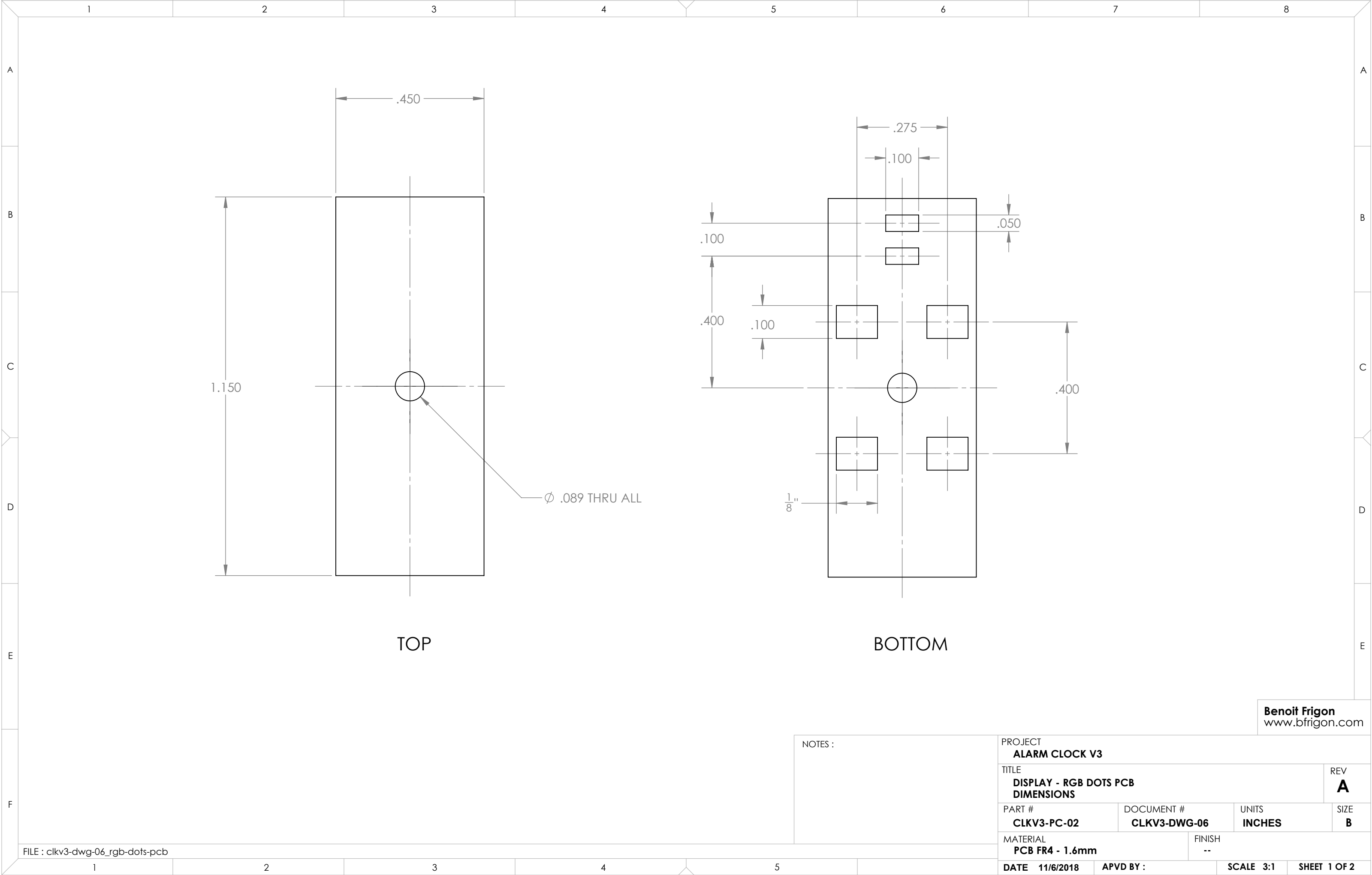
