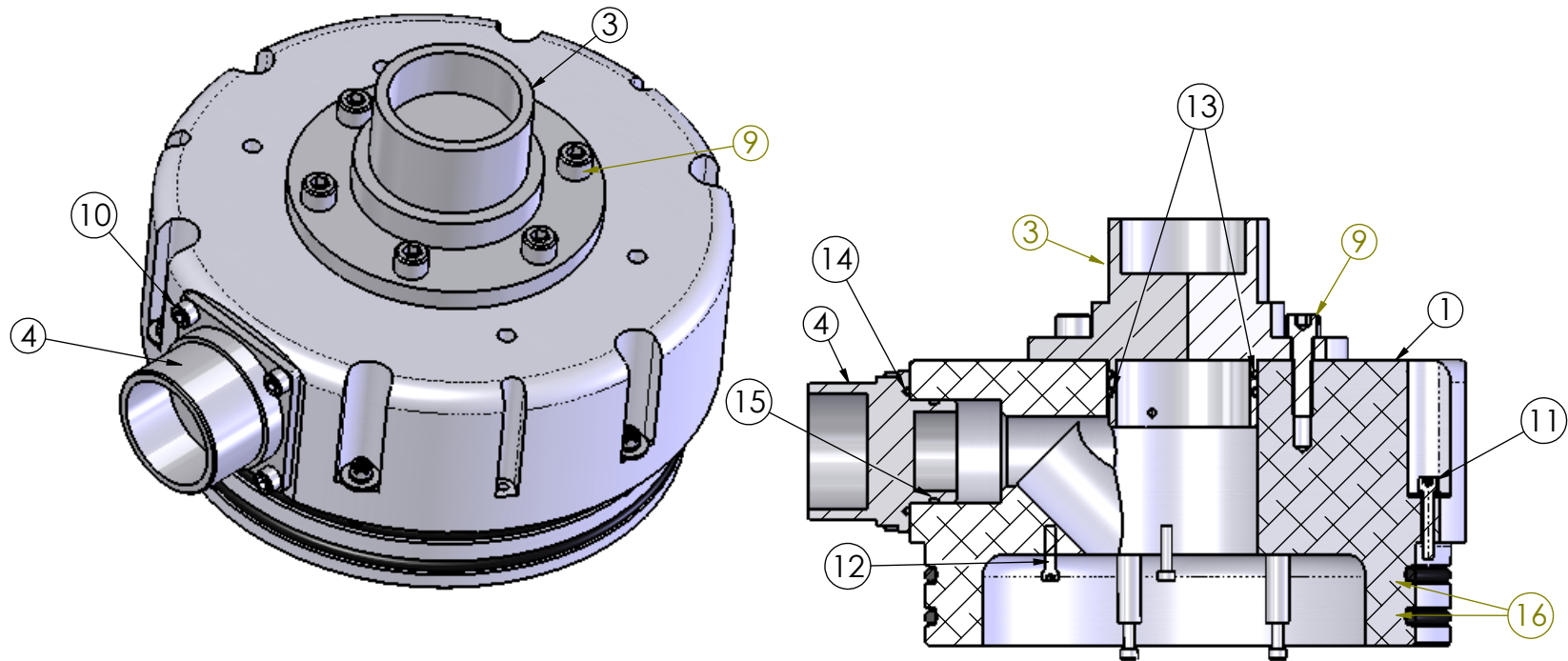


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Sectional View of Assembly

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CHANGED TOP CONNECTOR BORE AND DIAGONAL BORE DIAMETERS ON END CAP	27 MAY 10	TALKOVIC

