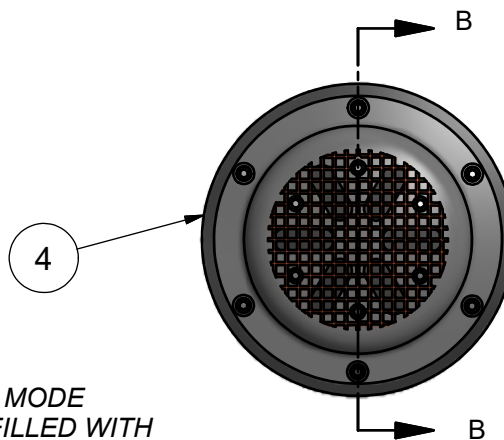
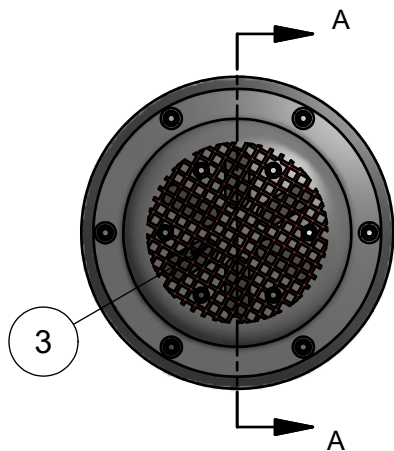


NOTES:
1) USE LOCTITE BLUE 242 THREAD LOCKER ON ALL METAL THREADED INTERFACES EXCEPT COMPRESSION (TUBE) SIDE OF YOR-LOC CONNECTORS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BD-ASY-0354-0001	HOUSING, BLADDER, 75 CU IN DISP, DIAPHRAM
2	1	BD-ASY-0354-0002	CAP, BLADDER,DIAPHRAM
3	1	BD-ASY-0354-0003	COPPER MESH, BLADDER, 75 CU IN DISP, DIAPHRAM
4	1	F-450-275	TYPE F DIAPHRAM, 4.5 X2.75 HT, NITRILE
5	1	MMC-5182K861	YOR LOK, 1/8 TUBE X 5/16 - 24 UNF, SS
6	12	MMC-90107A011	WASHER, FLAT, #10
7	6	MMC-91841A011	NUT, 10-24 X 1/8 HT, SS
8	6	MMC-92146A550	WASHER, SPLIT LOCK, #10, SS
9	6	MMC-92185A969	SHCS, 10-32 X 7/16, SS
10	6	MMC-92185A992	SHCS, 10-32 X 1, SS



DIVE MODE
VOLUME FILLED WITH
SEAWATER UP TO
400 PSI
FROM SLOT
PORTS

SURFACE MODE
VOLUME INFLATED WITH
MINERAL OIL
FROM LOWER
PORT


SECTION A-A
SCALE .25

SECTION B-B
SCALE .25

REVISION HISTORY			
REV	DATE	DESCRIPTION	APPROVED
A	8/27/2020	INITIAL RELEASE	JP
B	10/2/2020	MODIFIED DESIGN FOR COTS DIAPHRAM	JP

