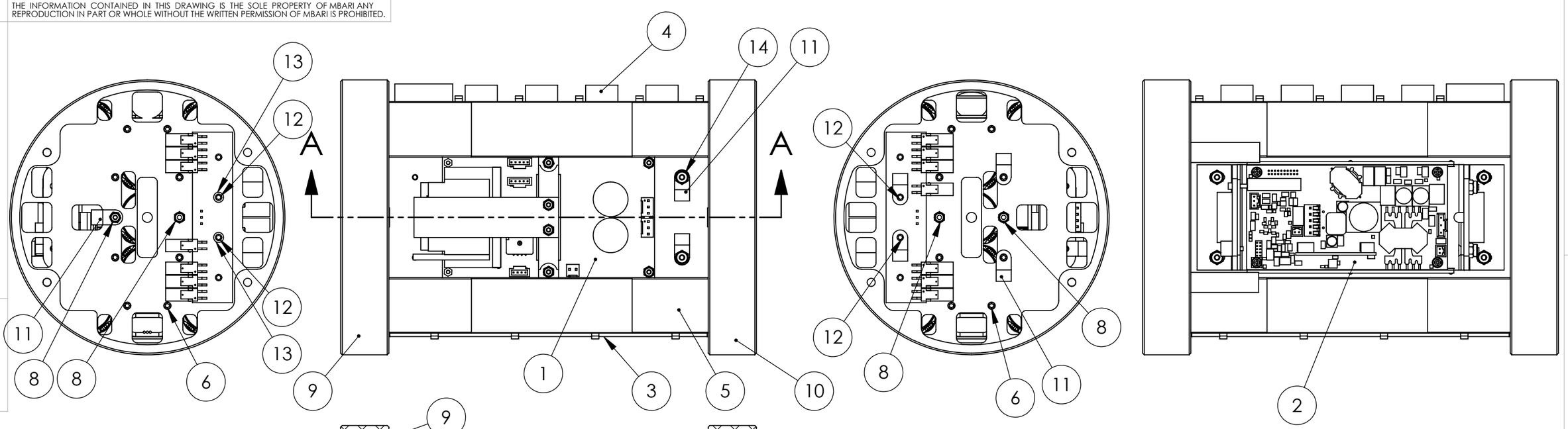
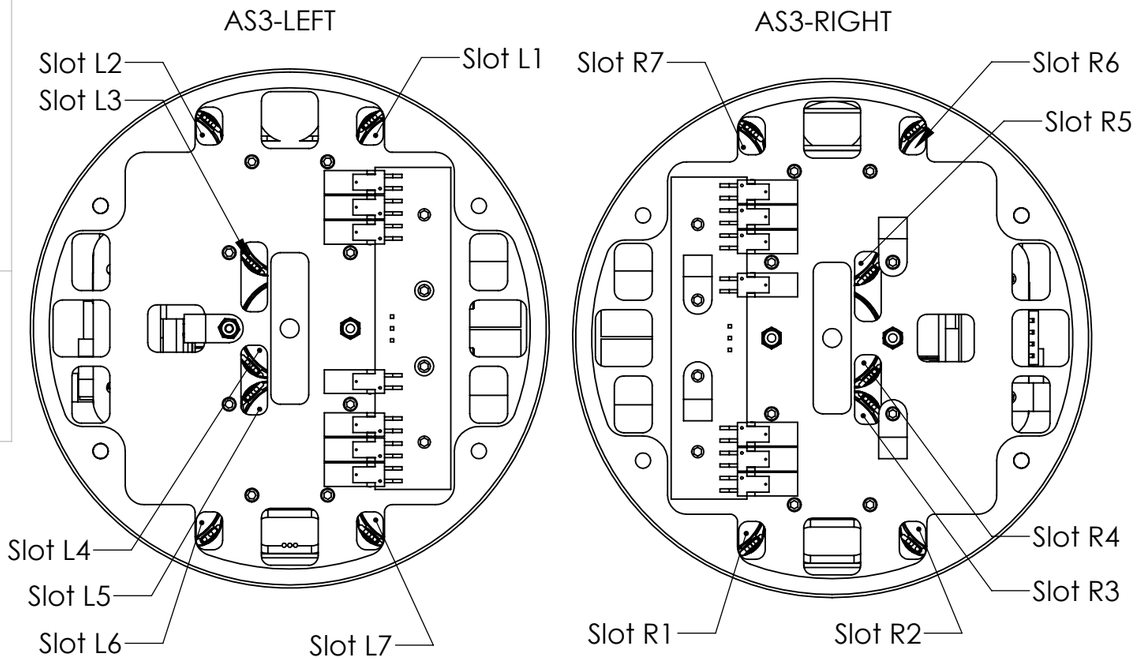


