

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.

Modem
Part Number:____
Serial number:____

Assembly
Built date:____
Assembled by:____

D

D

C

C

B

B

A

A

Attach label SNxxx xx/xx/xxxx
Should be same as SN of -AS2 assembly

Attach label SNxxx xx/xx/xxxx
Should be same as SN of -AS2 assembly

Transducer Connector

Power Connector

4-40 x 1-1/2 SS stud
with blue locite 2x

Assembly
Datum

6-32x3/8 Socket Head
4 in-lb 2x

RS-232 connector

6-32 Nylon Insert
Lock Nut
4 in-lb 2x

Press PEM studs 7000 lb 4x

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10020895-011_Base-Plate		1
2	Bentos-ATM-885PCB-BoardSet		1
3	10020895-014_Modem-Bracket		2
4	PEM FHS-632-10 ---N		4
5	Nut-NylonLock-6-32[22] #6 -32		6
6	Stud-4-40x1.250-McMaster-95412A360		2
7	ScrewFlatHeadPhillips-6-32x0.500[3c] #6 -32 UNC x 1/2		2
8	ScrewSocketHeadCap-6-32x0.375		2
9	ClampCable-0.187-PN7622K-ND		1

Shop / G.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	CONCEPT DESIGN DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector	1 PLACE DIM ±.1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1°	D. Graves 08/2012		
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.	INITIAL RELEASE DATE Klimov 02/08/2013	DRAWING NAME and FILE NAME 10020895-AS5_Modem-Plate-Assembly	
Engineer		LAST REVISION DATE Klimov 11/25/2013		
NEXT ASSY Description		CHECKED DATE xx xx/xx/xxxx	SIZE DWG. NO. B 10020895-AS5	
Application	DO NOT SCALE DRAWING	PROJECT NO. 901006		
		PROJECT NAME BEDS	SCALE 1:1.2	REV. SHEET 1 OF 1