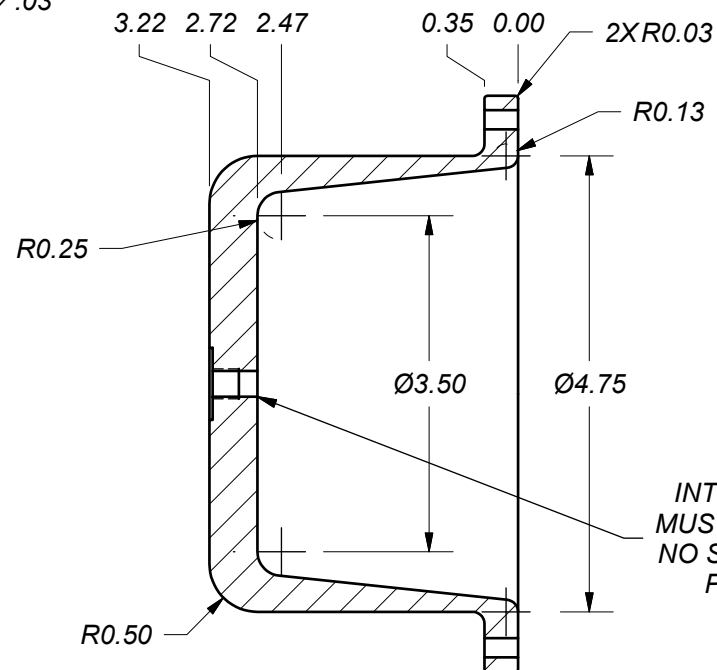
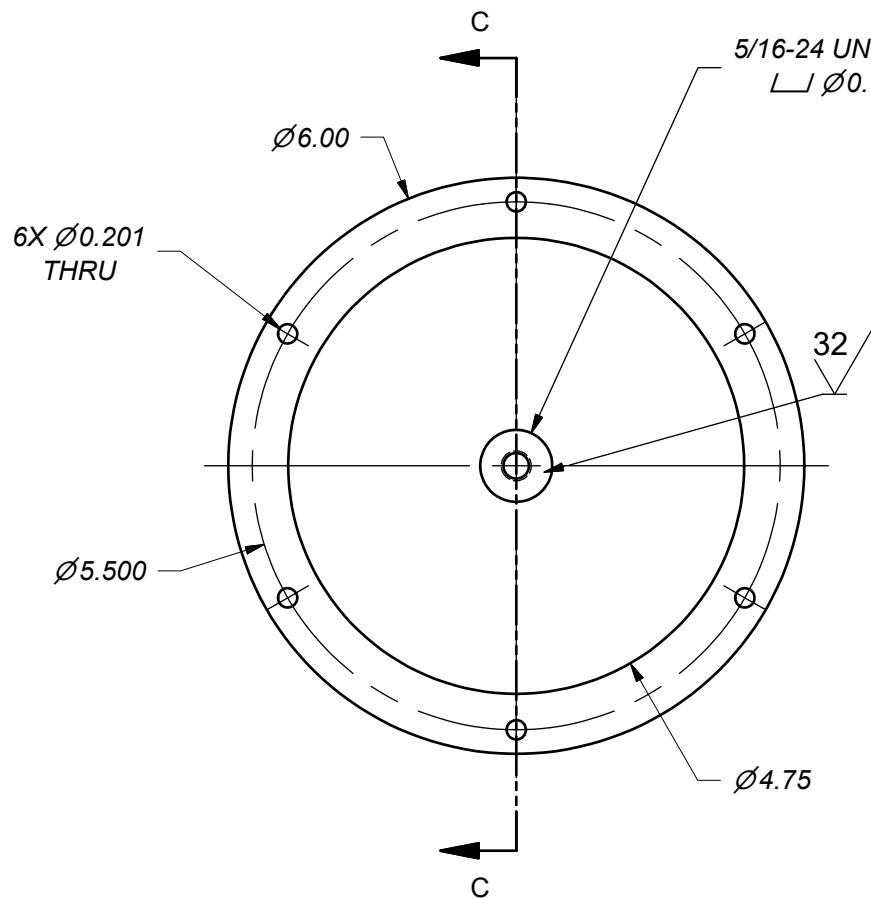
UNLESS OTHERWISE NOTED:
DIMENSIONS IN INCHES
TOLERANCES:
DECIMAL .xx ± 0.01
.xxx ± 0.005
ANGULAR ± 1 deg
BREAK ALL SHARP EDGES R0.02 MIN
SCALE
NOT TO SCALE

DESIGN	DATE
J PAULUS	8/27/2020
DRAFT	
J PAULUS	8/27/2020
APPROVED BY	
MATERIAL	

			
TITLE			
HOUSING, BLADDER, 75 CU IN DISP, DIAPHRAM			
SIZE A	DWG NO	REV B	
	BD-ASY-0354-0000		
PHONE	781-583-1984	SHEET 1 OF 4	

