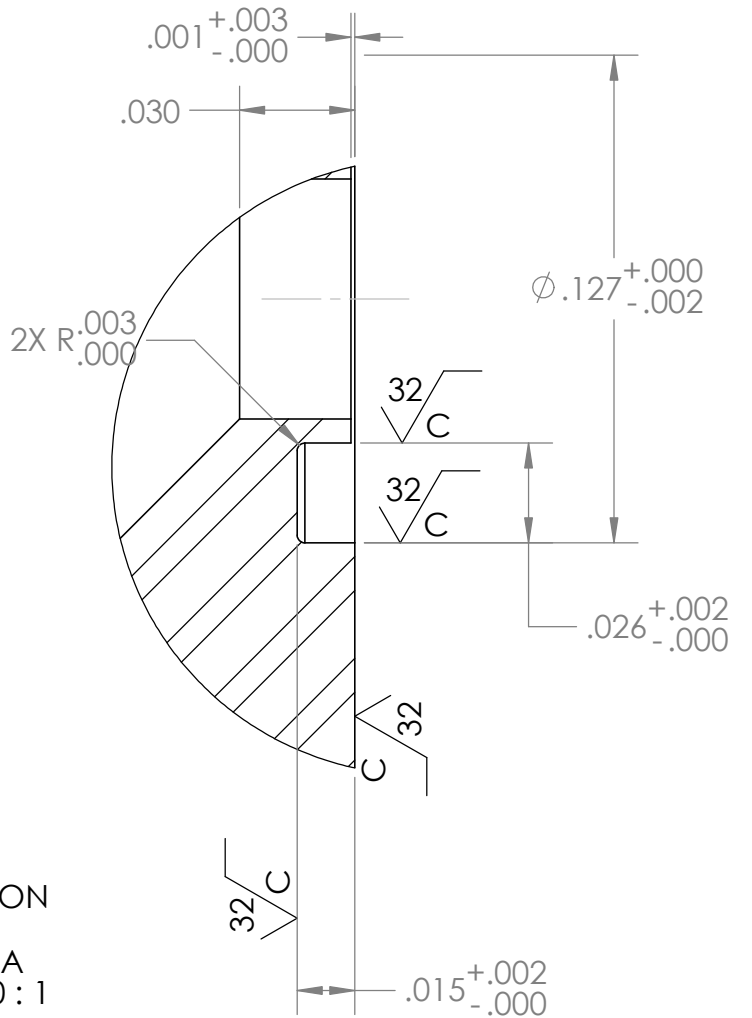
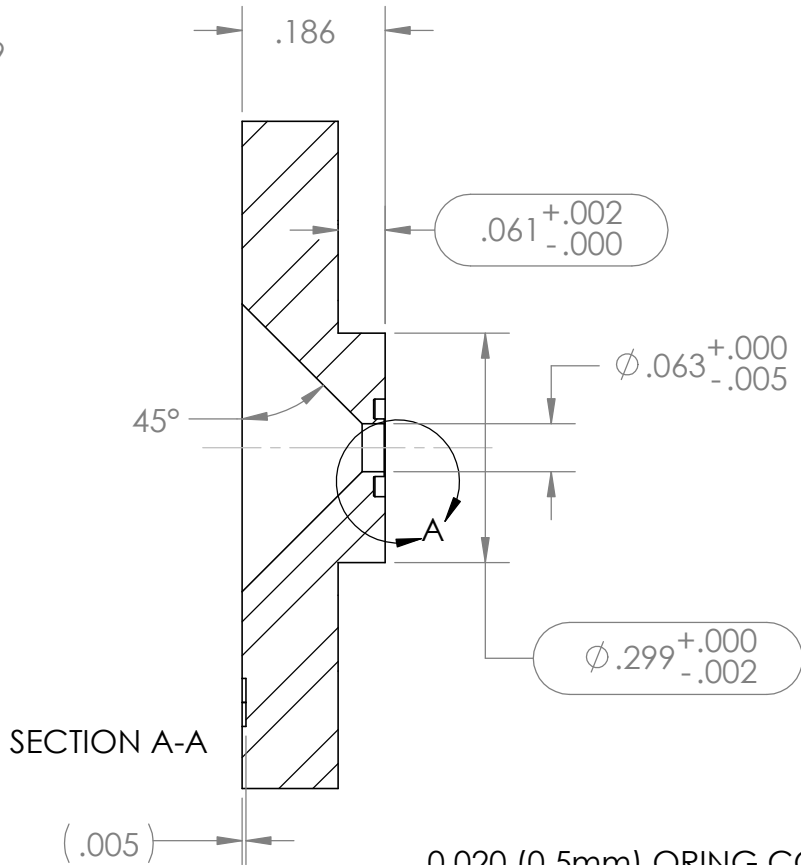
