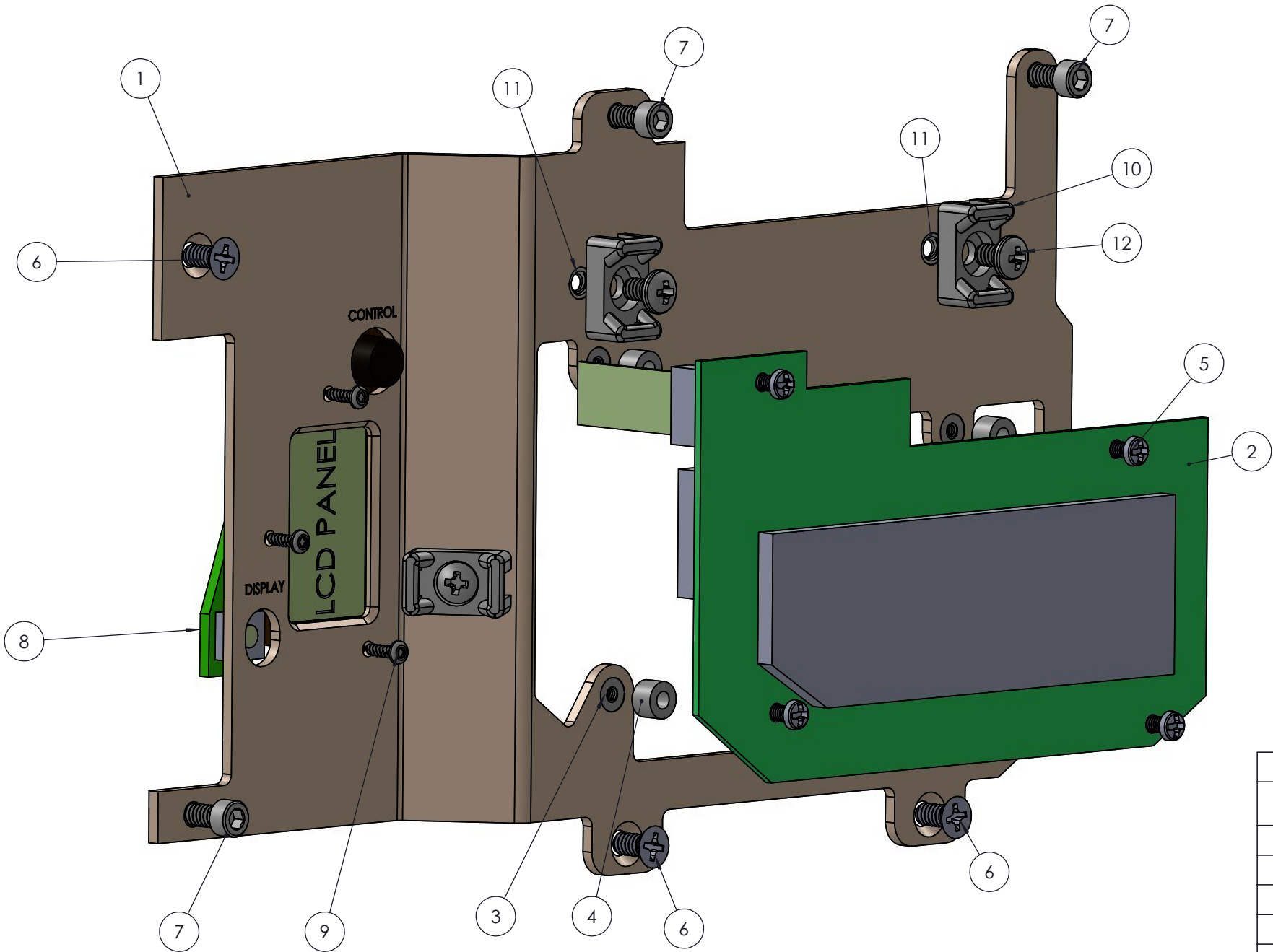


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	



NOTE 2. FOR PEM NUT LOCATIONS SEE FABRICATION DRAWING: 100221414-20-A-DWG_LensServoPanel

NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment
\\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-21-A_LensServoPanelAssembly.SLDASM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100221414-20-B_LensServoPanel	MBARI sheet metal lens servo panel	1
2	Canon_ServoPCB	Canon lens part	1
3	94674A611	M2 x 0.4mm_18-8_PEM_FlushNut	4
4	94639A701	#2x0.125_NylonSpacer	4
5	94017A106	M2.0-0.4x6mm_18-8_CheeseHead	4
6	91500A122	#4-40x0.250_316_FlatHeadScrew	3
7	92185A106	#4-40x0.25 Socket Head Cap Screw	3
8	Canon_LCD_PanelPCB	Canon lens part	1
9	96001A101	Torx Plus Rounded Head Thread-Forming Screws	3
10	1873N51	#4_FlameRetardantCableMount	3
11	94674A490	#4-40_18-8_PEM_FlushNut	3
12	91735A101	#4-40x0.1875_316_PanHeadPhilipsMachineScrew	3

Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.003	ANGLE ±.1°	DRAWN MRC	01/19/2021
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADI .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	MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700
Engineer						PROJECT No. 902001	4K CAMERA LENS SERVO PANEL ASSEMBLY
NEXT ASSY Description	NEXT ASSY Number					PROJECT Name 4K ROV CAMERA	SIZE C
APPLICATION		DO NOT SCALE DRAWING		WEIGHT		DWG. NO. 100221414-21-A-ASM	REV. A
						SCALE	CAD FILE:
						SHEET 1 OF 1	



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