NOTES:

1) BREAK ALL SHARP EDGES R 0.02



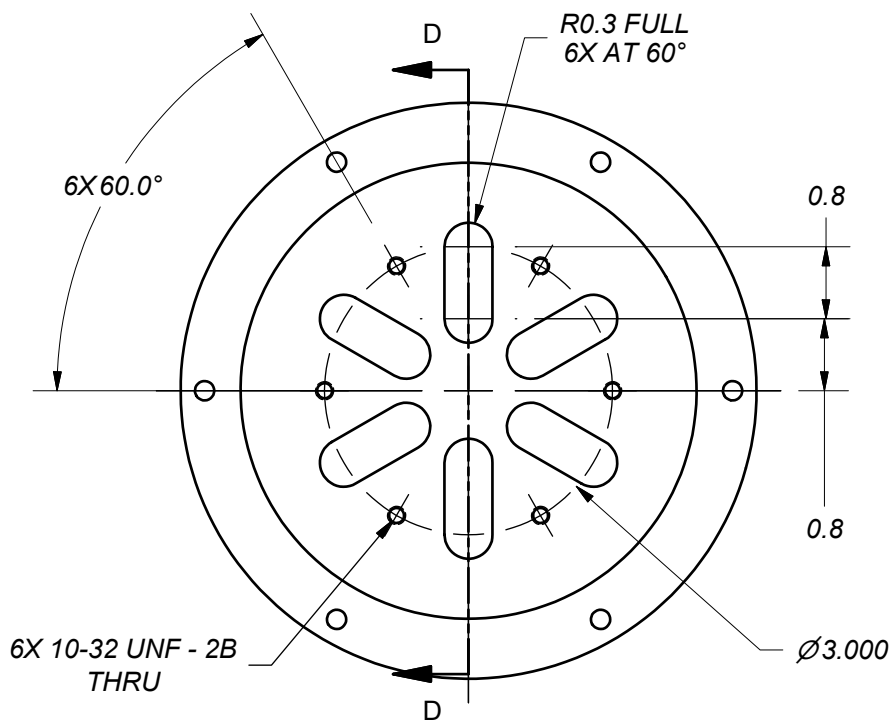
SECTION C-C
SCALE .5

PART NO. **BD-ASY-0354-0001**
HOUSING, BLADDER, 75 CU IN DISP, DIAPHRAM
MATERIAL: ACETAL COPOLMER

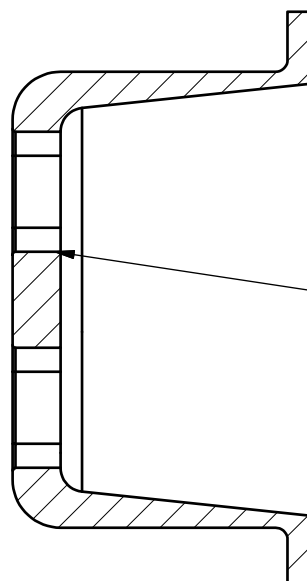
SIZE	DWG NO	REV
A	BD-ASY-0354-0000	B
SCALE	SHEET 2 OF 4	

NOTES:

- 1) BREAK ALL SHARP EDGES R 0.02
- 2) ALL OTHER DIMENSIONS EQUIVALENT TO BD-ASY-0354-0001, SEE SHEET 2.