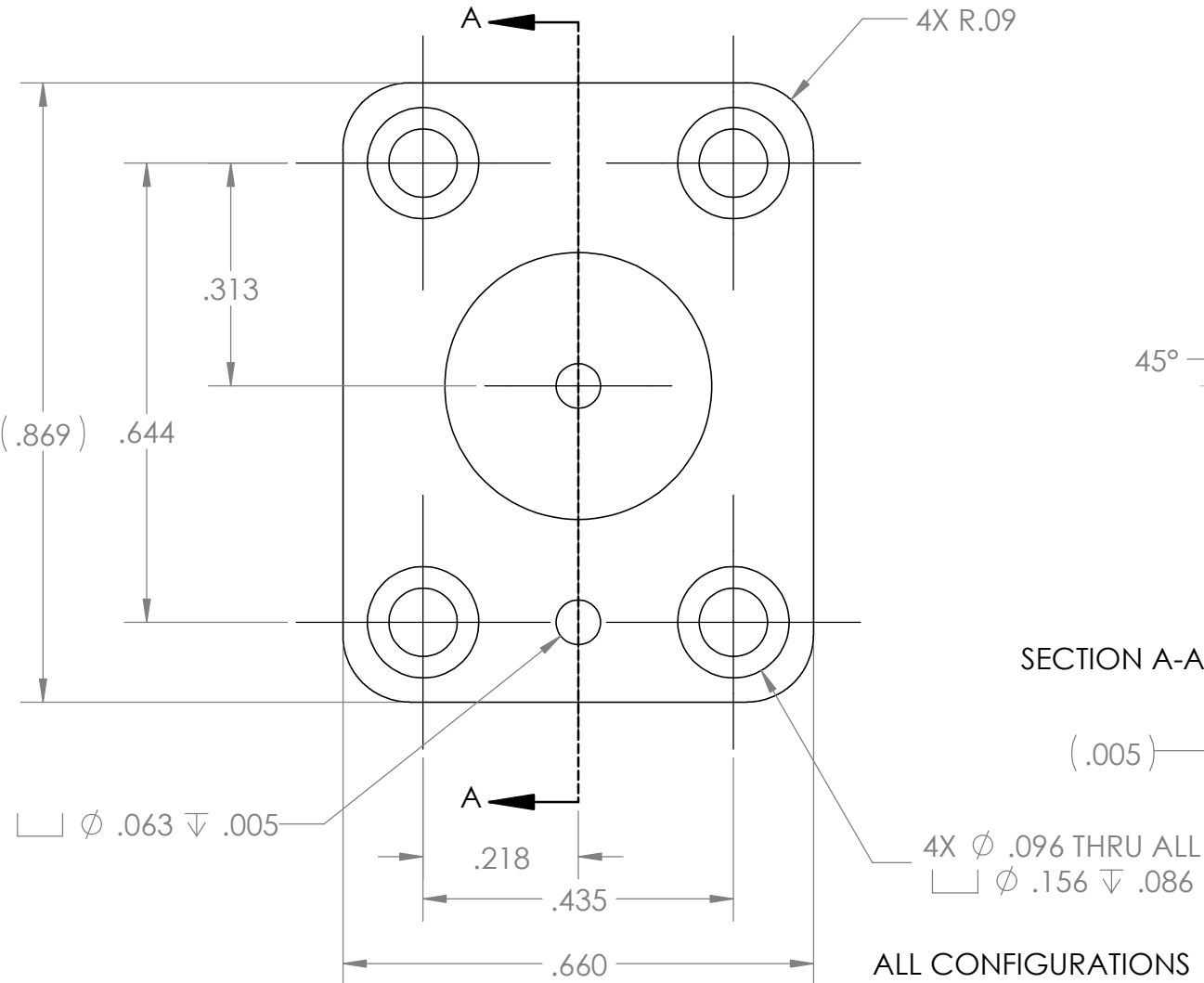


