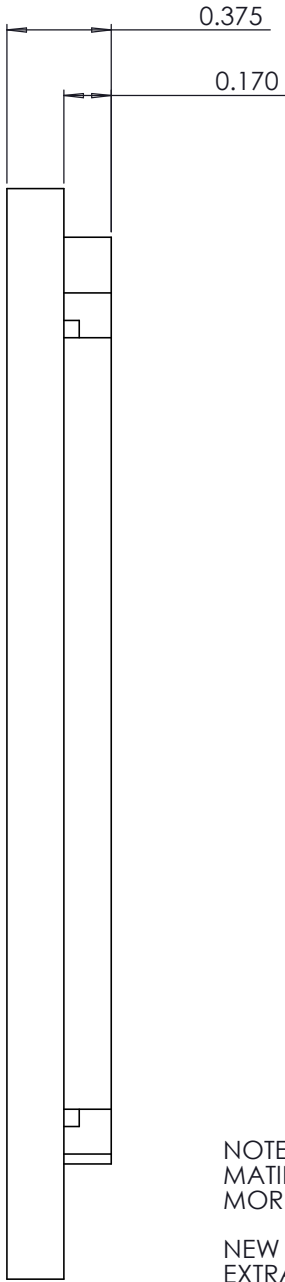
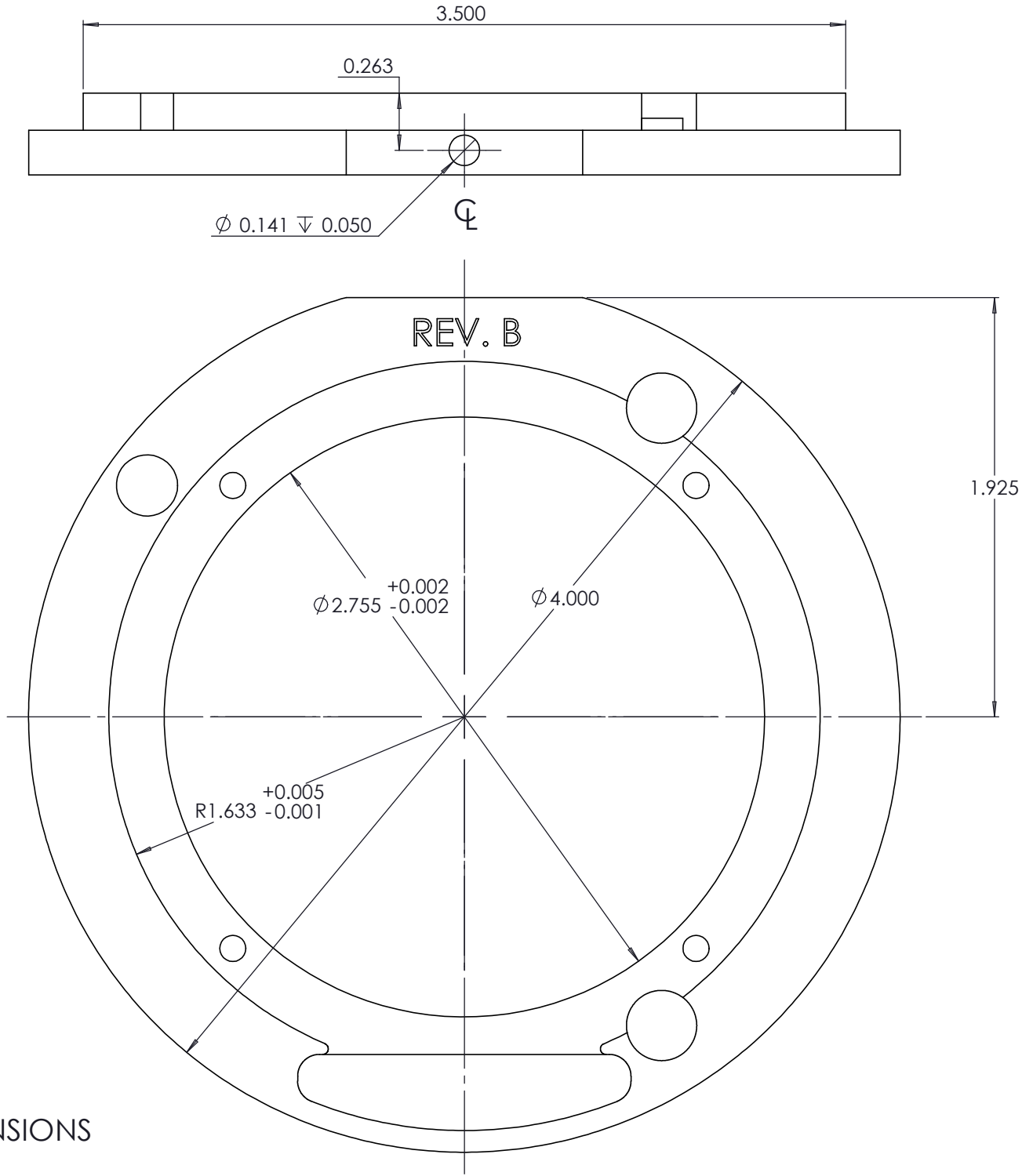