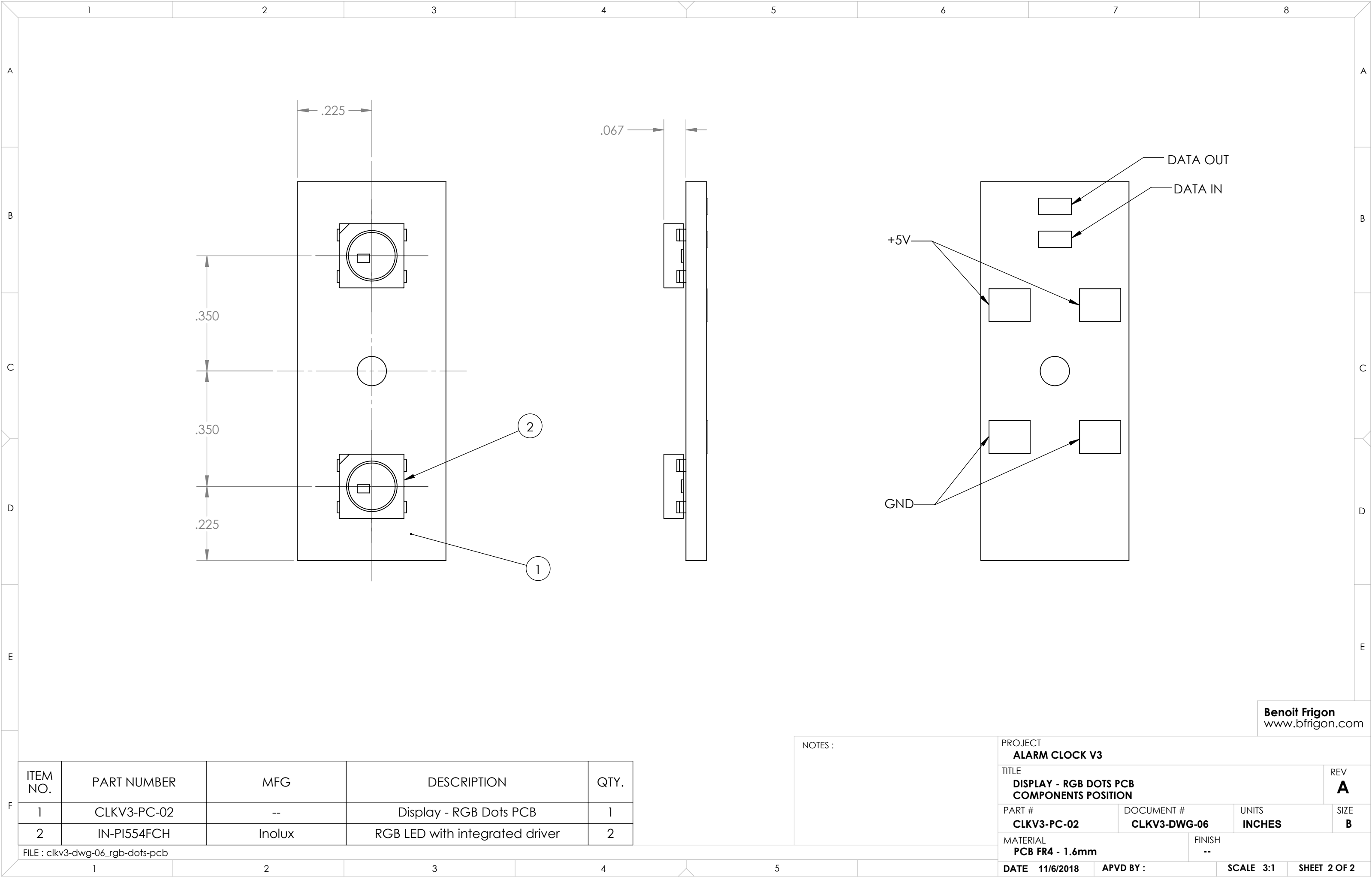