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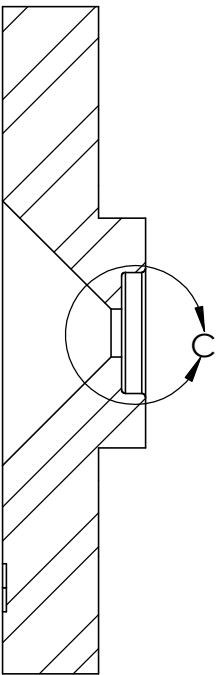
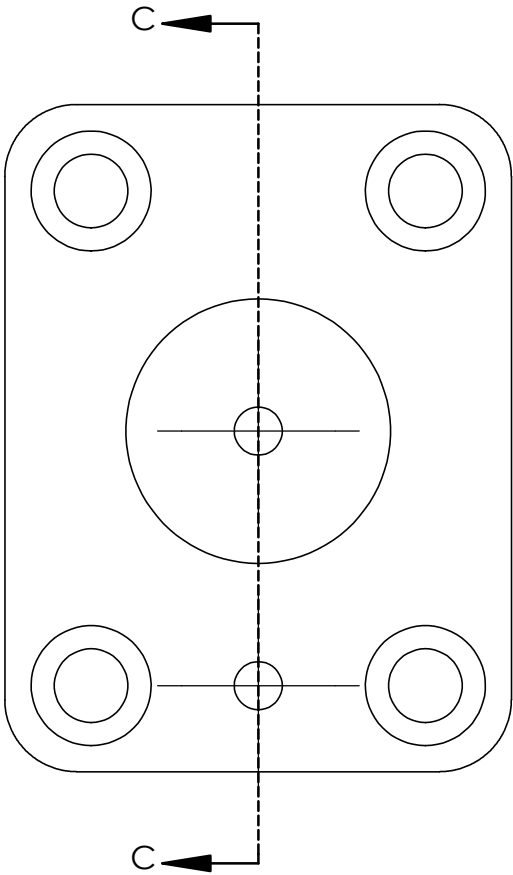
NOTES:
1) Mat'l: MIL-P-46183 PEEK, non filled OR
Ti, CP (6AL-4V OK)
2) Configuration are identical except for O-Ring
groove dimensions shown in detail A, B, C, D, E