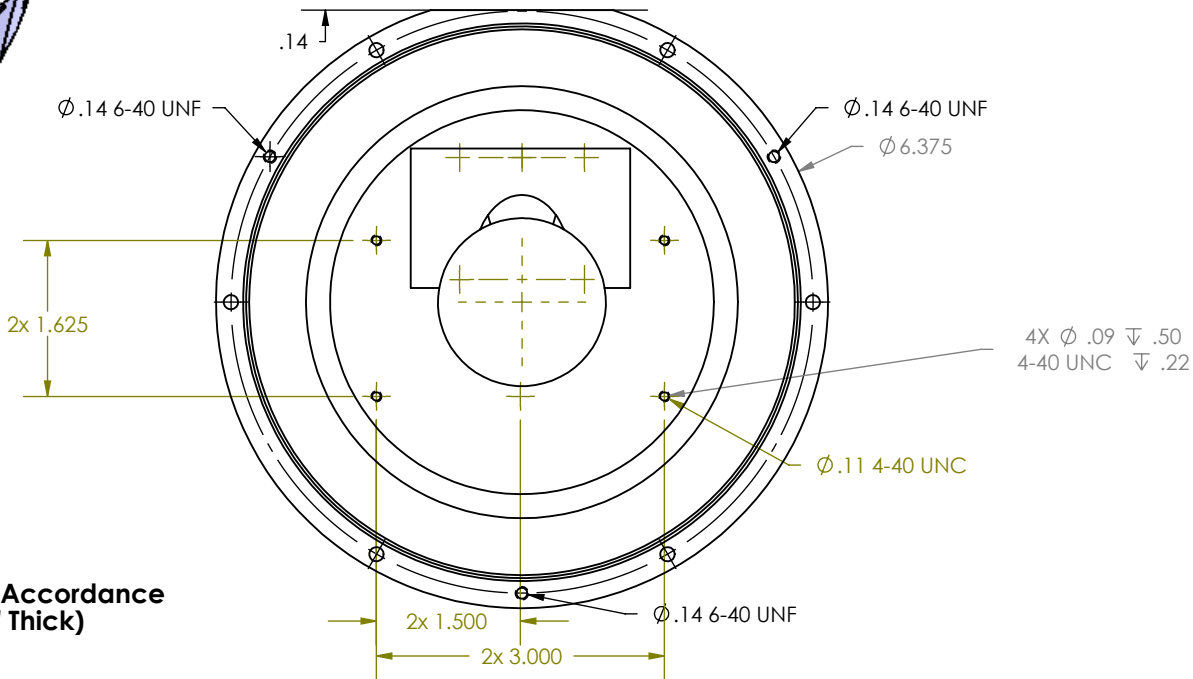
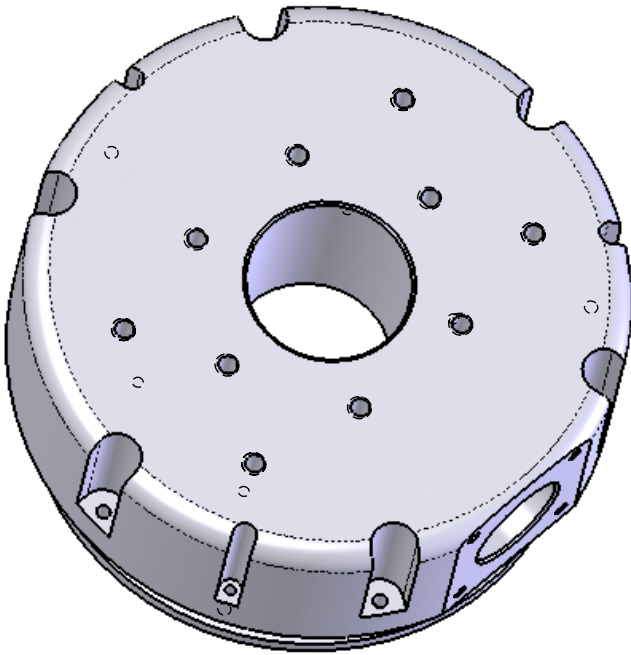
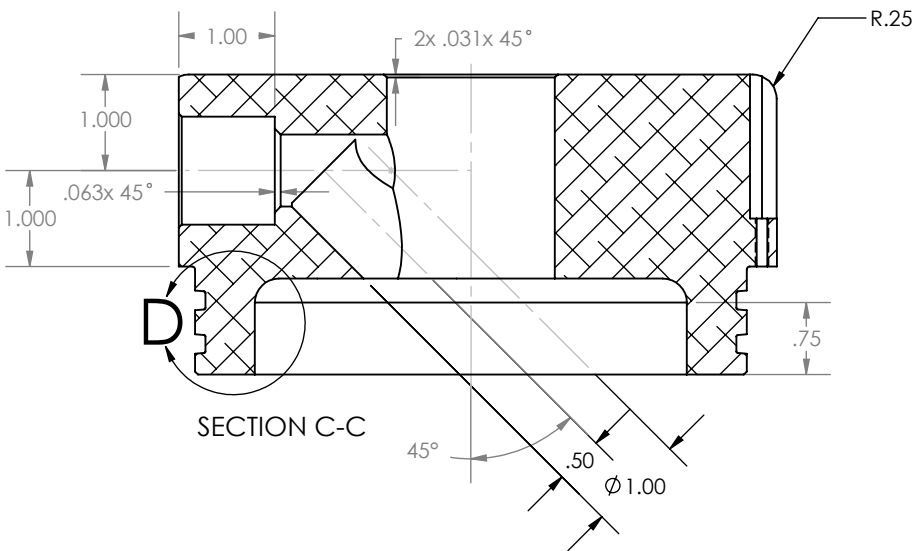
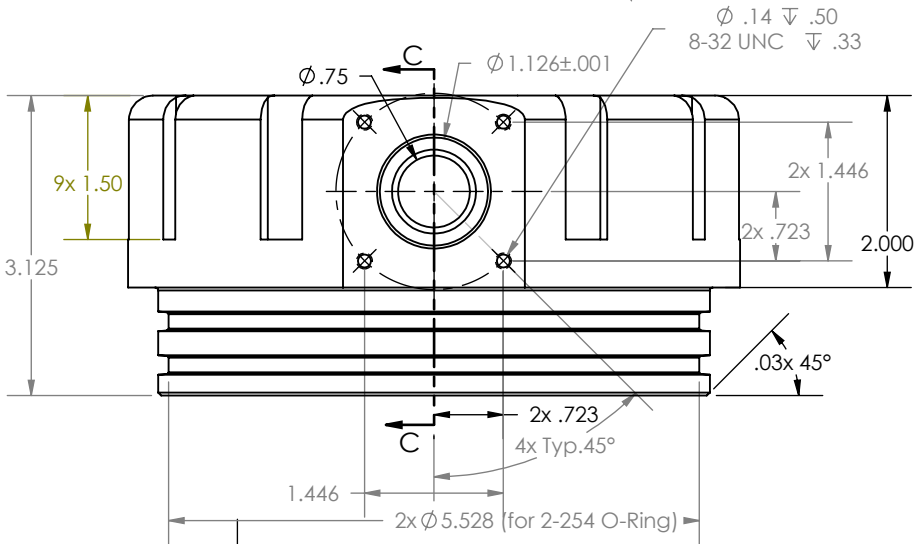
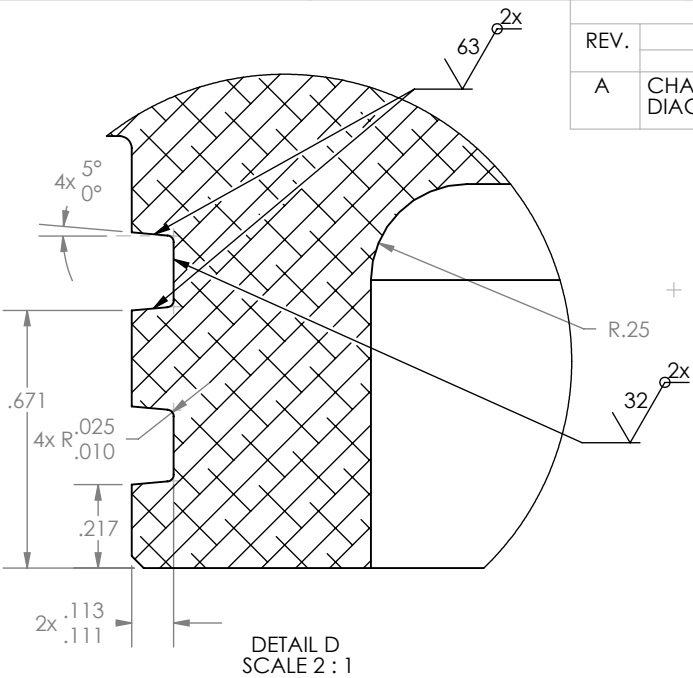
