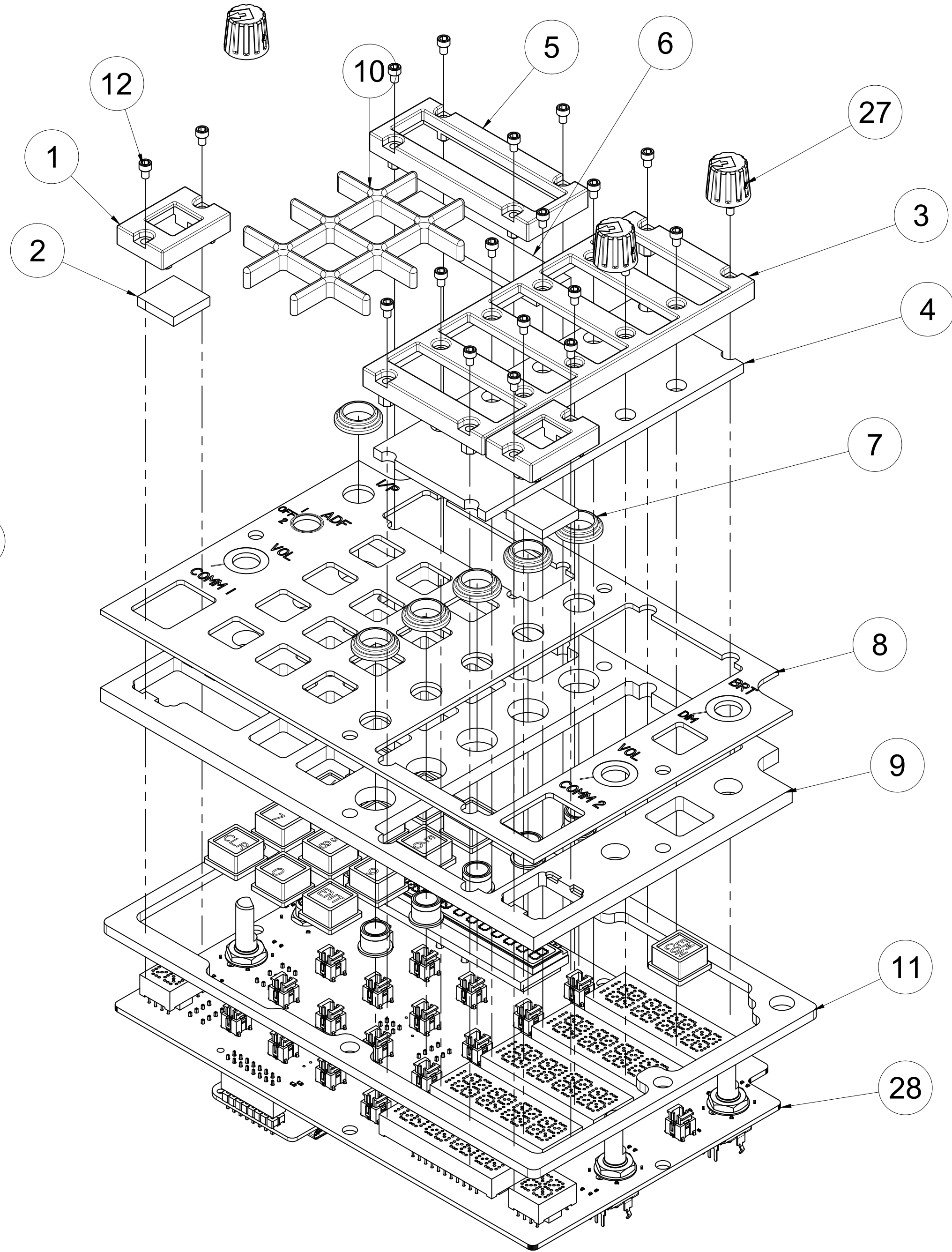
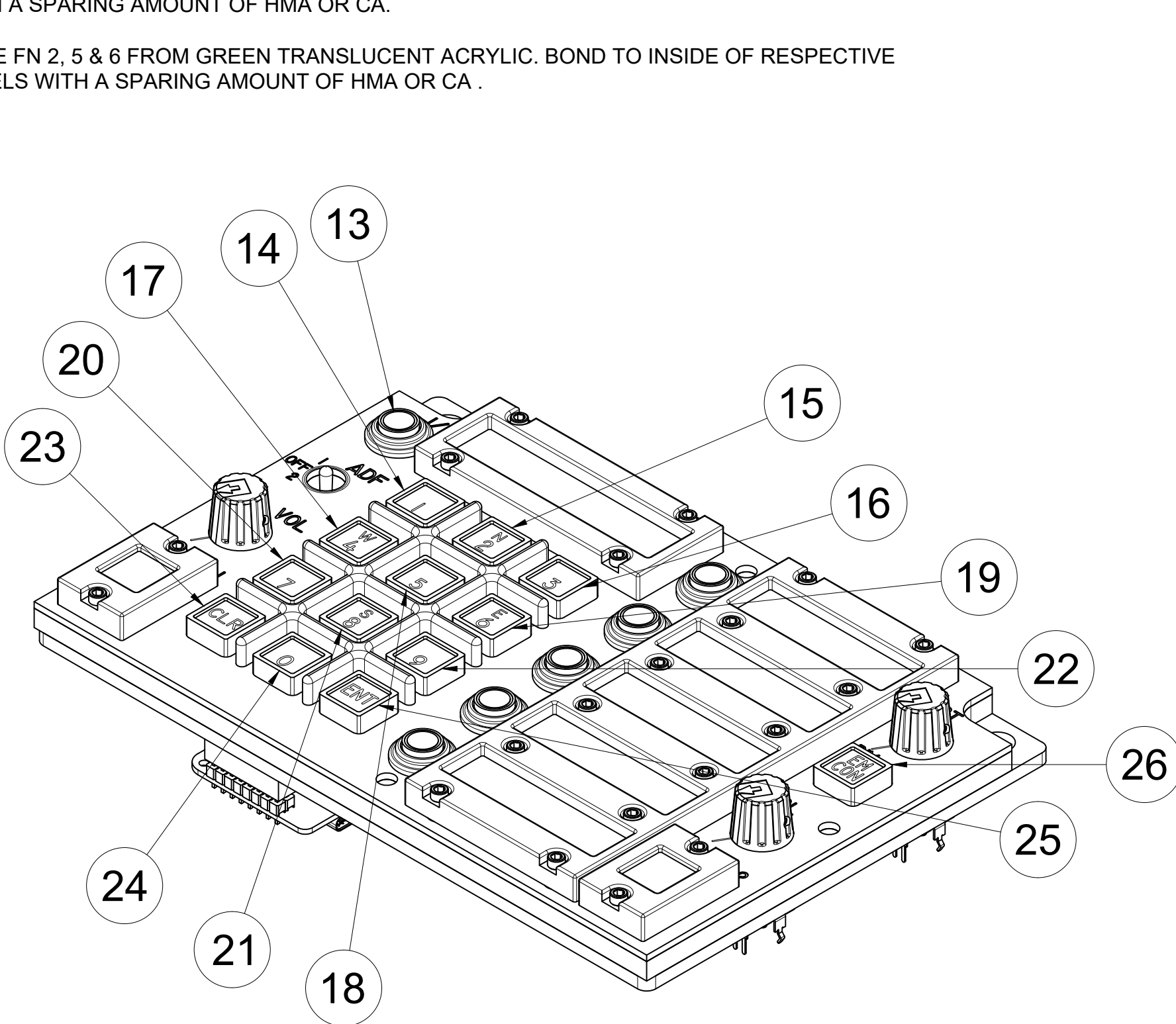


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
1.1. PANEL CONSTRUCTION SHALL BE IAW OH-SPEC-001, PANEL TYPE A, METHOD 1.
1.2. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS. ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING INTERMEDIATE FILES:
2.1. FLAT PARTS: <MATERIAL> <MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL INCHES> <PN>_<REV>.v<VERSION NUMBER OF MODEL>.DXF
2.2. FDM 3D PRINTED PARTS: FDM_<PN>_<REV>.v<VERSION # OF MODEL>.STL
2.3. RESIN 3D PRINTED PARTS: RESIN_<PN>_<REV>.v<VERSION # OF MODEL>.STL
3. FINISH FN 1, 3, 5 & 10 IAW FED-STD-595, FS37038, BLACK. BOND TO ASSEMBLED FN 8 & 9 WITH A SPARING AMOUNT OF HMA OR CA.
4. MAKE FN 2, 5 & 6 FROM GREEN TRANSLUCENT ACRYLIC. BOND TO INSIDE OF RESPECTIVE BEZELS WITH A SPARING AMOUNT OF HMA OR CA .