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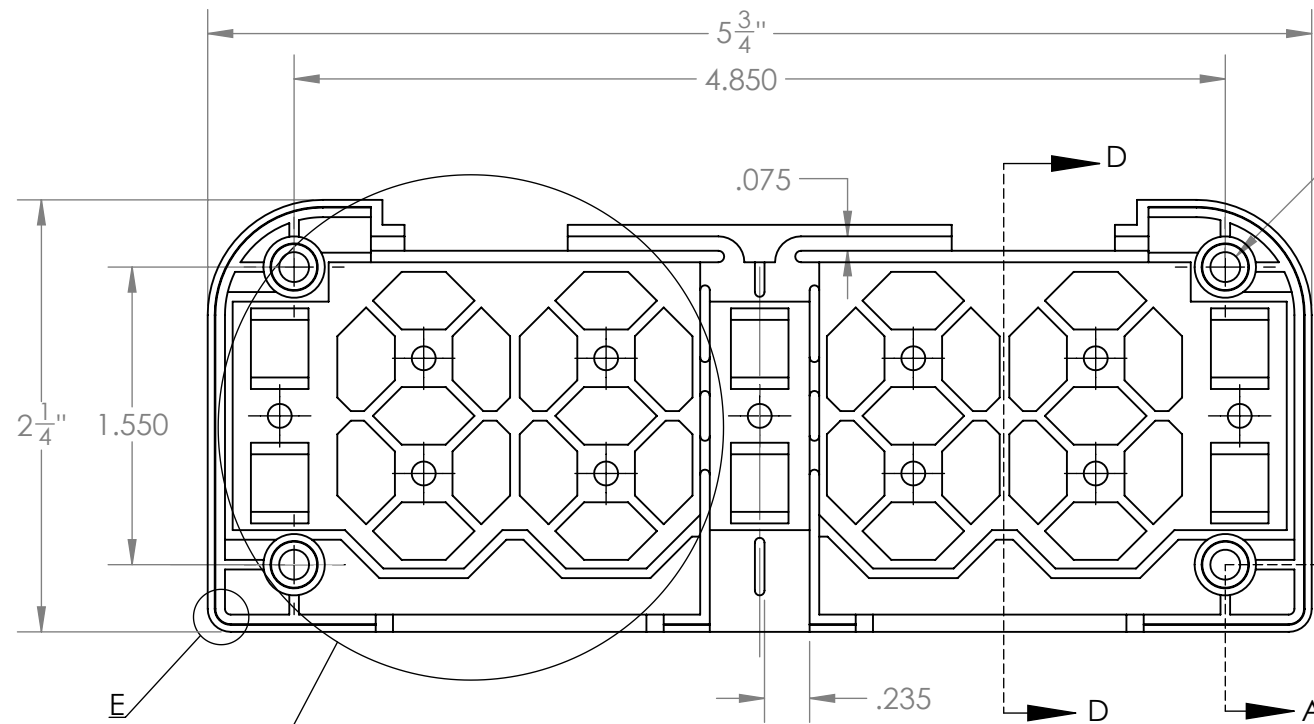
Benoit Frigon  
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ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	CLKV3-PC-02	--	Display - RGB Dots PCB	1
2	IN-PI554FCH	Inolux	RGB LED with integrated driver	2