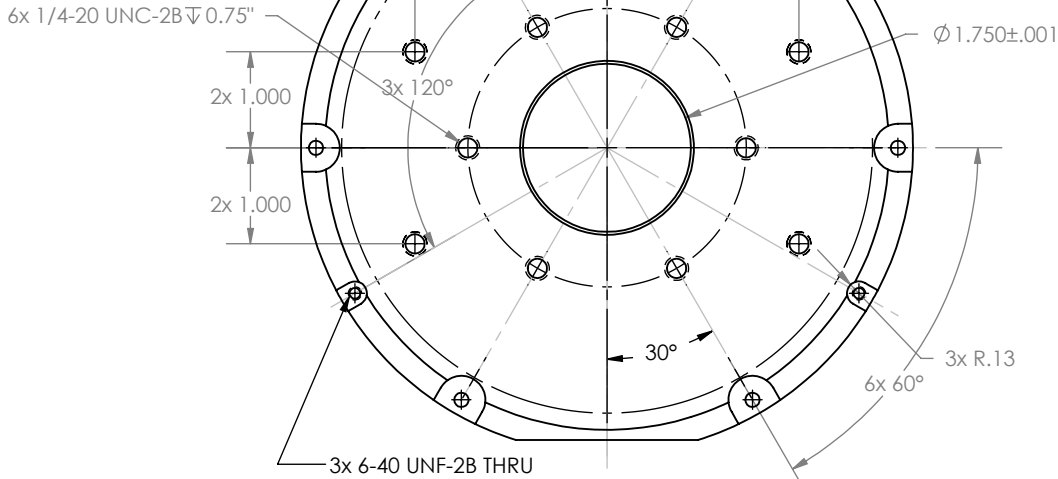
16	2 Ea.	O-ring, 2-254	Buna-N
15	1 Ea.	O-ring, 2-022	Buna-N
14	1 Ea.	O-ring, 2-026	Buna-N
13	2 Ea.	O-ring, 2-030	Buna-N
12	5 Ea.	SHCS, 4-40 UNC 2A x 0.5"	316 St. Stl.
11	6 Ea.	SHCS, 6-40 UNC 2A x .75"	316 St. Stl.
10	4 Ea.	SHCS, 8-32 UNC 2A x 0.5"	316 St. Stl.
9	6 Ea.	SHCS, 1/4-20 UNC 2A x 0.875"	316 St. Stl.

