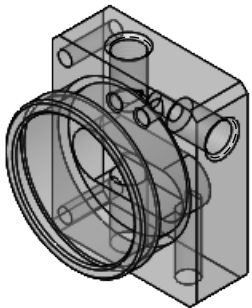


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REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	10/6/2014	
	B	CORRECTED 7/16" HOLE DIMS. CALLED OUT PUMP MOUNT HOLES, ADDED MATERIAL	04/07/2026	EN



7/16-20 UNC ∇ .50 THREAD
SAE-4 PORT

$\oplus$	.02	A	B	C
$\perp$	.01	A	B	C

2X ϕ .188 ∇ .300
 $\checkmark$ ϕ .228 X 90°, NEAR SIDE

$\oplus$	.02	A	B	C
$\perp$	.01	A	B	C

4 X .10@45°

$\oplus$	.014	A	B	C
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2 X ϕ .201 ∇ THRU
$\oplus$.014 (M) A B C

7/16-20 UNC-2B ∇ 1.00 FULL THEREAD

$\oplus$	.03	A	B	C
$\perp$	.01	A	B	C

1. MATERIAL IS CAST ACRYLIC

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM $\pm$ 1/16	2 PLACE DIM $\pm$.02	3 PLACE DIM $\pm$.005	ANGLES $\pm$ 1°	DRAWN	C OKUDA 10/6/2014	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 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	C OKUDA 10/6/2014			
Engineer						CHECKED				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	9001202	NF10 BRUSHLESS MOCAP HOUSING		
						PROJECT	RESPIROMETER UPGRADE			
						WEIGHT		SIZE B	DWG. NO. 10021133DWG	REV.
Application		DO NOT SCALE DRAWING						SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1