BILL OF MATERIALS					
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS DATE
		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES			DRAWN Gene M.
		2. DIMENSION LIMITS HELD AFTER PLATING.			ENGINEER Gene M.
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			CHECKED
		4. MACHINED FILLET RADII .0150-.030.			PROJECT NO. 901217
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			PROJECT Chem Sensors
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			MAT'L
		DO NOT SCALE DRAWING			SIZE B DWG. NO. SCALE 4:1 CAD FILE: SHEET 1 OF 5
					REV. G

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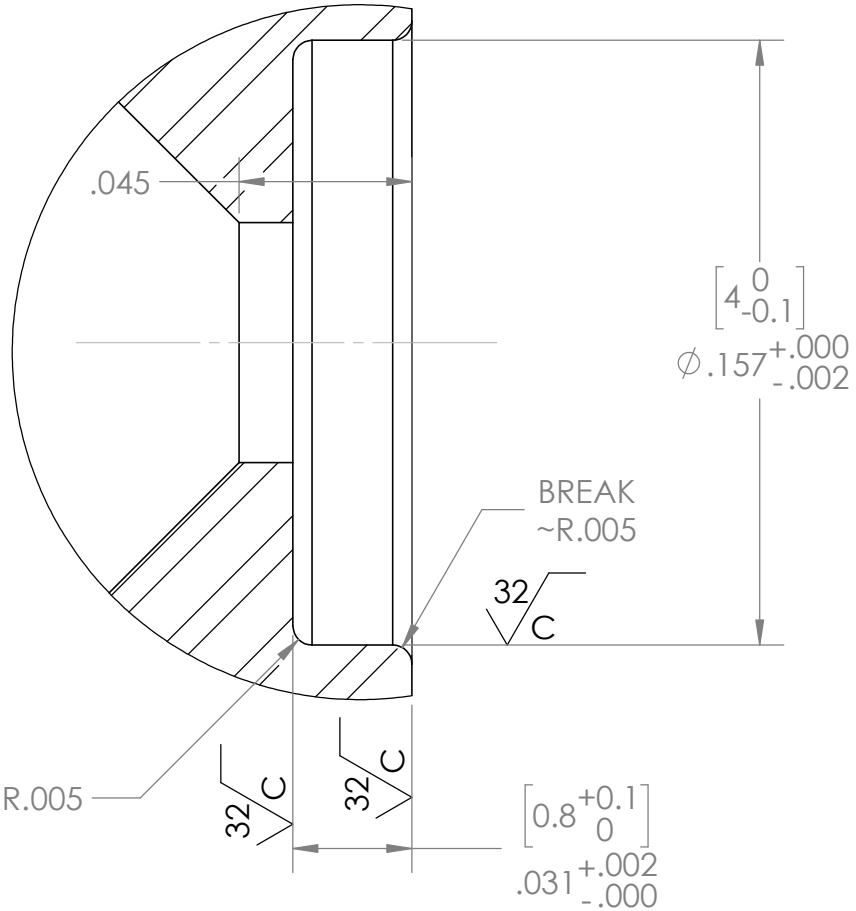
FRONT COVER PLATE,
0.020 CS O-RING