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10020895-AS4_MotherBoard-Plate-Assembly		1
2	10020895-AS5_Modem-Plate-Assembly		1
3	10020895-AS6_Homer-Battery-Plate-Assembly		1
4	10020895-AS7_Homer-PCB-Plate-Assembly		1
5	10020895-BSA1_BatteryStickAssembly		7
6	ScrewSocketHeadCap-4-40x0.750		16
7	Socket-Deep-0.375xDrive0.250		2
8	Nut-NylonLock-4-40		4
9	10020895-AS3L_Battery-End-Cap-Assembly		1
10	10020895-AS3R_Battery-End-Cap-Assembly		1
11	ClampCable-0.187-PN7622K-ND		7
12	ScrewSocketHeadCap-4-40x0.375		4
13	Washer-#4x0.062		2
14	Nut-NylonLock-6-32		2

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	CONCEPT DESIGN DATE: D. Graves 08/2012	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°	INITIAL RELEASE DATE: Klimov 02/08/2013	
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX.	LAST REVISION DATE: Klimov 04/03/2013	
Engineer	4. MACHINED FILLET RADII .010-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005	CHECKED DATE: xx xx/xx/xxxx	DRAWING NAME and FILE NAME: 10020895-AS2_Electropack-Assembly
NEXT ASSY Description	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.	PROJECT NO.: 901006	SIZE B · DWG. NO. 10020895-AS2 · REV.
Application	DO NOT SCALE DRAWING	PROJECT NAME: BEDS	SCALE 1:2.5 · SHEET 1 OF 2

Battery Slot Allocation and Recording



Slot #	Model	Part#	Voltage	Batch#	SN#	Conn
Slot L1						
Slot L2						
Slot L3						
Slot L4						
Slot L5						
Slot L6						
Slot L7						
Slot R7						
Slot R6						
Slot R5						
Slot R4						
Slot R3						
Slot R2						
Slot R1						

Battery Sticks Recording Sequence
1. Verify all Battery Sticks have the same model and part#; write down
2. Check voltage on each side of stick, if both within specs, write down
3. Mark stick sides with Lx and Rx numbers respectively
4. Write down batch number and Serial Number of cells into table

Assembly Sequence
1. Mark one of -AS3 Assemblies as "-AS3 LEFT", other as "-AS3 RIGHT"
2. Install assemblies -AS4, 5, 6, 7 into -AS3 LEFT, fix with 4-40 Nylon Insert Nuts over 4-40 studs, 6 in-lb 2x
3. Position -AS3 LEFT Assembly on BEDS Stand Pipe
4. Populate with battery sticks, positioning to corresponding "Slot Lx" battery slots
5. Make sure Batery Sticks oriented at 45 deg so output harnesses pass -AS3 LEFT Assembly without interference
6. Install -AS3 Right Assembly and fix with with 4-40 Nylon Insert Nuts over 4-40 studs; 6 in-lb; 2x
7. Plug Battery Stick connectors into corresponding connectors J1...J7 on BCB board according to slot number
8. Verify voltage on Test Points and record:

Voltage on -AS3 LEFT:
Voltage on -AS3 Right:
Built Date:
Built by:

Shop / Q.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°	INITIAL RELEASE / DATE	
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING.	LAST REVISION / DATE	
Engineer	3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.	CHECKED / DATE	DRAWING NAME and FILE NAME 10020895-AS2_Electropack-Assembly
NEXT ASSY Description	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.	PROJECT NO.	SIZE B · DWG. NO. ref sheet 1 · REV.
Application	DO NOT SCALE DRAWING	PROJECT NAME	SCALE 1:2 · SHEET 2 OF 2

ref sheet 1 / ref sheet 1 / ref sheet 1 / ref sheet 1 / ref sheet 1 / ref sheet 1 / ref sheet 1