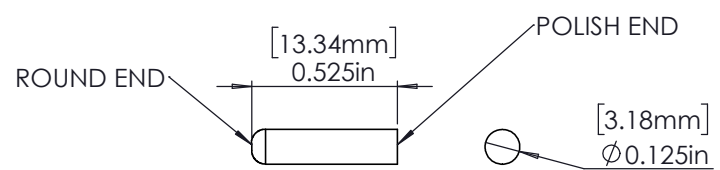
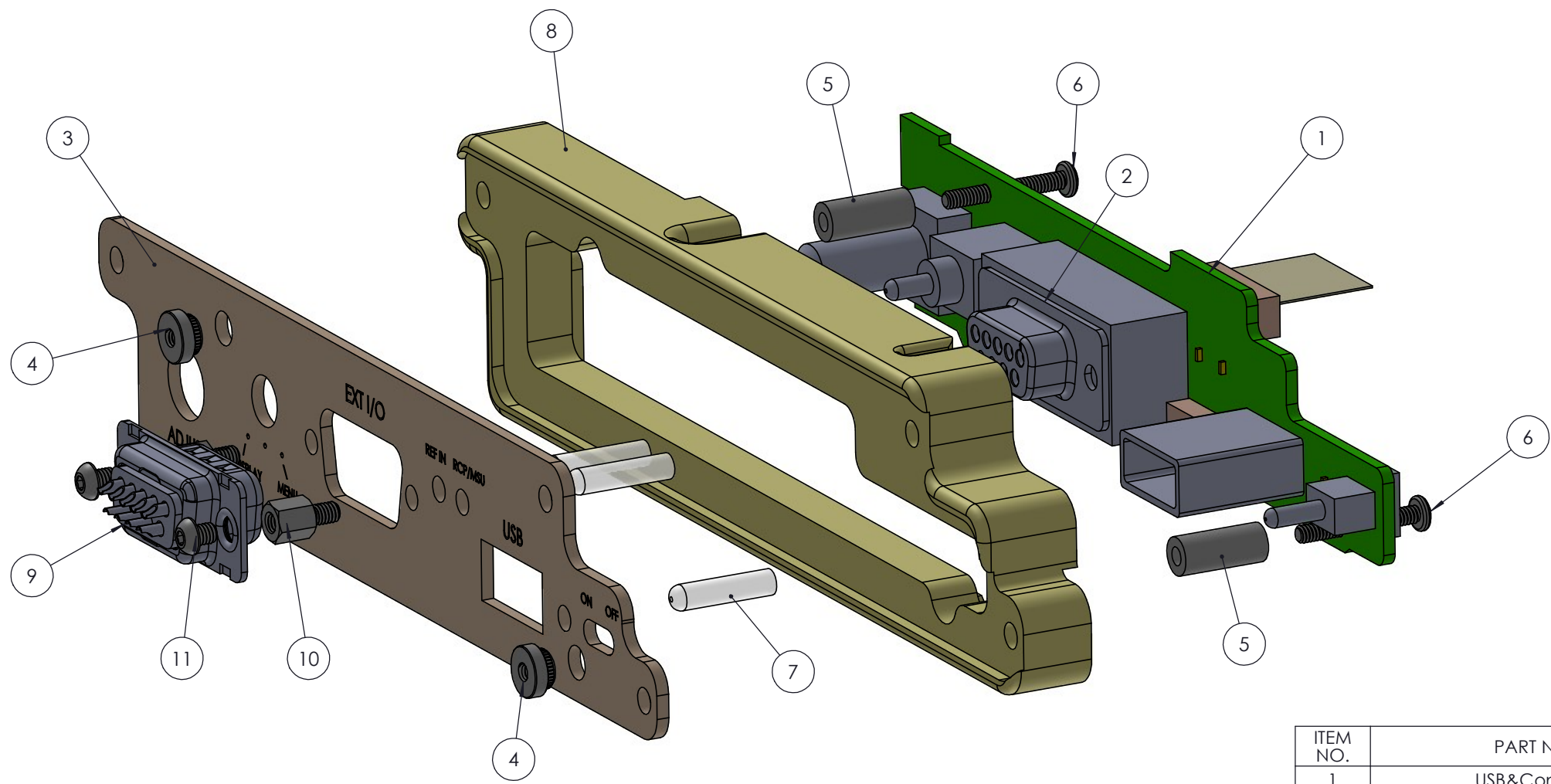


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	



ACRYLIC ROD FABRICATION DETAIL

NOTE 2. BOND ITEM #7, ACRYLIC ROD, INTO ITEM#1 USB&ControlPanel TO CHANNEL LED INDICATORS ON PCB TO PANEL.

NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment
\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-32-A_USB&ControlPanelAssembly.SLDASM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	USB&ControlPanel	Sony camera part	1
2	DB9_Female_c-5-747905-5-y-3d	Sony camera part	1
3	100221414-35-A_LeftSideChassisSubPanel	MBARI left side chassis sub-panel	1
4	95185A107	#2-56_PEM_Nut	2
5	92510A697	#2x0.4375_0.1875Dia_AlumUnthreadedSpacer	2
6	91735A025	#2-56x0.625_316_PanHead	2
7	AcrylicRod_0.125Dia_8531K11_Modified	Modified stock acrylic rod	3
8	100221414-31-A_SubPanelSupport	MBARI sub-panel support	1
9	DB9_Male_sdep09p065txlf_c	see electrical design	1
10	93655A090	M2.5-0.45x5mm_18-8_HexThreadedStandoff	2
11	91239A752	M2.5-0.45x3mm_BlackOxideButtonHeadSocketScrew	2

Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±.015	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILED RADII .015-.020. 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 MARK R. CHAFFEY (831) 775-1708 mrc@mbari.org
Engineer					PROJECT No. 902001
NEXT ASSY Description	NEXT ASSY Number				PROJECT Name 4K ROV CAMERA
APPLICATION		DO NOT SCALE DRAWING		WEIGHT	

Monterey Bay Aquarium Research Institute

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Moss Landing, CA 95039
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4K CAMERA USB & CONTROL PANEL ASSEMBLY

SIZE C DWG. NO. 100221414-32-A-ASM REV. A

SCALE CAD FILE: SHEET 1 OF 1

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