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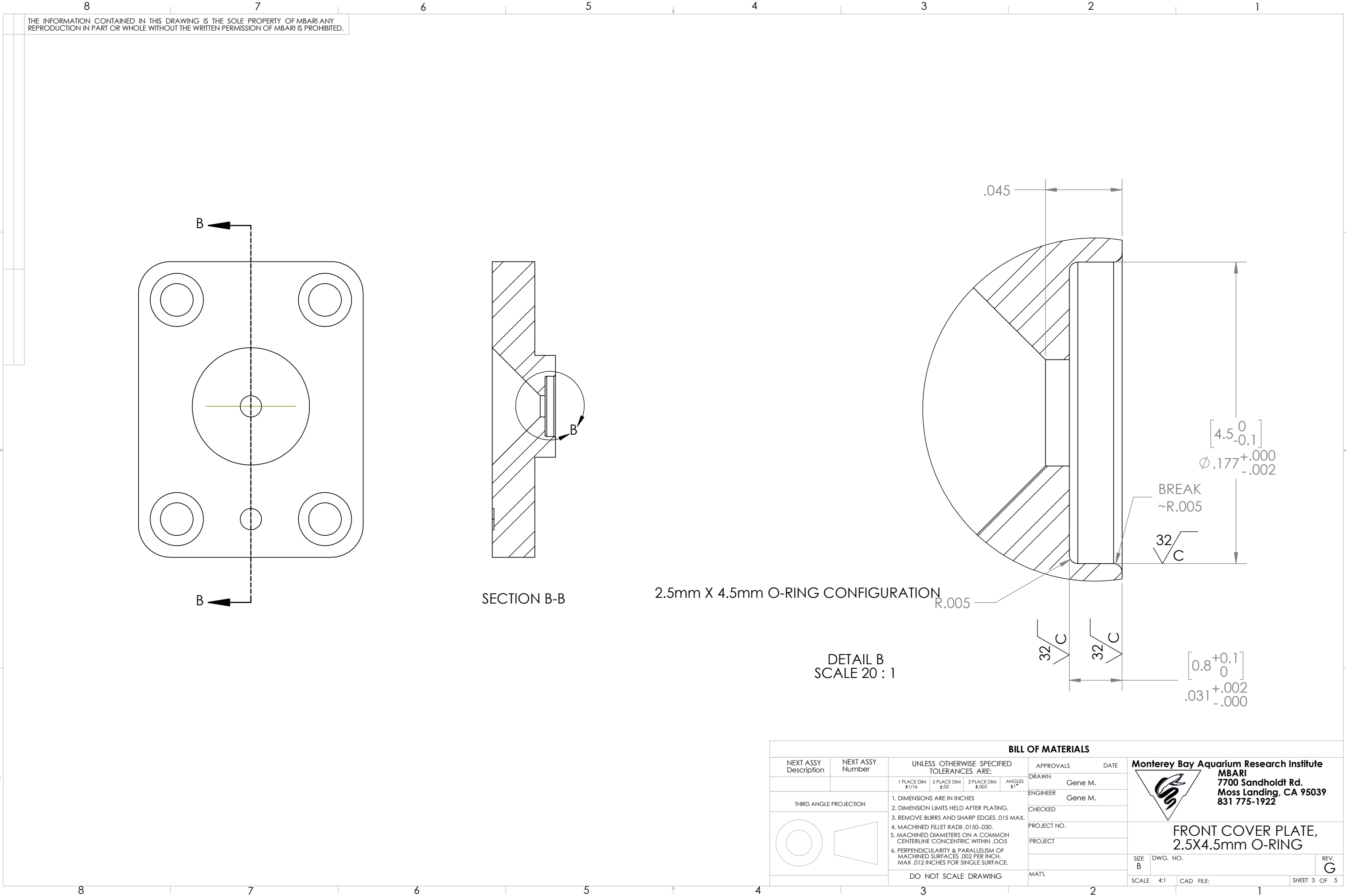
SECTION C-C

2mm X 4mm O-RING CONFIGURATION



DETAIL C
SCALE 20 : 1

BILL OF MATERIALS										
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.			
THIRD ANGLE PROJECTION	1. DIMENSIONS ARE IN INCHES				ENGINEER		Gene M.			
	2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED					
	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.		901206			
	4. MACHINED FILLET RADII .0150-.030.				PROJECT		Coastal Profiling Float			
	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.								FRONT COVER PLATE, 2X4mm O-RING	
	DO NOT SCALE DRAWING				MAT'L					
						SIZE B		DWG. NO.		REV. F
								1-20082015-901206		
						SCALE 4:1		CAD FILE:		SHEET 2 OF 5



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SECTION B-B

2.5mm X 4.5mm O-RING CONFIGURATION

DETAIL B
SCALE 20 : 1

BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.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	Gene M.		
						CHECKED			
						PROJECT NO.			
						PROJECT			
						MAT'L			
		DO NOT SCALE DRAWING				SIZE B		DWG. NO.	REV. G
						SCALE 4:1		CAD FILE:	SHEET 3 OF 5



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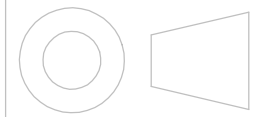
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FRONT COVER PLATE,