-100 ASSY

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	4/7/2023	

28	1	OH1A8A1-200	ASSY, PCB, UFC_MAIN V5.5	
27	3	OHC0003-A-012FGB3	ASSY, KNOB, GREY, .25 D-SHAFT	
26	1	OH1A8A1-110A	UFC SQUARE PUSHBUTTON ASSY, EMCON	
25	1	OH1A8A1-128A	UFC SQUARE PUSHBUTTON ASSY, ENT	
24	1	OH1A8A1-124A	UFC SQUARE PUSHBUTTON ASSY, 0	
23	1	OH1A8A1-120A	UFC SQUARE PUSHBUTTON ASSY, CLR	
22	1	OH1A8A1-127A	UFC SQUARE PUSHBUTTON ASSY, 9	
21	1	OH1A8A1-123A	UFC SQUARE PUSHBUTTON ASSY, 8	
20	1	OH1A8A1-119A	UFC SQUARE PUSHBUTTON ASSY, 7	
19	1	OH1A8A1-126A	UFC SQUARE PUSHBUTTON ASSY, 6	
18	1	OH1A8A1-122A	UFC SQUARE PUSHBUTTON ASSY, 5	
17	1	OH1A8A1-118A	UFC SQUARE PUSHBUTTON ASSY, 4	
16	1	OH1A8A1-125A	UFC SQUARE PUSHBUTTON ASSY, 3	
15	1	OH1A8A1-121A	UFC SQUARE PUSHBUTTON ASSY, 2	
14	1	OH1A8A1-109A	UFC SQUARE PUSHBUTTON ASSY, 1	
13	6	OH1A8A1-112A	UFC ROUND PUSHBUTTON ASSY	
12	20	96006A231	SHCS, #2-56 X .125, 18-8, BLK	SS
11	1	OH1A8A1-117	UFC BACKPLATE	ACRL
10	1	OH1A8A1-116	UFC FINGER GUARD	RESN
9	1	OH1A8A1-115	UFC INNER SPACER PLATE	ACRL
8	1	OH1A8A1-114	UFC LEGEND PLATE	RMRK
7	6	OH1A8A1-113	UFC ROUND BUTTON GUARD	RESN
6	1	OH1A8A1-106	UFC SCRATCHPAD BEZEL GUARD	ACRL
5	1	OH1A8A1-105	UFC SCRATCHPAD BEZEL	PETG
4	1	OH1A8A1-104	UFC OPT BEZEL GUARD	ACRL
3	1	OH1A8A1-103	UFC OPT BEZEL	PETG
2	2	OH1A8A1-102	UFC COMM BEZEL GUARD	ACRL
1	2	OH1A8A1-101	UFC COMM BEZEL	PETG

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL			
PARTS LIST							
UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		<div><div>OPEN HORNET</div><div>https://www.OpenHornet.com</div></div>			
DIMENSIONS ARE IN INCHES.		DECIMALS:	ANGLES:				
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.		.X ± .1	MACHINED ± 5°				
INTERPRET DRAWING IAW ASME Y14.100-2017.		.XX ± .03	LOCATING ± 5°				
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		.XXX ± .010	FORMED ± 2°				
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.			CHAMFERS ± 5°				
DIMENSIONS APPLY BEFORE FINISH.		DRILLED HOLE DIAMETERS:					
		.0135 - .125: +.004/- .001					
		.126 - .250: +.005/- .001					
		.251 - .500: +.006/- .001					
		.501 - .750: +.008/- .001					
		.751 - 1.000: +.010/- .001					
		1.001 - 2.000: +.012/- .001					
ASSY, UFC PANEL V5							
UPPER INSTRUMENT PANEL							
DESIGNED	J. STEENSEN 04/07/2023		<div></div>	SIZE	DWG NO	OH1A8A1-100	REV
CHECKED				D			-
DRAWN	J. STEENSEN 04/07/2023			SCALE 1:1	DO NOT SCALE DWG		SHEET 1/15



ASSY, UFC PANEL V5

UPPER INSTRUMENT PANEL

NOTES: (UNLESS OTHERWISE SPECIFIED)

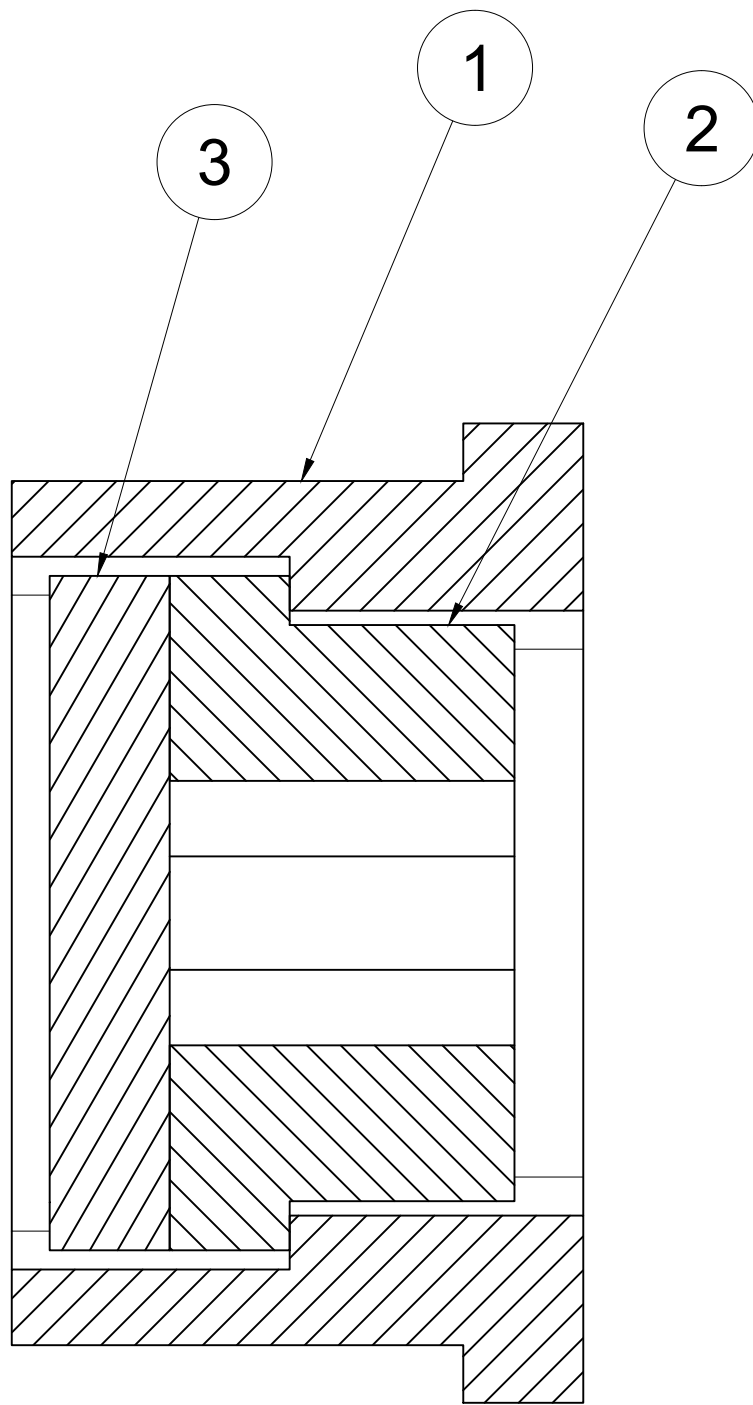
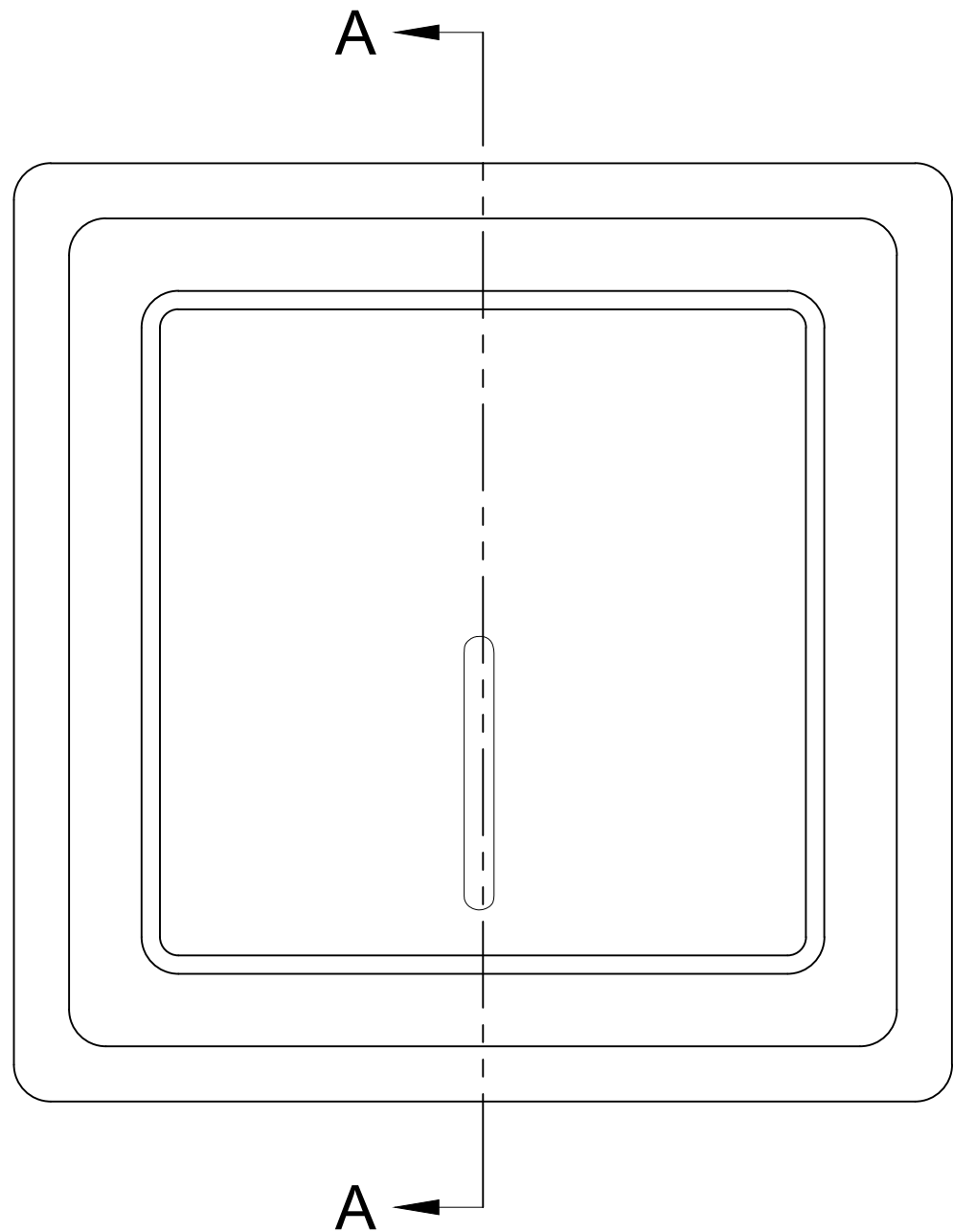
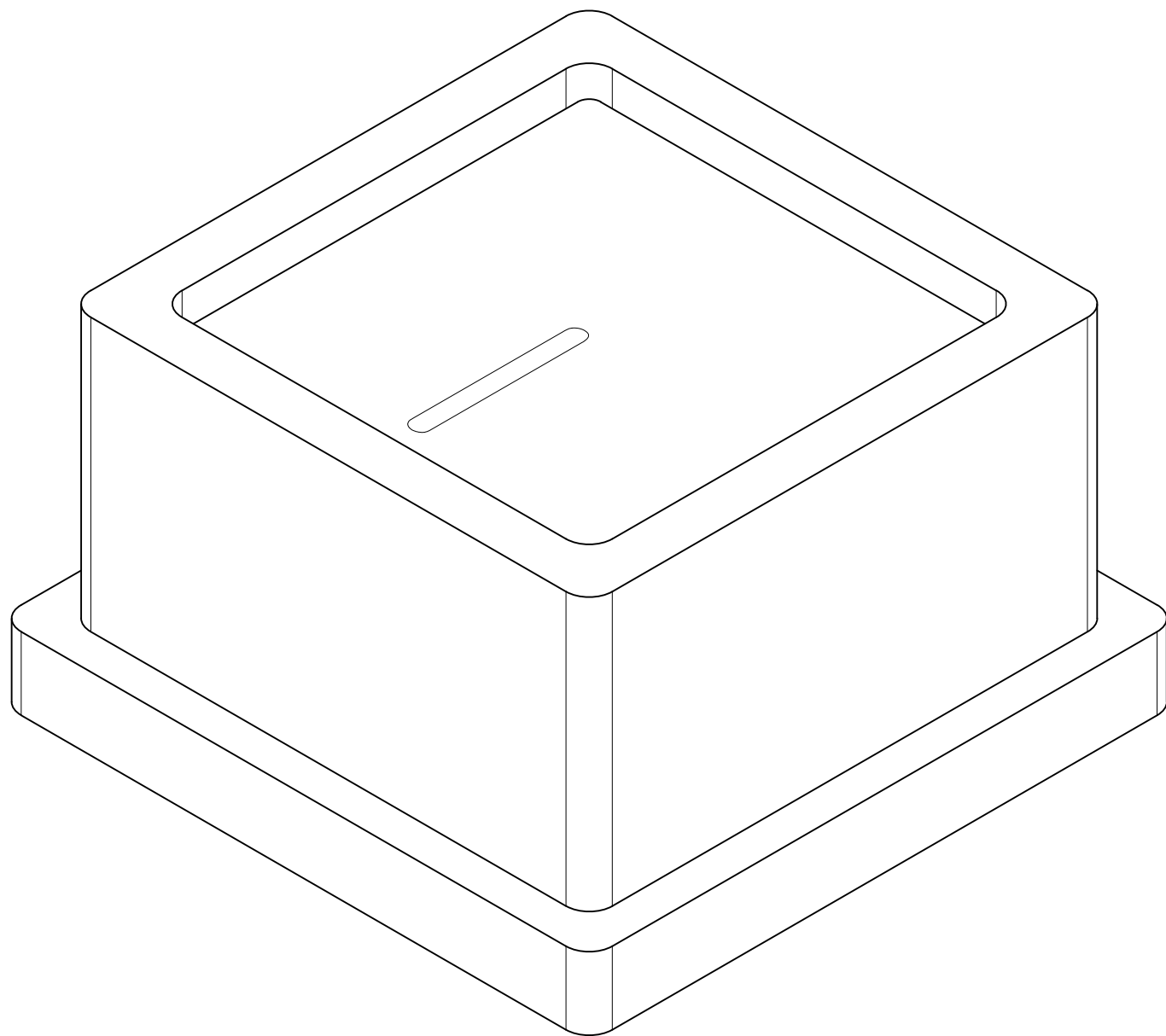
THE FOLLOWING NOTES APPLY TO ALL FOLLOWING UFC SQUARE AND ROUND BUTTON ASSEMBLIES:

1. SPECIFICATIONS AND DOCUMENTS:

1.1. LEGEND CONSTRUCTION SHALL BE IAW OH-SPEC-001, PANEL TYPE A, METHOD 1, LEGEND PLATE.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS. ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING INTERMEDIATE FILES:

2.1. FLAT PARTS: <MATERIAL>_<MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL INCHES>_<PN>_<REV>.v<VERSION NUMBER OF MODEL>.DXF

2.2. RESIN 3D PRINTED PARTS: RESIN_<PN>_<REV>.v<VERSION # OF MODEL>.STL
3. MAKE SPACERS FROM TRANSLUCENT OR TRANSPARENT RESIN AND PAINT WHITE TO MAXIMIZE LIGHT TRANSMISSIBILITY. BOND LEGEND TO SPACER AND SPACER TO BODY WITH HMA OR CA AS REQUIRED. FINISH BUTTON BODY EXTERIOR IAW FED-STD-595, FS37038, BLACK.



SECTION A-A
SCALE 10:1

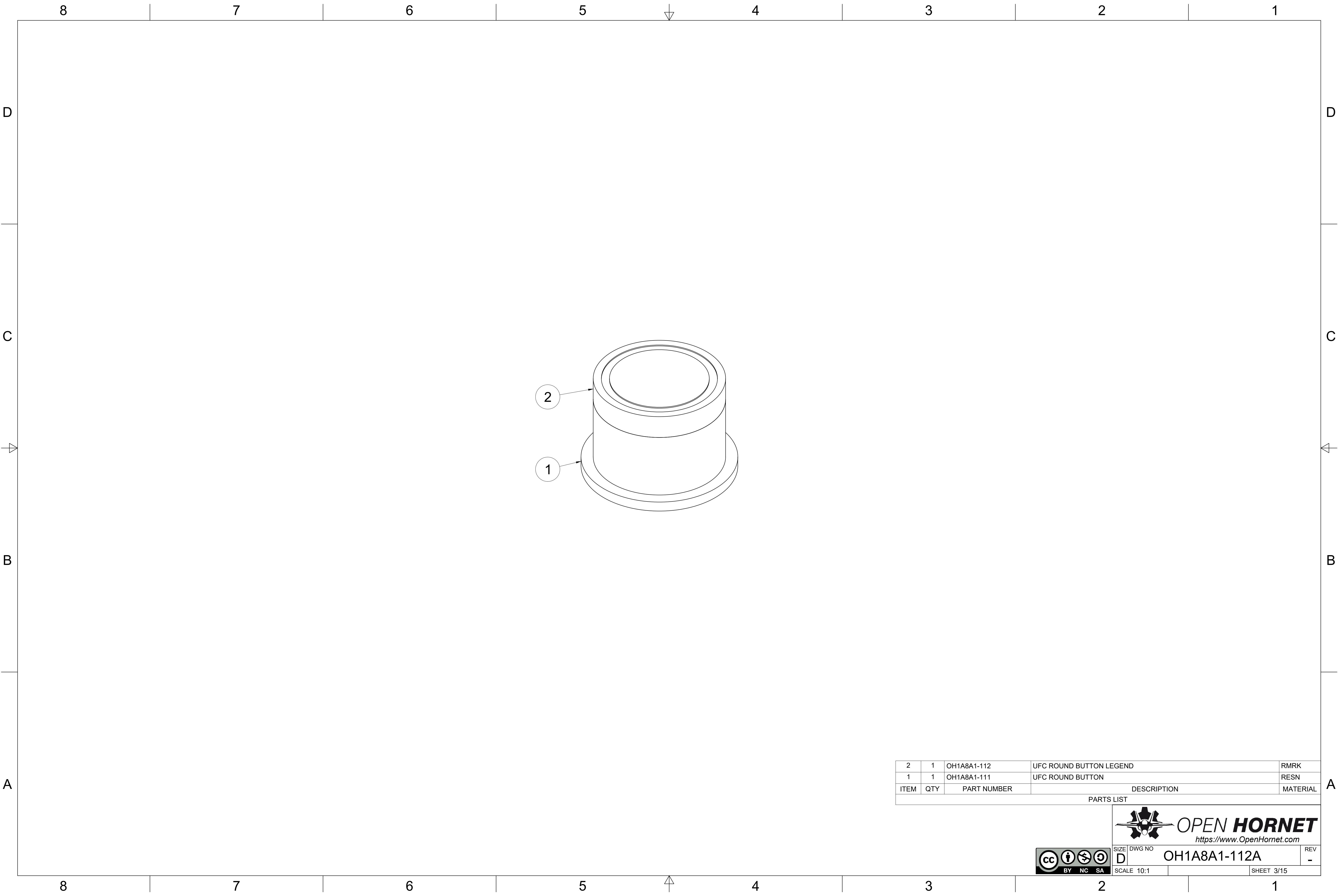
3	1	OH1A8A1-109	UFC SQUARE BUTTON LEGEND, 1	RMRK
2	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
1	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				