			PVC
4	1 Ea.	Connector, Seacon MinO-FCRL	Stainless Steel
3	1 Ea.	ODI 4-12 Way Bulkhead Penetrator	Stainless Steel
2	1 Ea.	Housing, 1000 meter working depth	6061 Al
1	1 Ea.	Cap, Connector	6061 Al

ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	
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.				
APPROVALS		DATE	Monterey Bay Aquarium Research Institute 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700 SIIM Housing Assembly 2010	
DRAWN		F. Shane 14Sep06		
ENGINEER		F. Shane 14Sep06		
CHECKED				
PROJECT NO.		900523	SIZE B DWG. NO. 1003257.DWG REV.	
PROJECT		MARS SIIM		
WEIGHT			SCALE NONE	CAD FILE: Project Library\MARS SIIM SHEET 1 OF 1

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REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	CHANGED TOP CONNECTOR BORE AND DIAGONAL BORE DIAMETERS	27 MAY 10	TALKOVIC



NOTE: 6. Finish: Hard Black Anodized in Accordance with MIL-A-8625F Type III (.001" Thick)

2					
1		1 Ea.		Connector Cap	
ITEM NO.		QTY		DESCRIPTION	
		PART NO.		MATERIAL SPECIFICATION	
BILL OF MATERIALS					
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	
1 PLACE DIM ±1/16				DATE	
2 PLACE DIM ±.02				DRAWN F. Shane 15Sep06	
3 PLACE DIM ±.005				ENGINEER F. Shane 15Sep06	
ANGLES ±1°				CHECKED	
1. DIMENSIONS ARE IN INCHES				PROJECT NO.	
2. DIMENSION LIMITS HELD AFTER PLATING.				900523	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT	
4. MACHINED FILLET RADII .0150-.030.				MARS SIIS	
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				SIZE B	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				DWG. NO.	
DO NOT SCALE DRAWING				1003255.DWG	
WEIGHT				REV.	
SCALE NONE				CADD FILE: Project Library\MARS SIIS	
SHEET 1				OF 1	

Monterey Bay Aquarium Research Institute

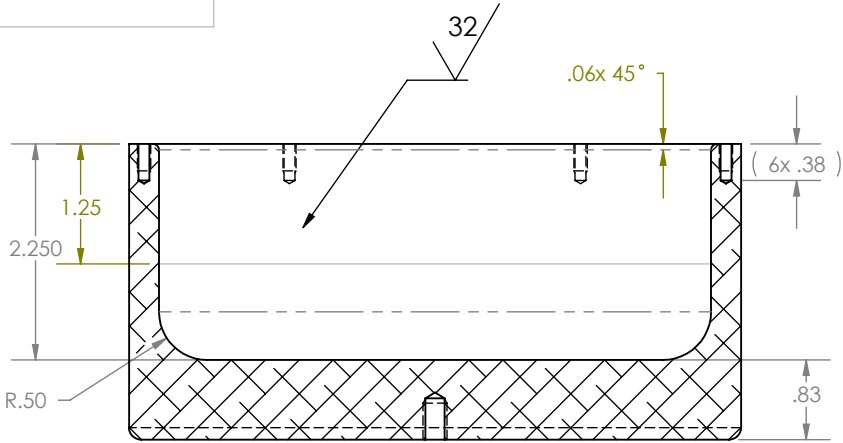
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (408) 775-1700