2.5X4.5mm O-RING

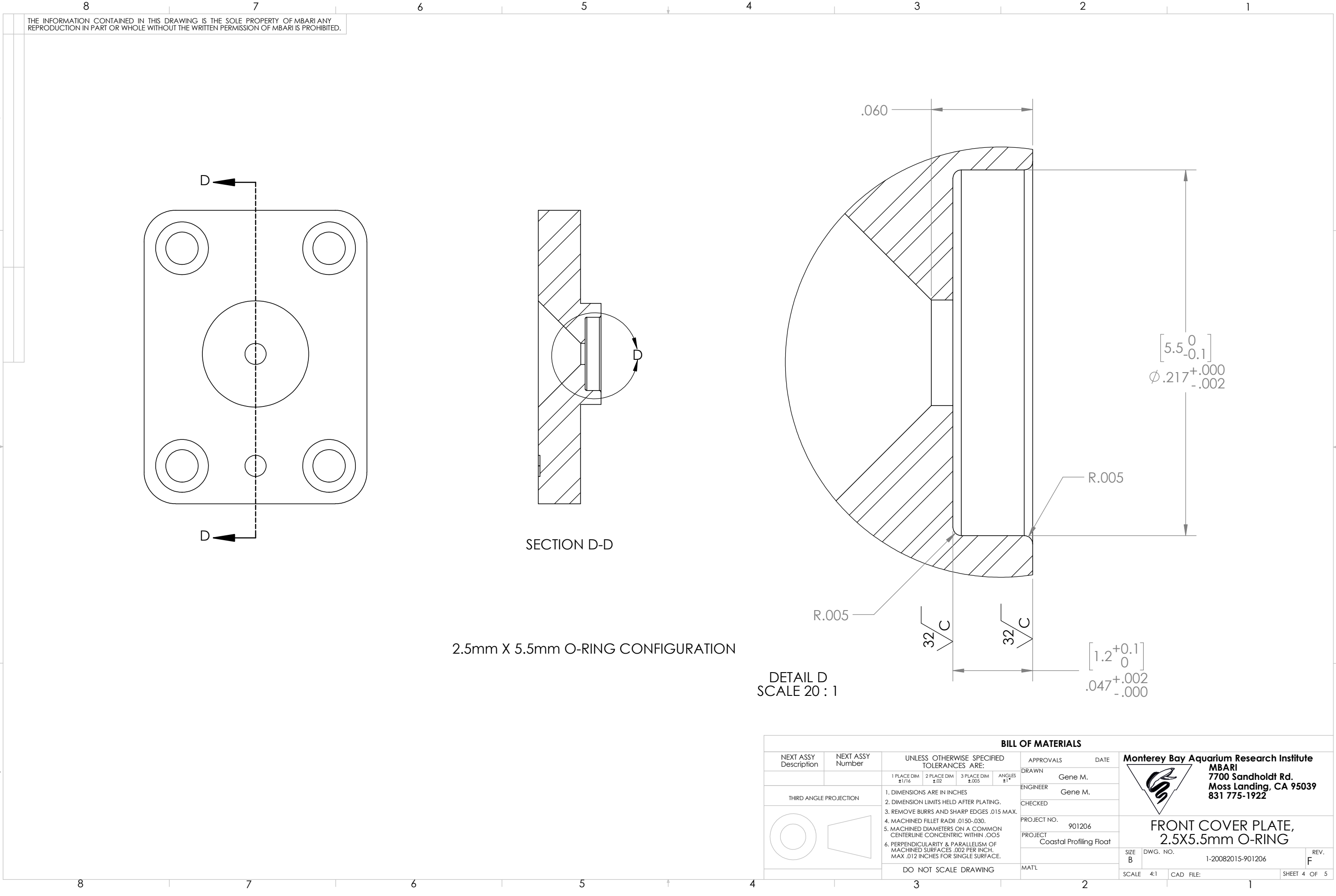


1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

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FRONT COVER PLATE,
2.5X4.5mm O-RING