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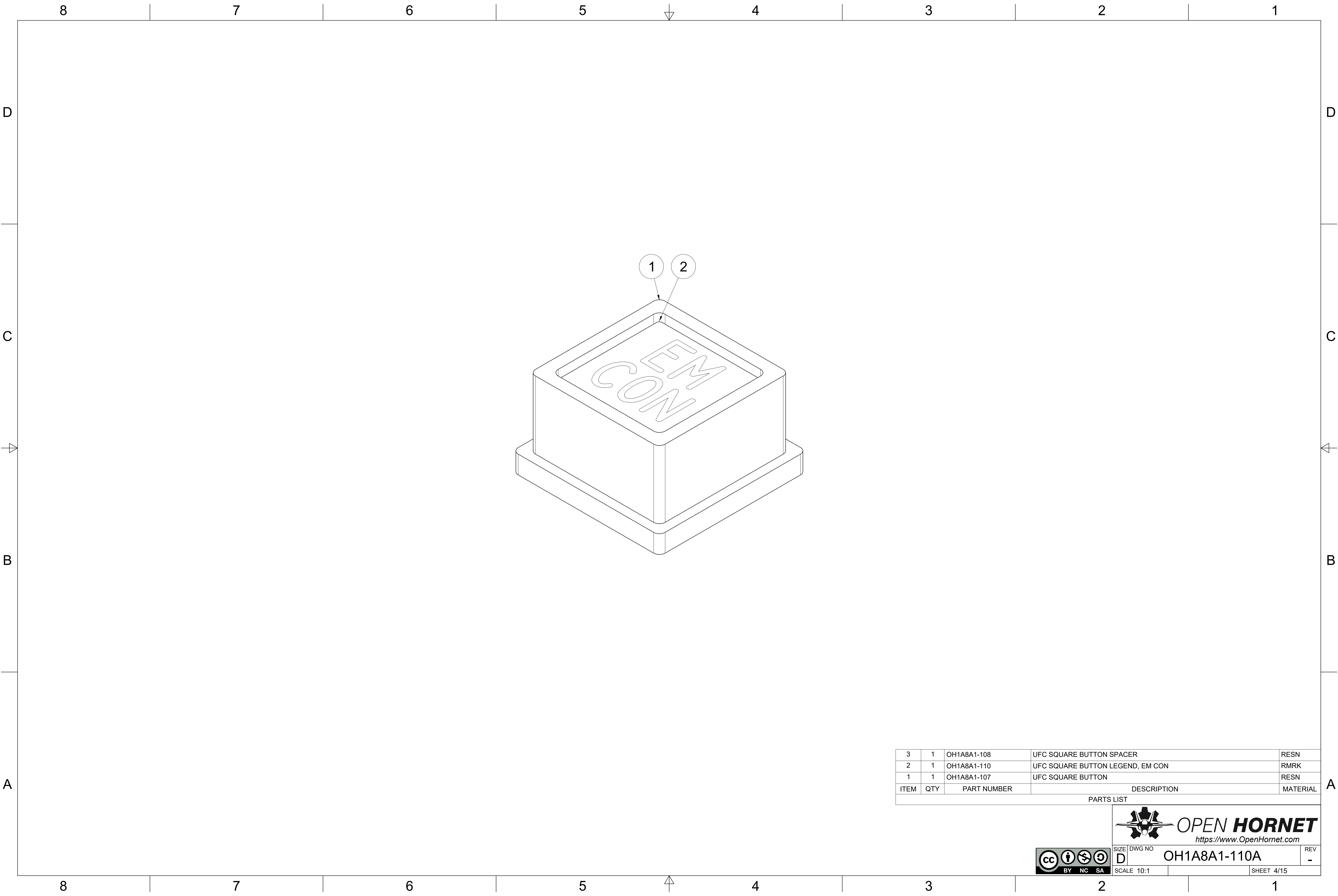
SIZE	DWG NO	REV
D	OH1A8A1-109A	-
SCALE 10:1		SHEET 2/15



2	1	OH1A8A1-112	UFC ROUND BUTTON LEGEND	RMRK
1	1	OH1A8A1-111	UFC ROUND BUTTON	RESN
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH1A8A1-112A	-
SCALE 10:1	SHEET 3/15	

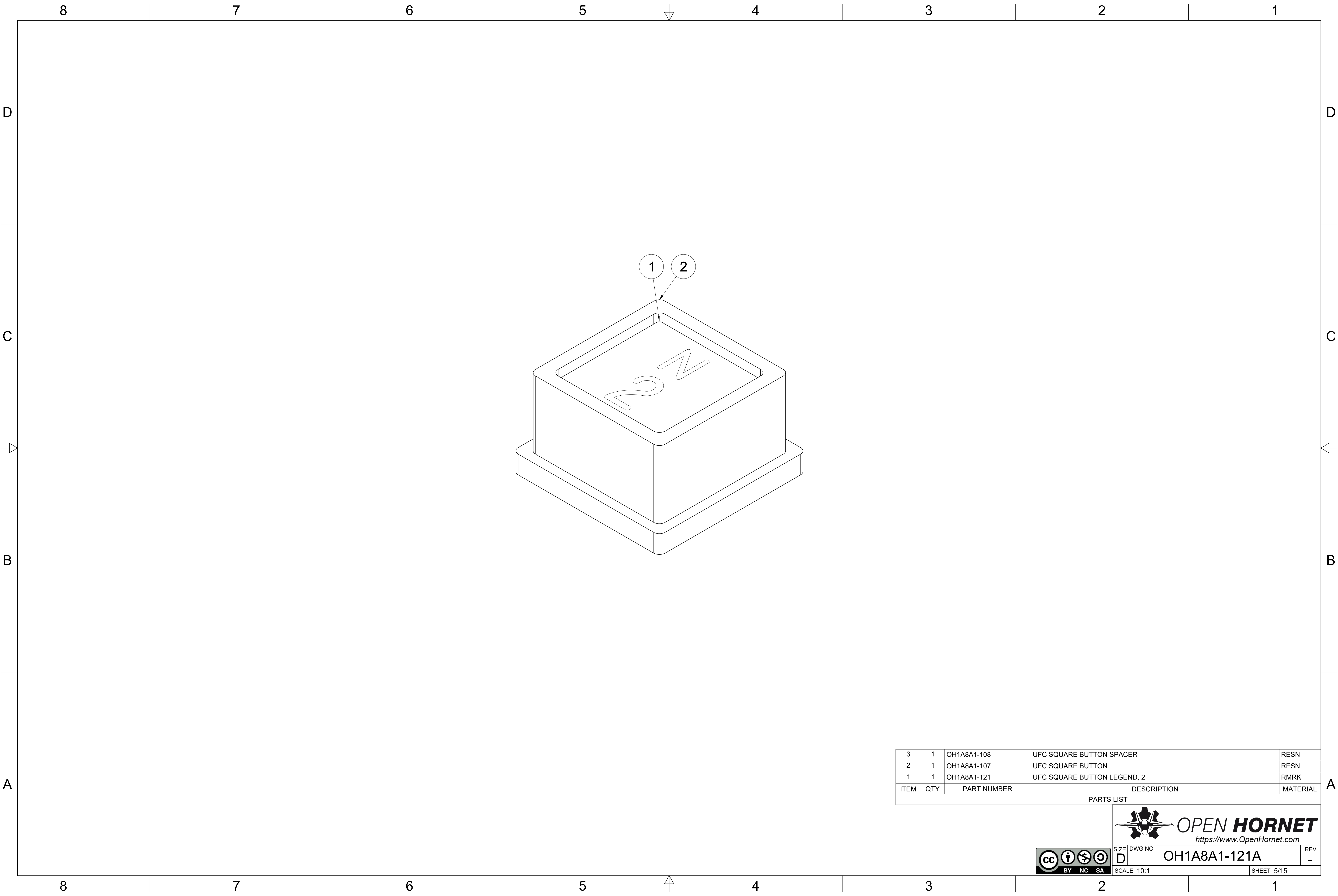


3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-110	UFC SQUARE BUTTON LEGEND, EM CON	RMRK
1	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL

PARTS LIST



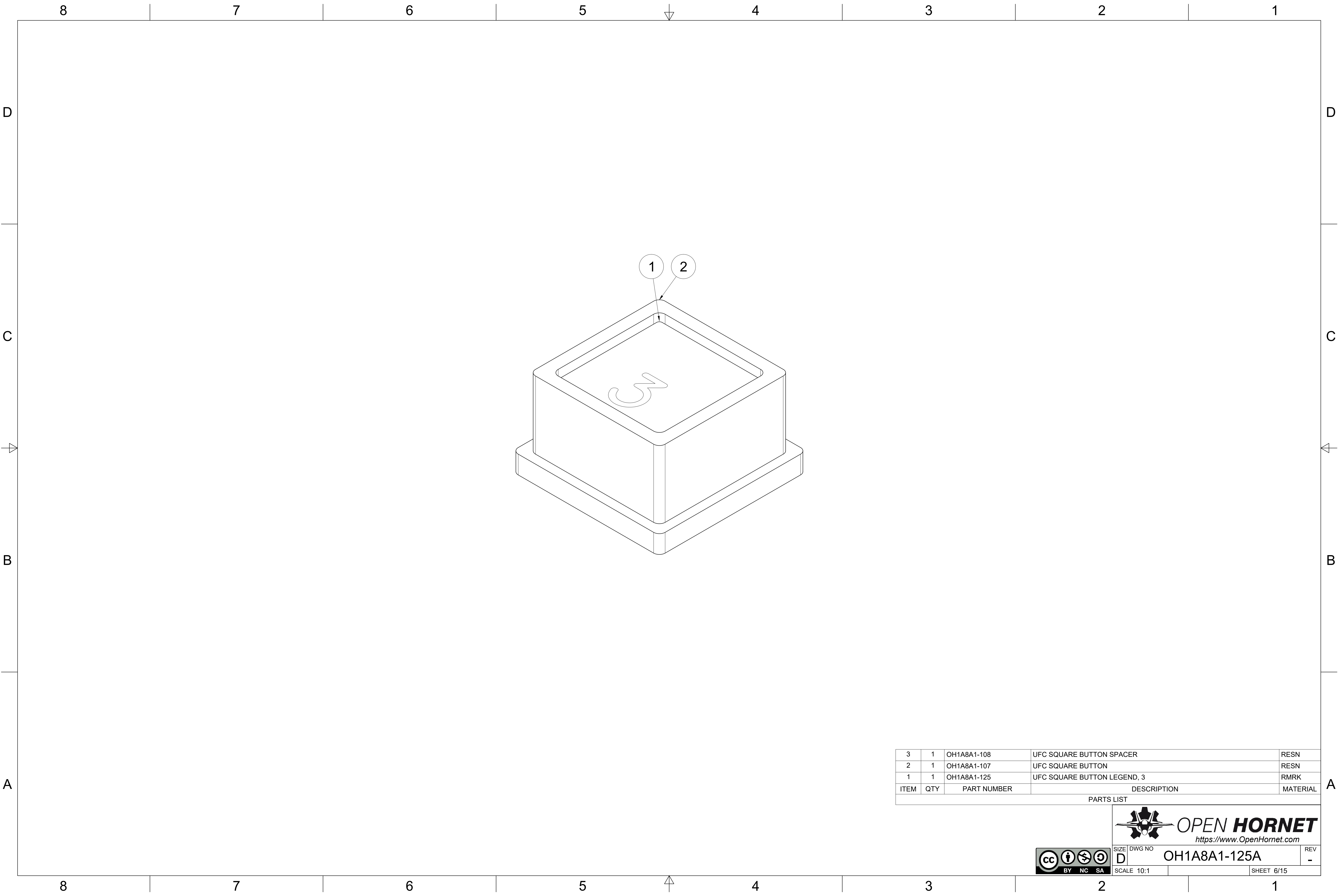
SIZE	D	DWG NO	OH1A8A1-110A	REV	-
SCALE	10:1			SHEET	4/15



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-121	UFC SQUARE BUTTON LEGEND, 2	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



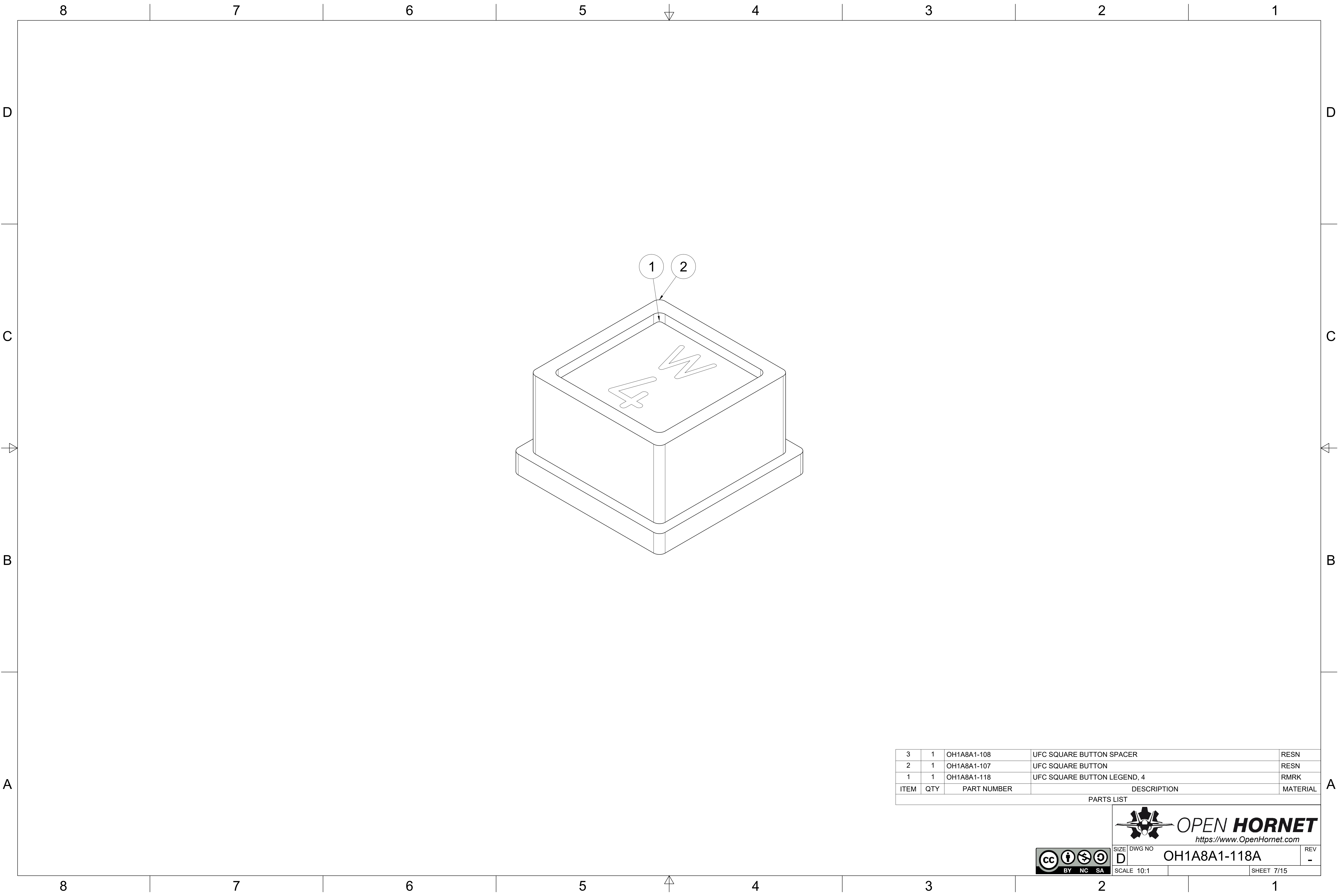
SIZE	DWG NO	REV
D	OH1A8A1-121A	-
SCALE 10:1	SHEET 5/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-125	UFC SQUARE BUTTON LEGEND, 3	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



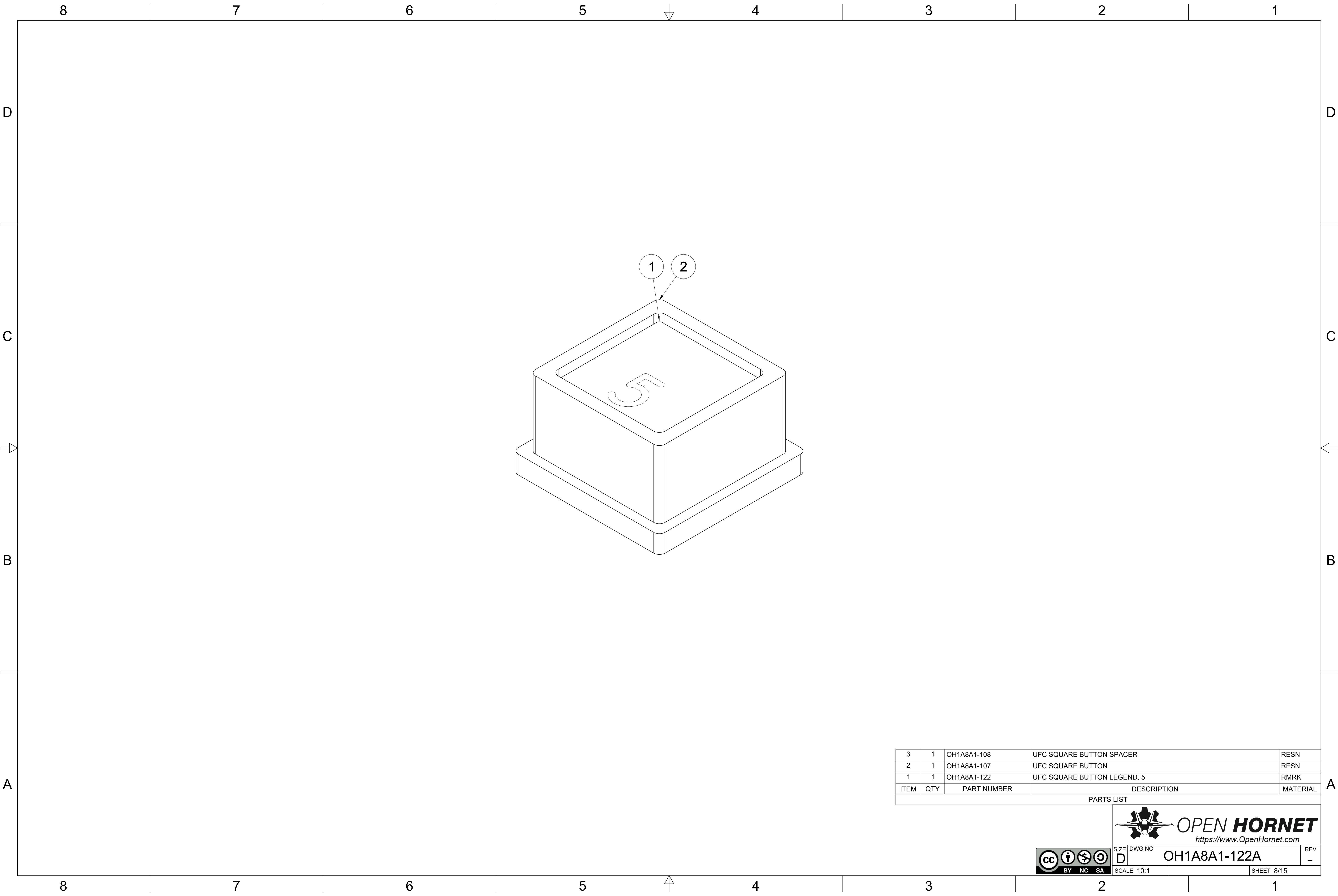
SIZE	DWG NO	REV
D	OH1A8A1-125A	-
SCALE 10:1	SHEET 6/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-118	UFC SQUARE BUTTON LEGEND, 4	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