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	Modification to fit out-of-tolerance mate.	04/27/2021	
C	XX	XX/XX/202X	



EXTERNAL DIMENSIONS

NOTE: THIS 'B' REVISION IS TO FIT SLIGHTLY OUT OF TOLERANCE MATING PART (OPTICAL BLOCK MOUNT) AND ALSO TO ALLOW MORE COMPLIANCE FOR ADJUSTING THE CAMERA LENS TILT.

NEW BUILDS MUST USE THE 'C' REVISION PART THAT ALSO ALLOWS EXTRA COMPLIANCE BUT DOES NOT NEED EXTRA MACHINED FLAT FOR ADJUSTING SCREW.

NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-22-B_OpticalBlockFlange.SLDPRT

NOTE 2. MATERIAL 7075 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).

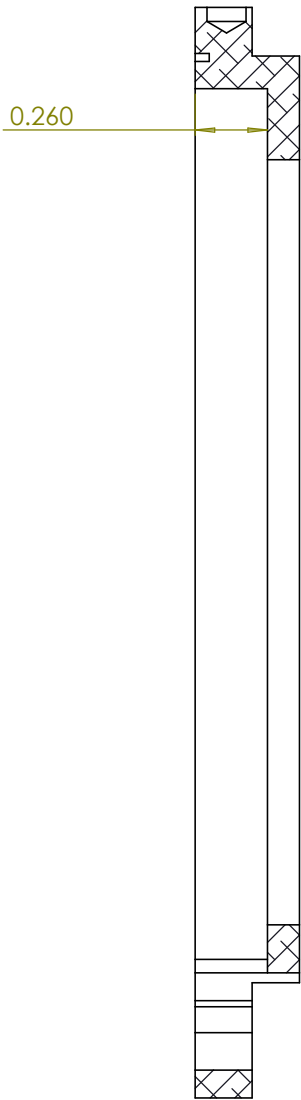
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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC		12/17/2020	
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS 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			
Engineer						MARK R. CHAFFEY			
						(831) 775-1708			
NEXT ASSY Description		NEXT ASSY Number		PROJECT No.		PROJECT Name		OPTICAL BLOCK FLANGE	
				902001		4K ROV CAMERA		REV. B	
APPLICATION		DO NOT SCALE DRAWING		WEIGHT		SCALE		DWG. NO. 100221414-22-B-DWG	
						CAD FILE:		SHEET 1 OF 3	