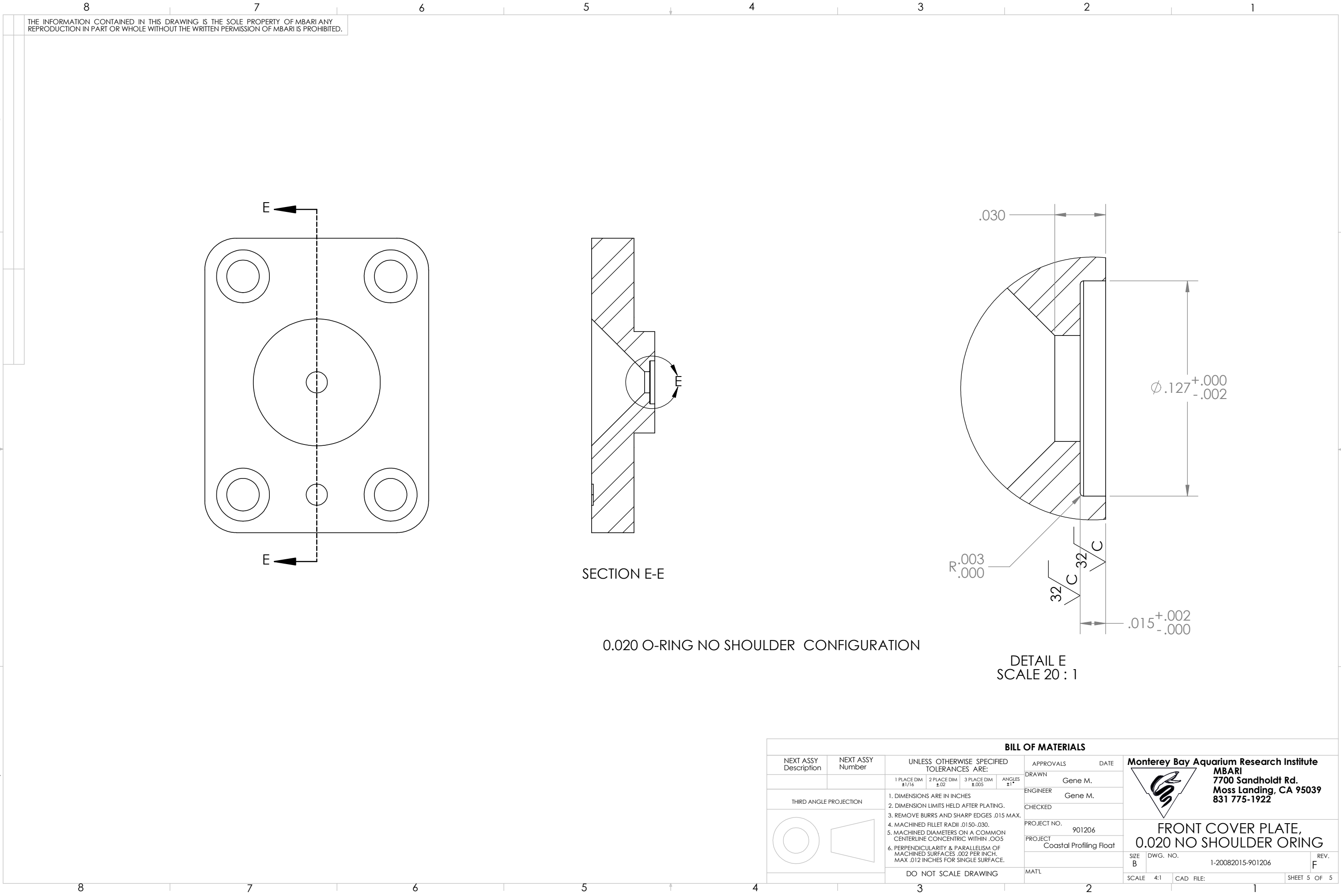


BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES				ENGINEER	Gene M.		
		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	901206		
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Coastal Profiling Float		
		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.							
		DO NOT SCALE DRAWING				MATL			
						SIZE B	DWG. NO.		REV.
							1-20082015-901206		F
						SCALE 4:1	CAD FILE:		SHEET 4 OF 5



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FRONT COVER PLATE,
2.5X5.5mm O-RING



BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES				ENGINEER	Gene M.		
		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	901206		
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Coastal Profiling Float		
		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.							
		DO NOT SCALE DRAWING				MATL			
						SIZE B		DWG. NO. 1-20082015-901206	
						SCALE 4:1		CAD FILE:	REV. F
						SHEET 5 OF 5			
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						FRONT COVER PLATE, 0.020 NO SHOULDER ORING			

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FRONT COVER PLATE,
0.020 NO SHOULDER ORING

THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	