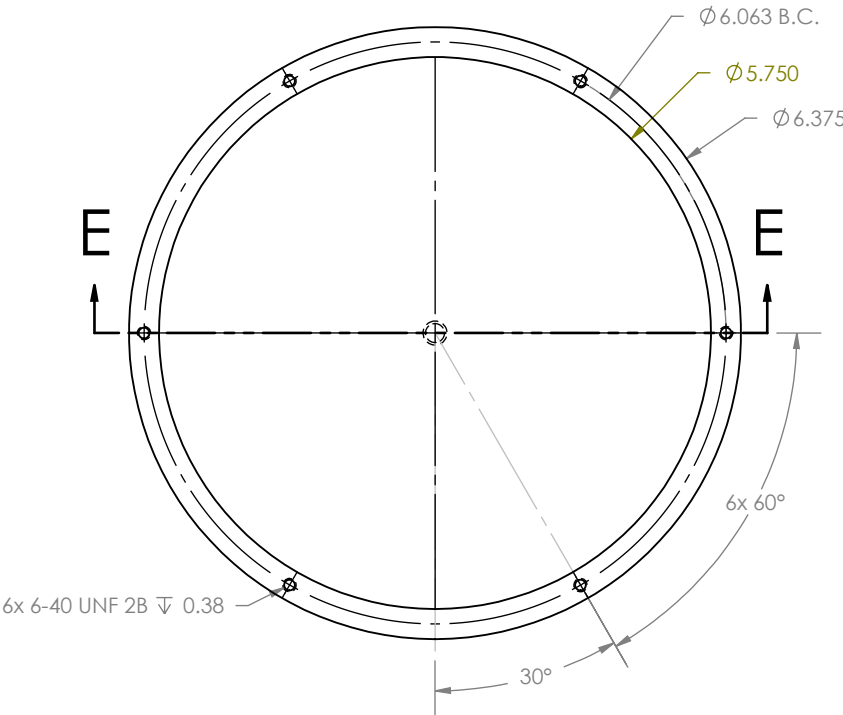
Tuna Can End Cap 2010

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

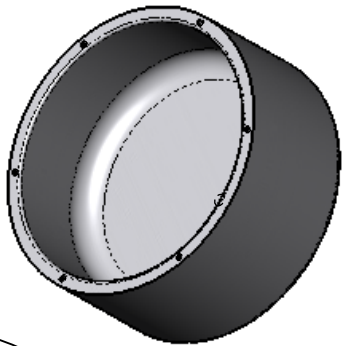
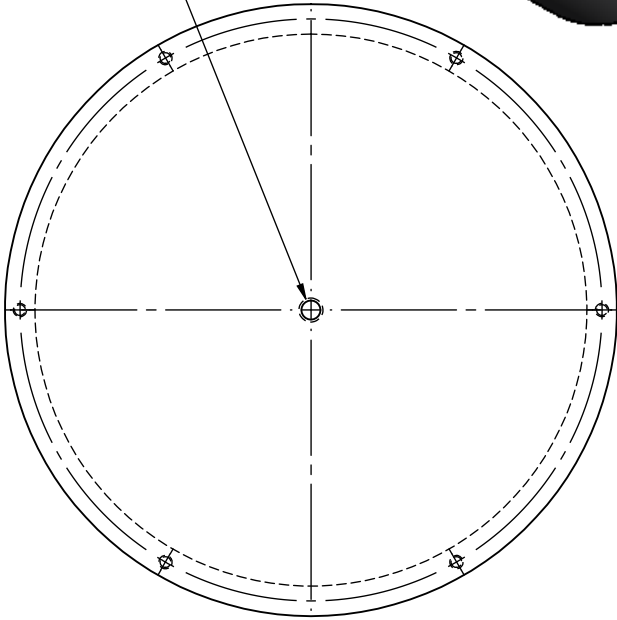
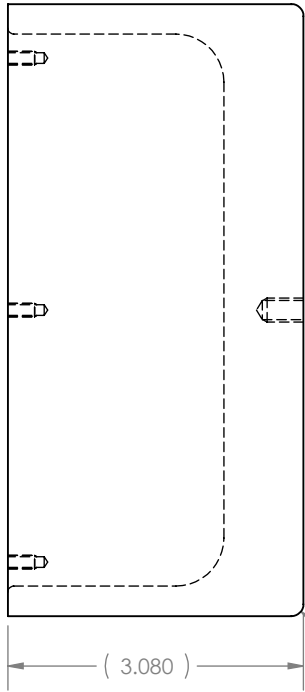
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



SECTION E-E



1/4-20 UNC-2B ∇ .38 Dp



NOTE: 6. Finish: Hard Black Anodized in Accordance with MIL-A-8625F Type III (.001" Thick)

2					
1	1 Ea.		1000 Meter Pressure Housing	6061 Al	
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION	
BILL OF MATERIALS					
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE	Monterey Bay Aquarium Research Institute M B A R I  7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700 MARS SIIM 1000 Meter Pressure Housing SIZE B DWG. NO. 1003256.DWG REV.
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DRAWN	F. Shane 15sep06	
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	F. Shane 15sep06	
			CHECKED		
			PROJECT NO.	900523	
			PROJECT	MARS SIIM	
DO NOT SCALE DRAWING			WEIGHT		
			SCALE	NONE	CAD FILE: Project Library\900523 MARS SIS
			SHEET 1 OF 1		