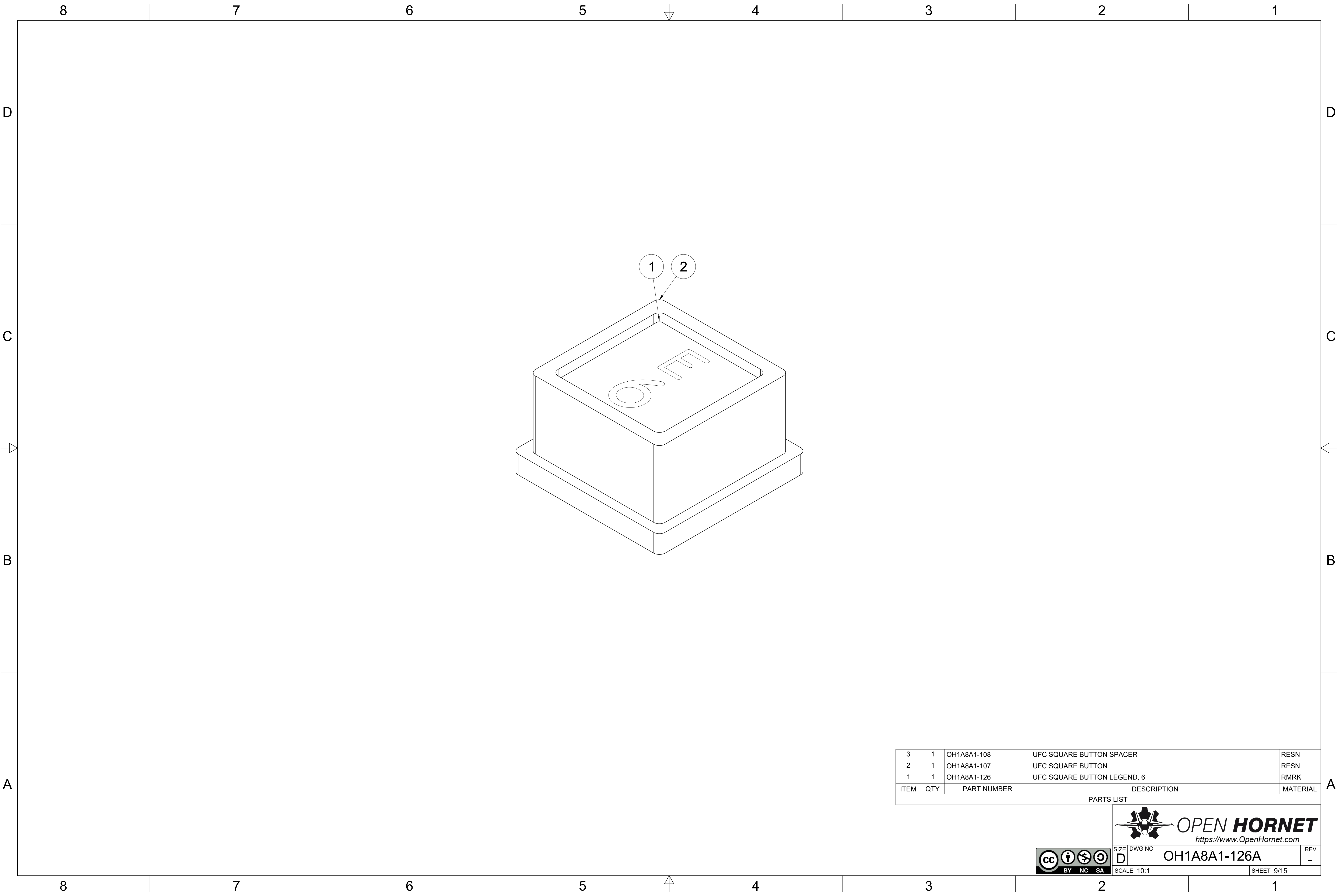
SIZE	DWG NO	REV
D	OH1A8A1-118A	-
SCALE 10:1	SHEET 7/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-122	UFC SQUARE BUTTON LEGEND, 5	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



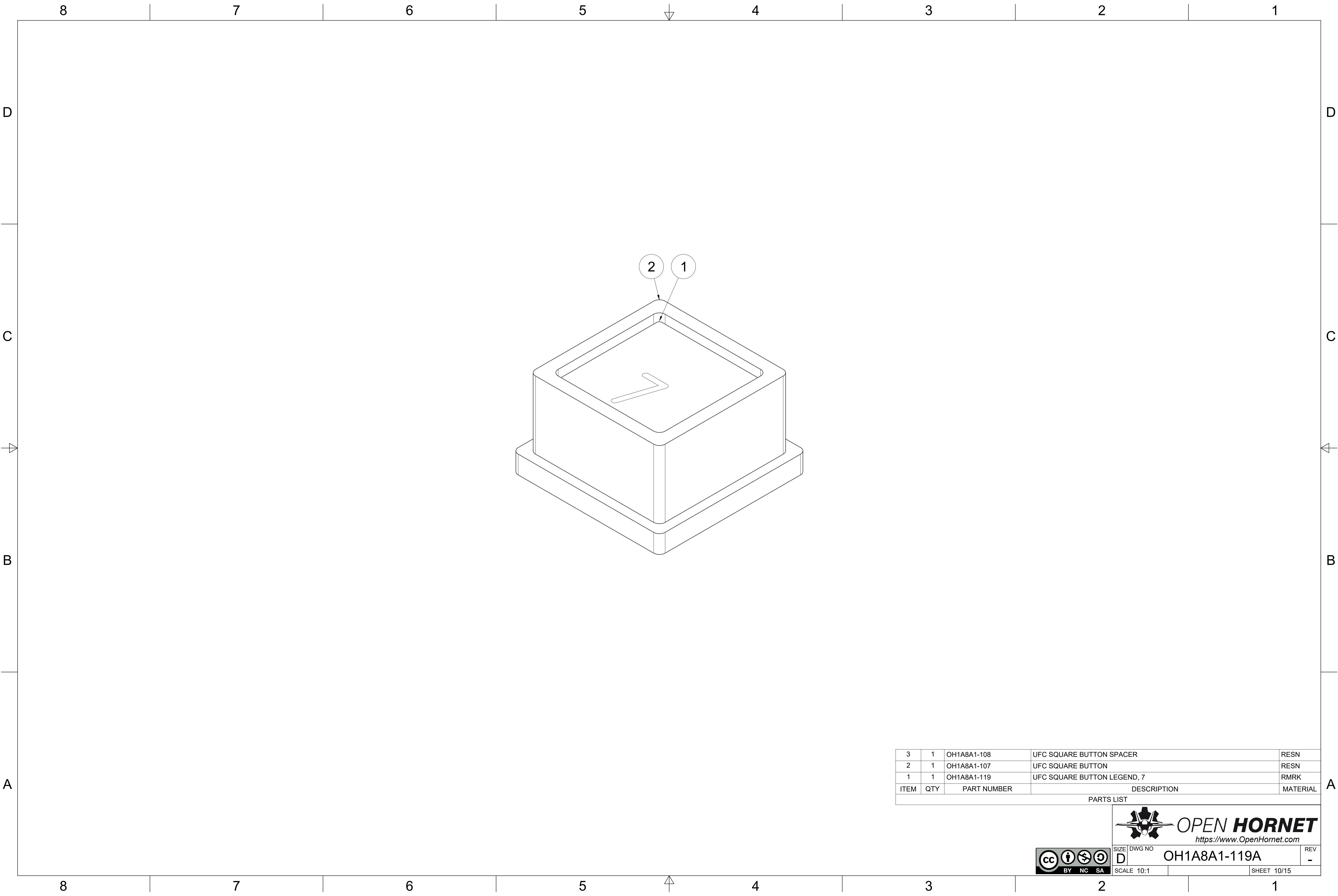
SIZE	DWG NO	REV
D	OH1A8A1-122A	-
SCALE 10:1	SHEET 8/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-126	UFC SQUARE BUTTON LEGEND, 6	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