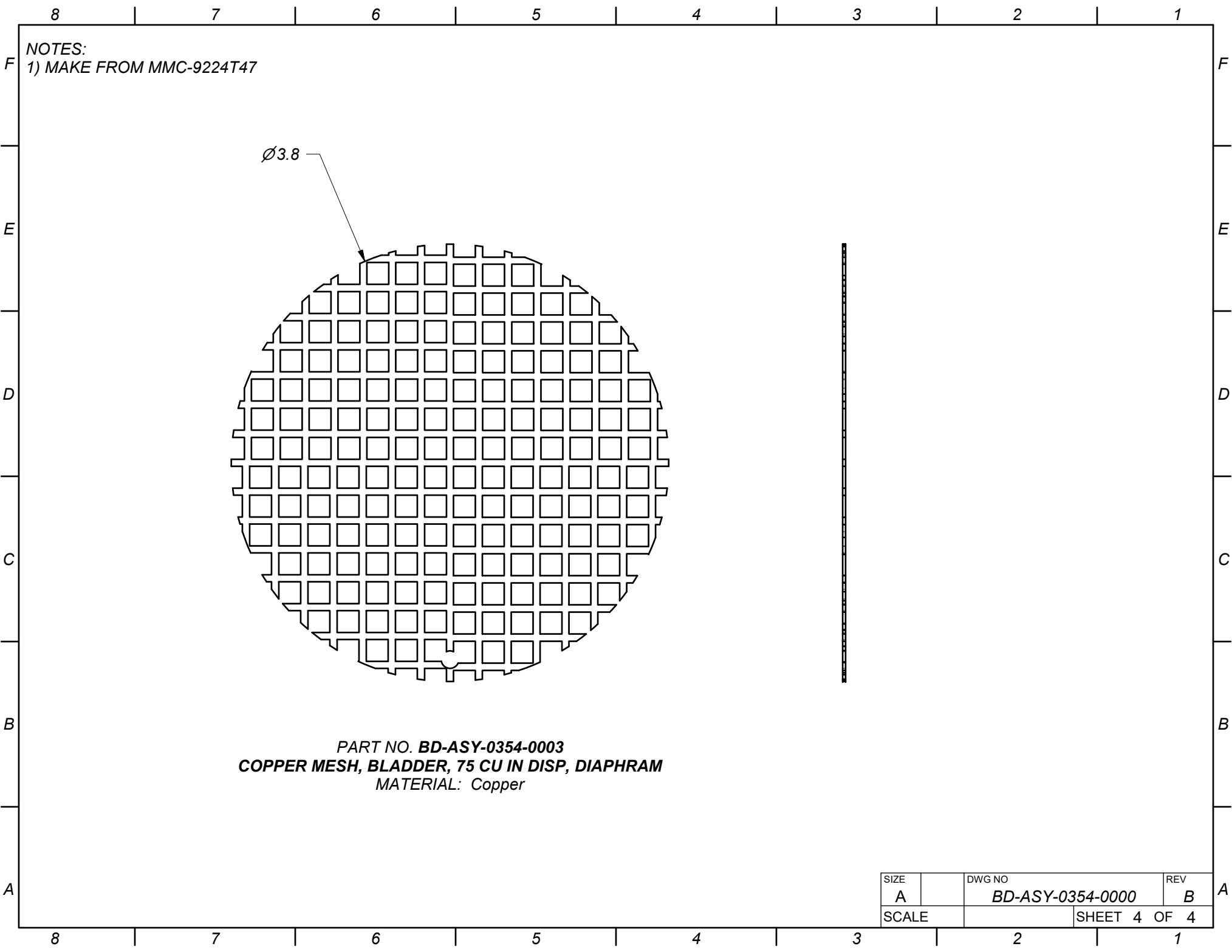


PART NO. **BD-ASY-0354-0002**
CAP, BLADDER, DIAPHRAM
 MATERIAL: Acetal Resin, Black



SECTION D-D
SCALE .5

SIZE	DWG NO	REV
A	BD-ASY-0354-0000	B
SCALE	SHEET 3 OF 4	



NOTES:
1) MAKE FROM MMC-9224T47

PART NO. **BD-ASY-0354-0003**
COPPER MESH, BLADDER, 75 CU IN DISP, DIAPHRAM
MATERIAL: *Copper*

SIZE	DWG NO		REV
A	BD-ASY-0354-0000		B
SCALE	SHEET 4 OF 4		