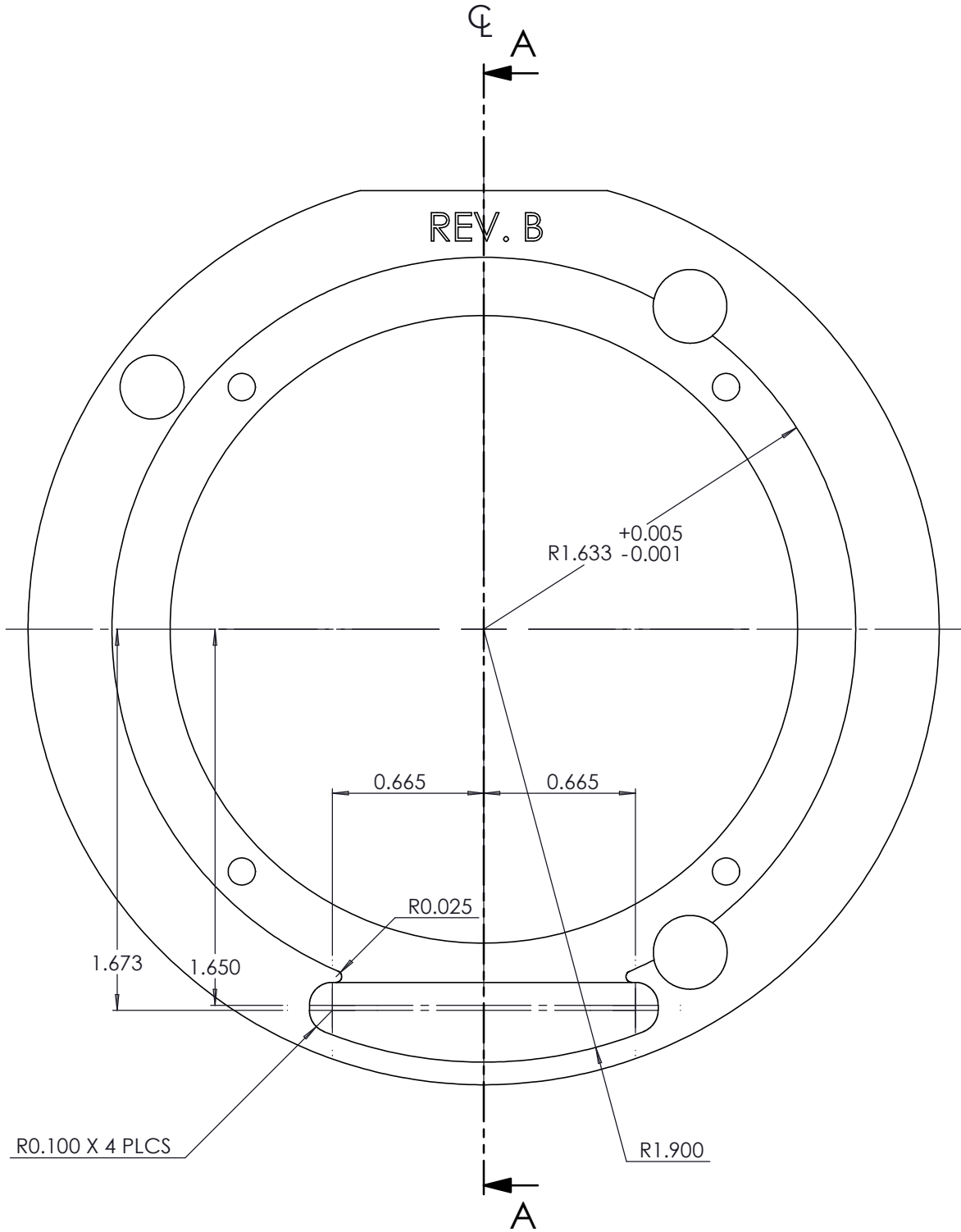


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SECTION A-A
SCALE 2:1



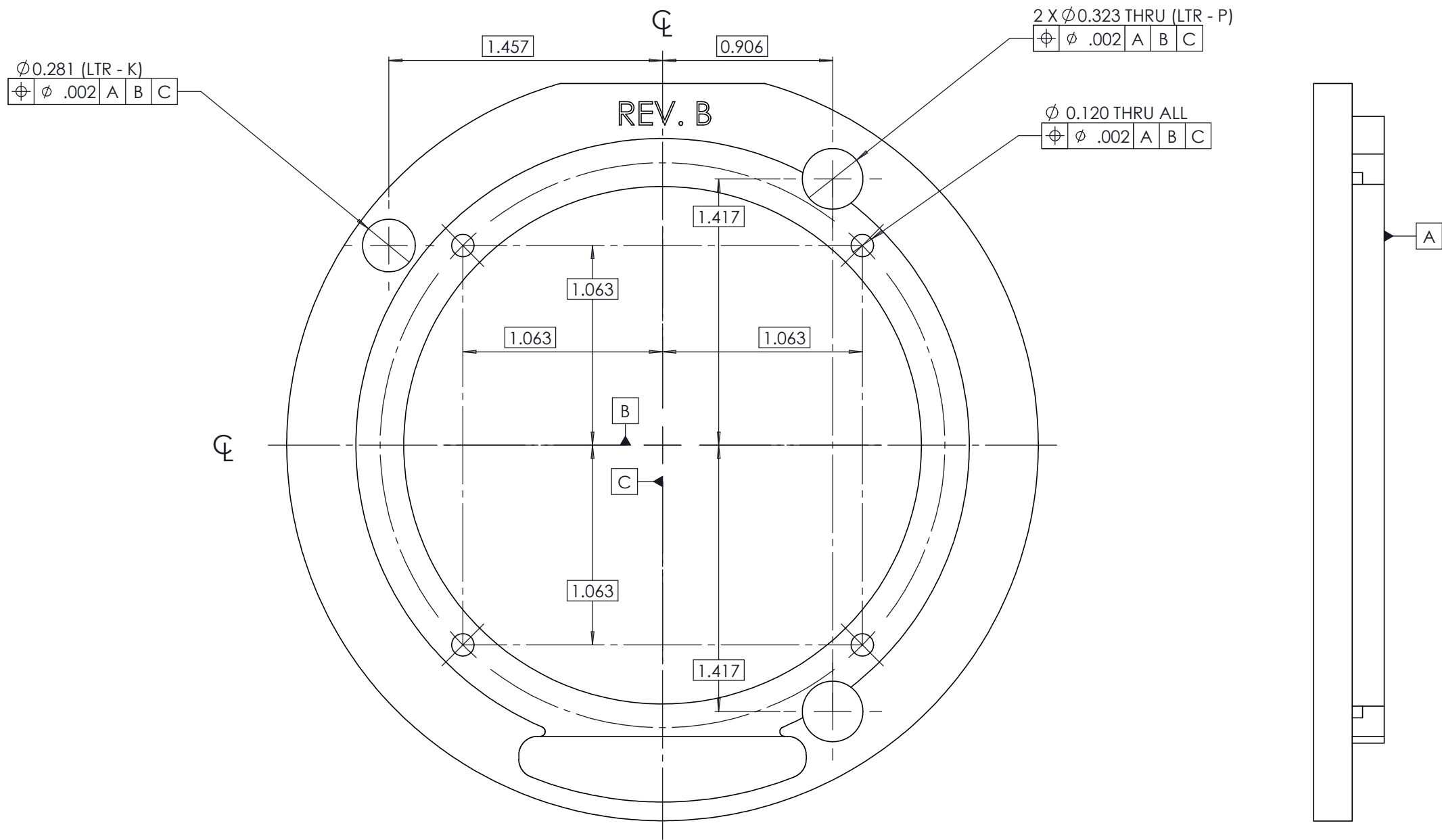
POCKET MILLING

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 ±.1°	DRAWN MRC		12/17/2022	
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			
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001		
						PROJECT Name	4K ROV CAMERA		
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			
						SIZE C	DWG. NO.	100221414-22-A-DWG	REV. A
						SCALE	CAD FILE:	SHEET 2 OF 3	



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PRECISION HOLE CALLOUT

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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 ±.1°	DRAWN MRC		12/17/2020	
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			
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001		
						PROJECT Name	4K ROV CAMERA		
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			
						SIZE C	DWG. NO.	100221414-22-A-DWG	REV. A
						SCALE	CAD FILE:	SHEET 3 OF 3	

