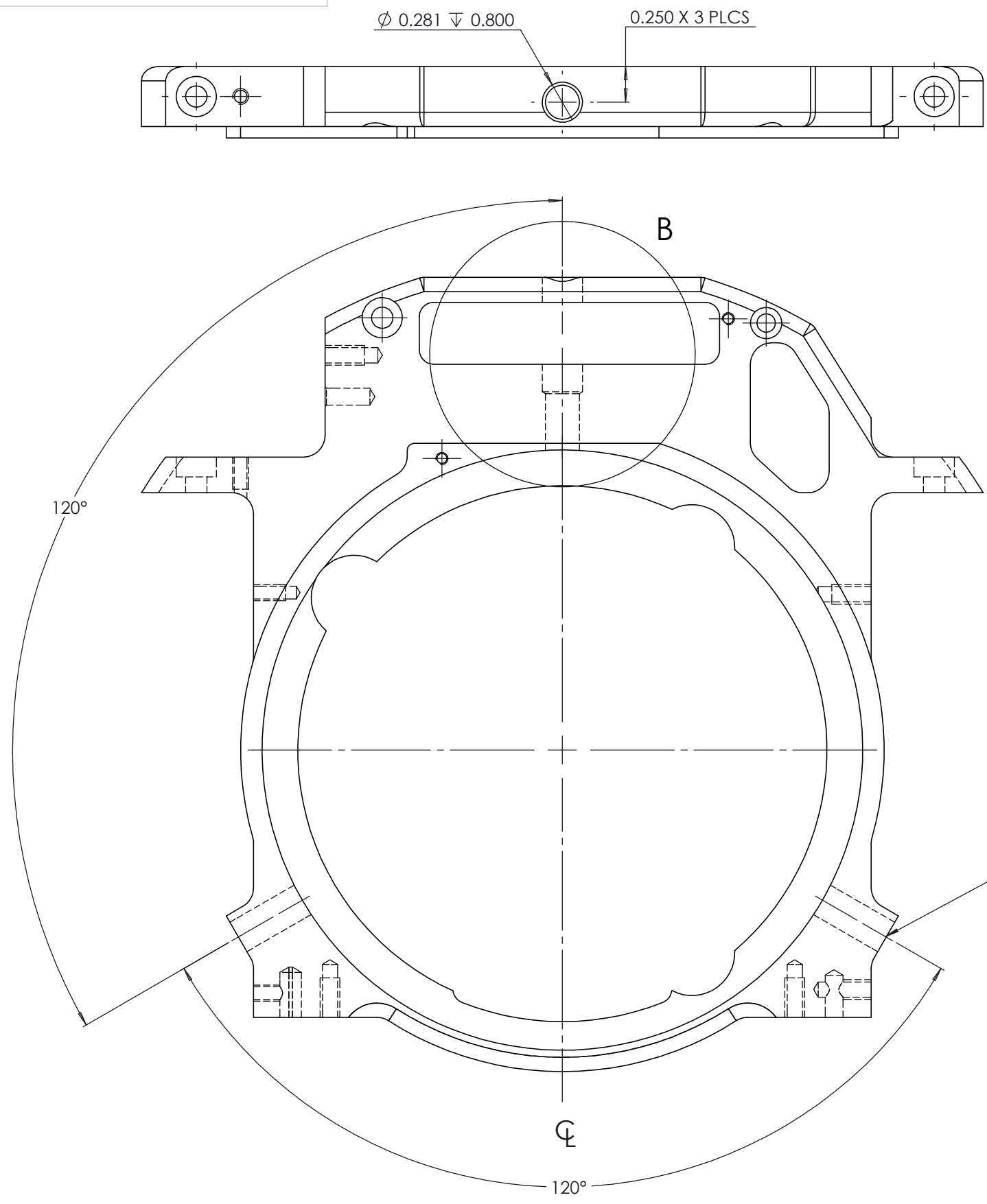


Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.015	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC		12/18/2020	
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADI .015-.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			

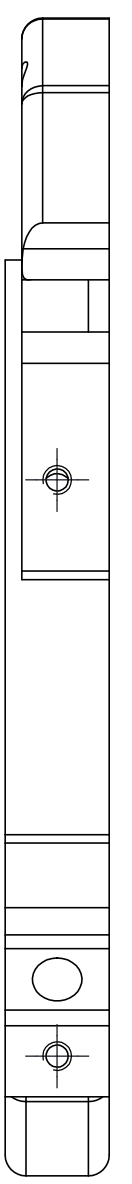
MBARI		7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700	
Monterey Bay Aquarium Research Institute			
4K CAMERA OPTICAL BLOCK MOUNT			
SIZE C	DWG. NO. 100221414-25-A-DWG	REV. A	
SCALE	CAD FILE:	SHEET 4 OF 6	

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DETAIL B
SCALE 3 : 1



3 X $\phi 0.238$ DRILL & TAP
1/4-80 CLASS 3A THREAD
THRU ALL

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		MBARI Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700			
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±.1°	DRAWN MRC	12/18/2020						
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	MARK R. CHAFFEY						
Engineer							(831) 775-1708 mrc@mbari.org						
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001	4K CAMERA OPTICAL BLOCK MOUNT					
APPLICATION						PROJECT Name	4K ROV CAMERA	SIZE C	DWG. NO. 100221414-25-A-DWG				
		DO NOT SCALE DRAWING		WEIGHT		SCALE		CAD FILE:		SHEET 5 OF 6			

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MASK THIS HOLE

MASK 1/4-80 THREADED HOLES (3 PLACES)

ANODIZE MASKING CALLOUT

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

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		MBARI Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700			
Inspector		1 PLACE DIM Ø.176	2 PLACE DIM Ø.100	3 PLACE DIM Ø.005	ANGLE Ø°	DRAWN MRC	12/18/2020						
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-.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	MARK R. CHAFFEY						
Engineer						(831) 775-1708 chm@mbari.org							
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001		4K CAMERA OPTICAL BLOCK MOUNT				
APPLICATION		DO NOT SCALE DRAWING				PROJECT Name	4K ROV CAMERA		SIZE C	DWG. NO.	100221414-25-A-DWG		REV. A
						WEIGHT			SCALE	CAD FILE:		SHEET 6 OF 6	