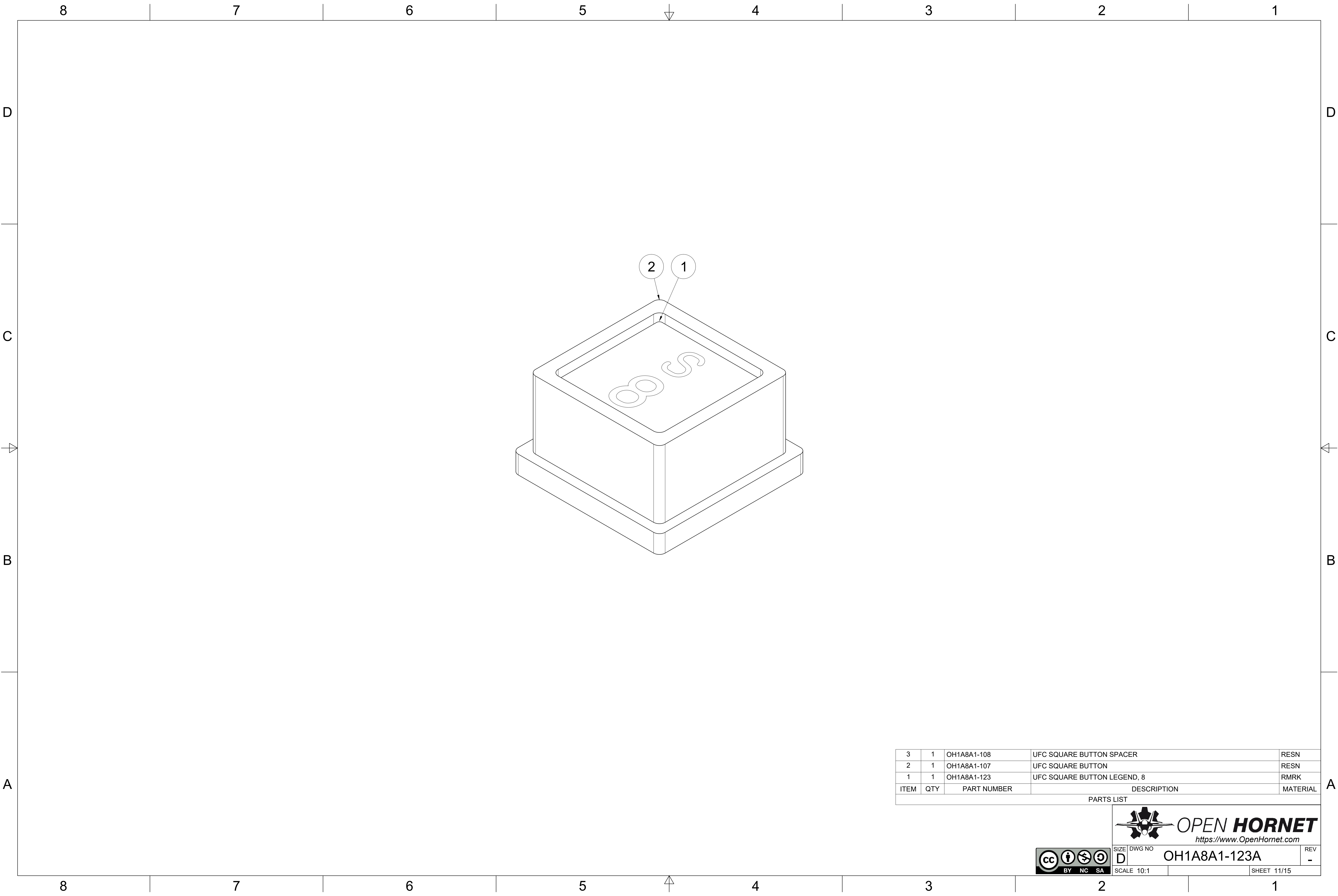
SIZE	DWG NO	REV
D	OH1A8A1-126A	-
SCALE	10:1	SHEET 9/15



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-119	UFC SQUARE BUTTON LEGEND, 7	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH1A8A1-119A	-
SCALE 10:1	SHEET 10/15	



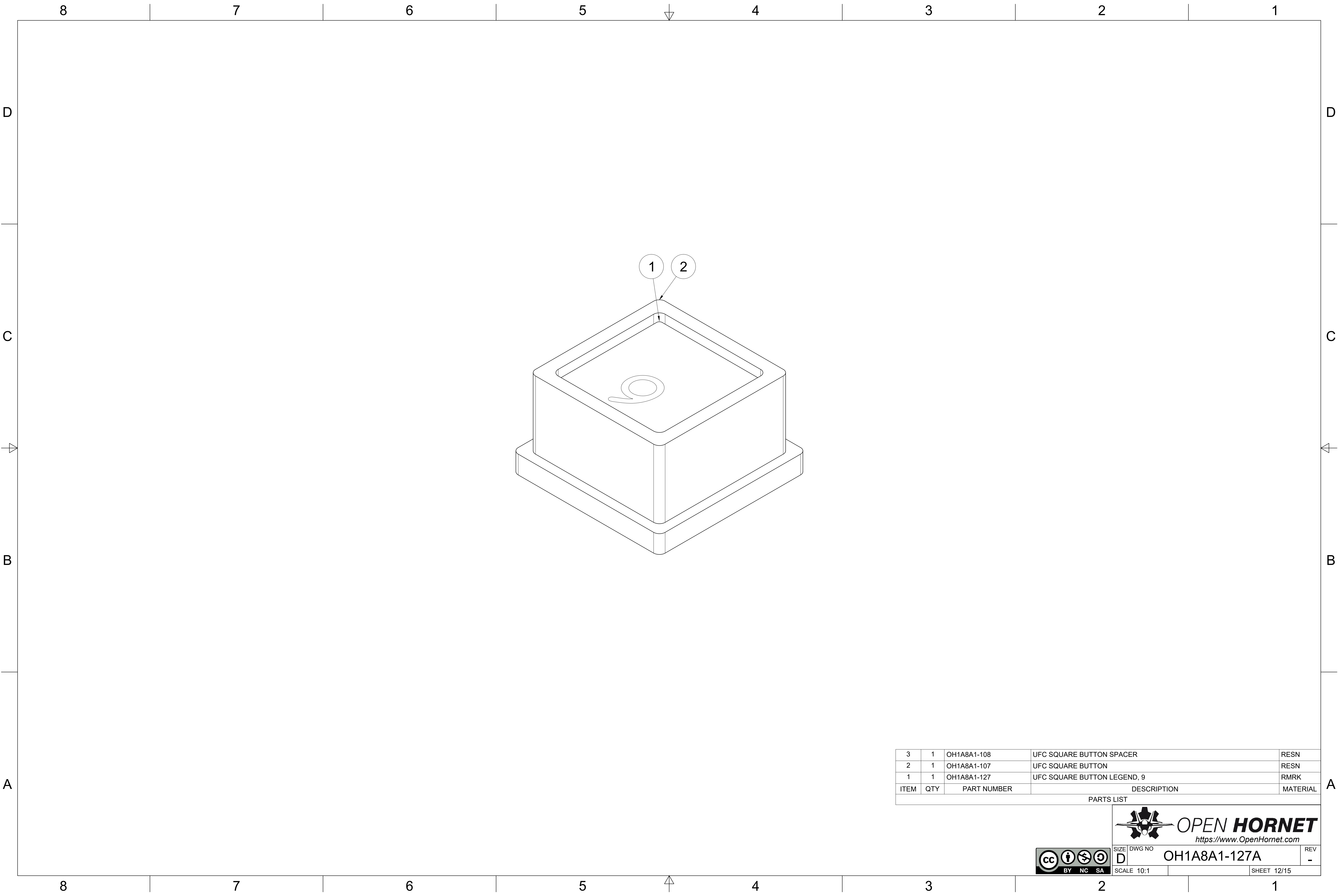
3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-123	UFC SQUARE BUTTON LEGEND, 8	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				





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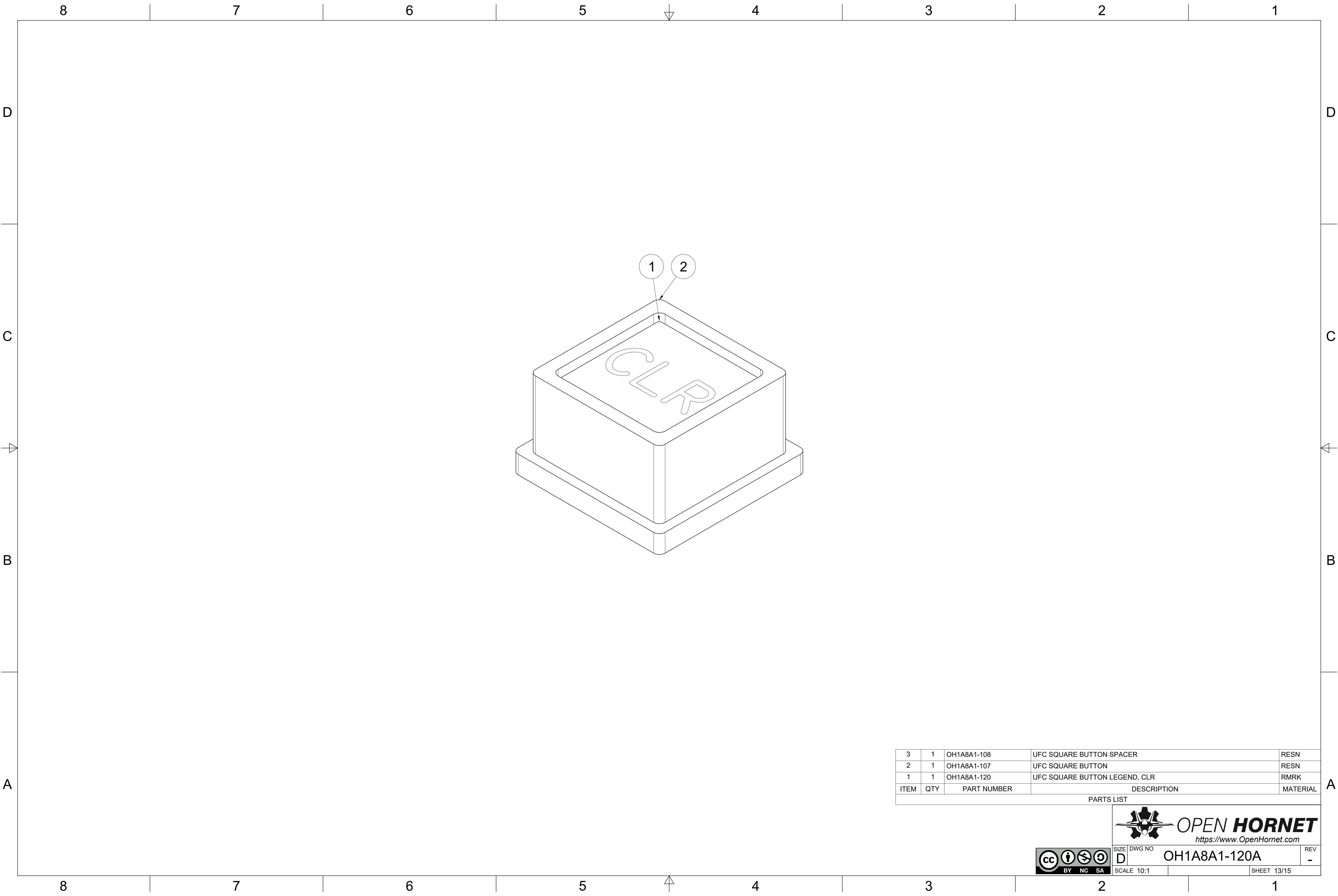
SIZE	DWG NO	REV
D	OH1A8A1-123A	-
SCALE 10:1	SHEET 11/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-127	UFC SQUARE BUTTON LEGEND, 9	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



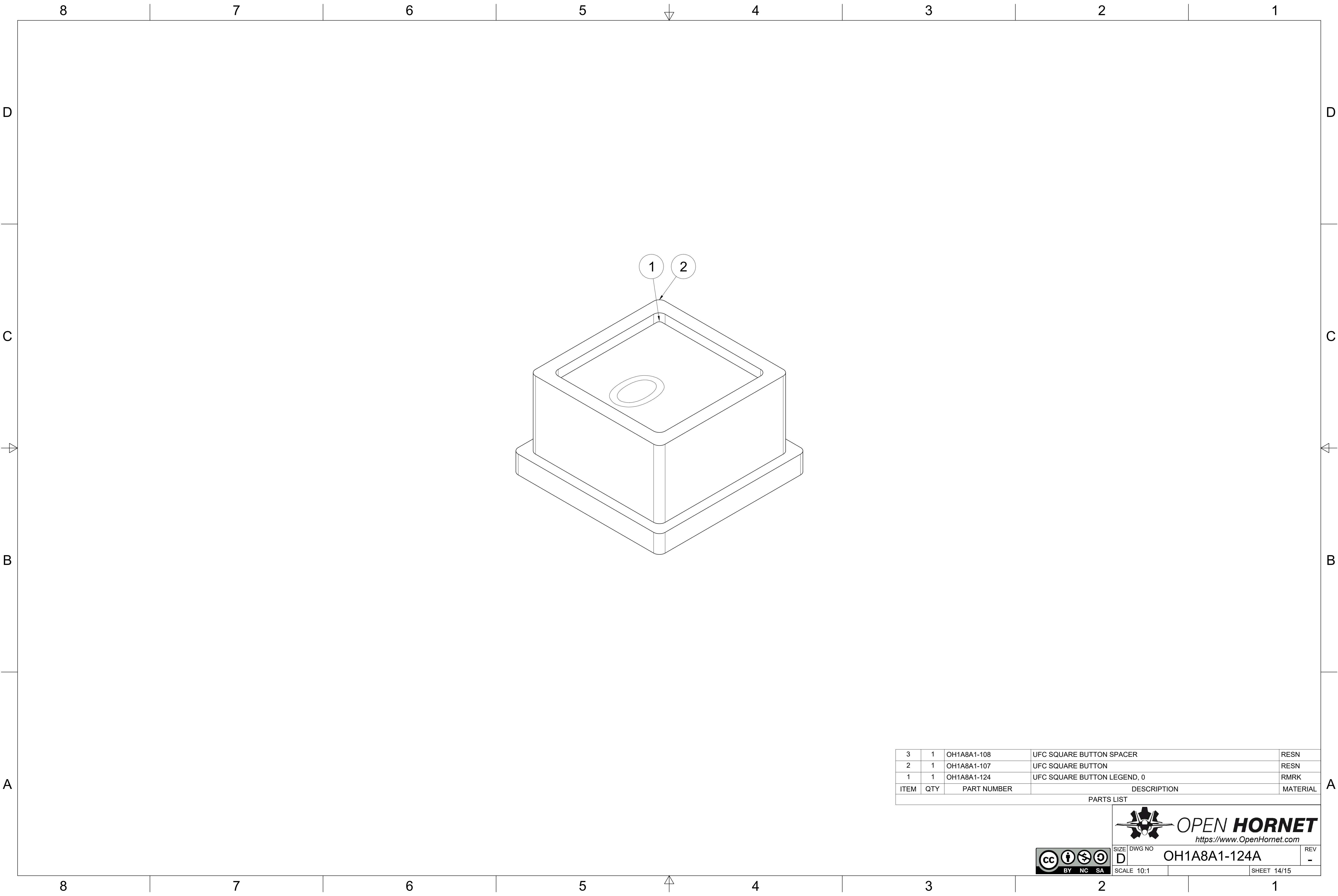
SIZE	DWG NO	REV
D	OH1A8A1-127A	-
SCALE 10:1	SHEET 12/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-120	UFC SQUARE BUTTON LEGEND, CLR	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



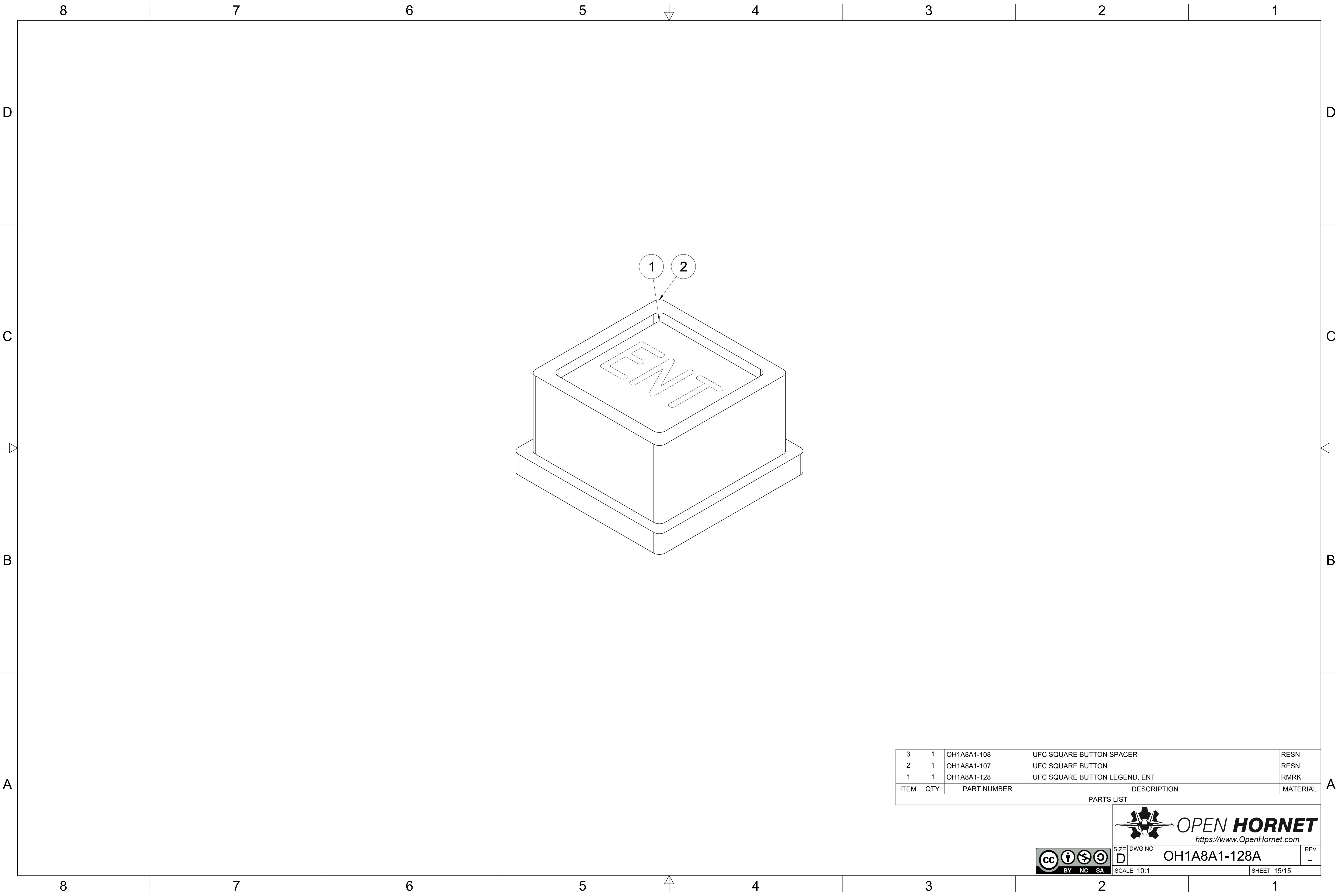
SIZE	DWG NO	REV
D	OH1A8A1-120A	-
SCALE 10:1	SHEET 13/15	



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-124	UFC SQUARE BUTTON LEGEND, 0	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH1A8A1-124A	-
SCALE	10:1	SHEET 14/15



3	1	OH1A8A1-108	UFC SQUARE BUTTON SPACER	RESN
2	1	OH1A8A1-107	UFC SQUARE BUTTON	RESN
1	1	OH1A8A1-128	UFC SQUARE BUTTON LEGEND, ENT	RMRK
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH1A8A1-128A	-
SCALE 10:1	SHEET 15/15	