FILE : clkv3-dwg-06\_rgb-dots-pcb

NOTES :

PROJECT ALARM CLOCK V3			
TITLE DISPLAY - RGB DOTS PCB COMPONENTS POSITION			REV A
PART # CLKV3-PC-02	DOCUMENT # CLKV3-DWG-06	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:1	SHEET 2 OF 2



$\phi .156$

.263

.060

SECTION D-D

R.600

$1\frac{1}{8}"$

$\frac{3}{4}"$

$1\frac{1}{8}"$

$\frac{3}{4}"$

.950

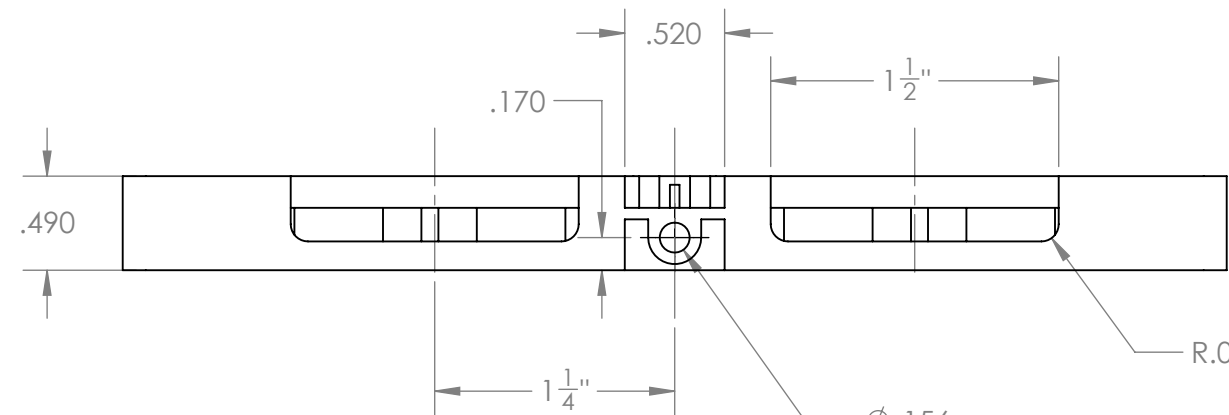
3.930

2"

.850

.910

SECTION A-A



R.090

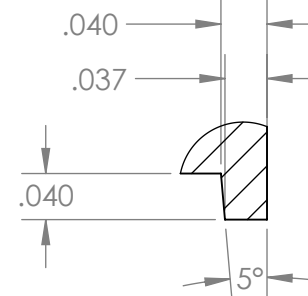
$\phi .156$

.090

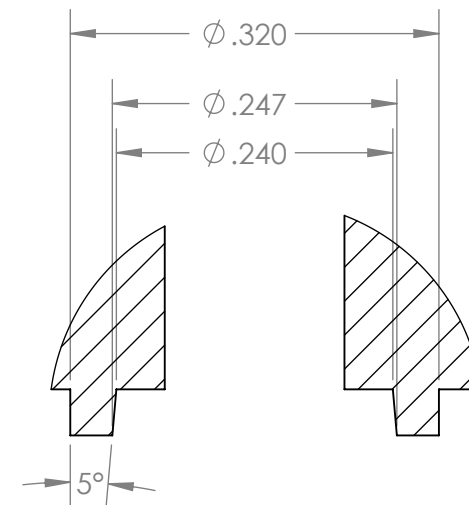
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R.120

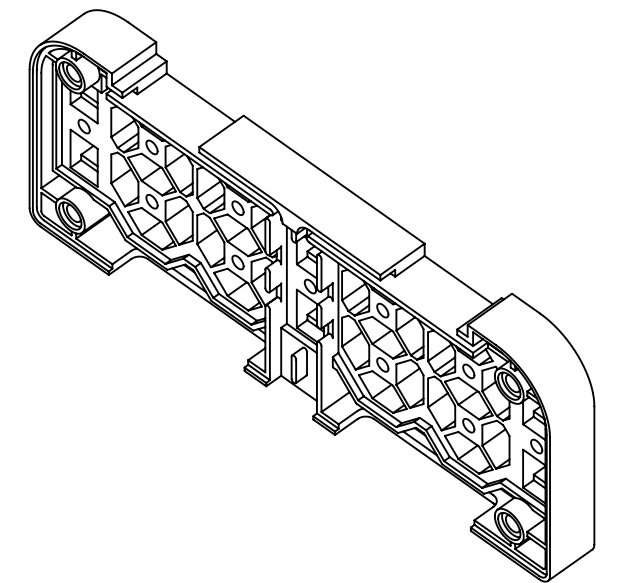
DETAIL E  
SCALE 4 : 1



DETAIL C  
SCALE 6 : 1



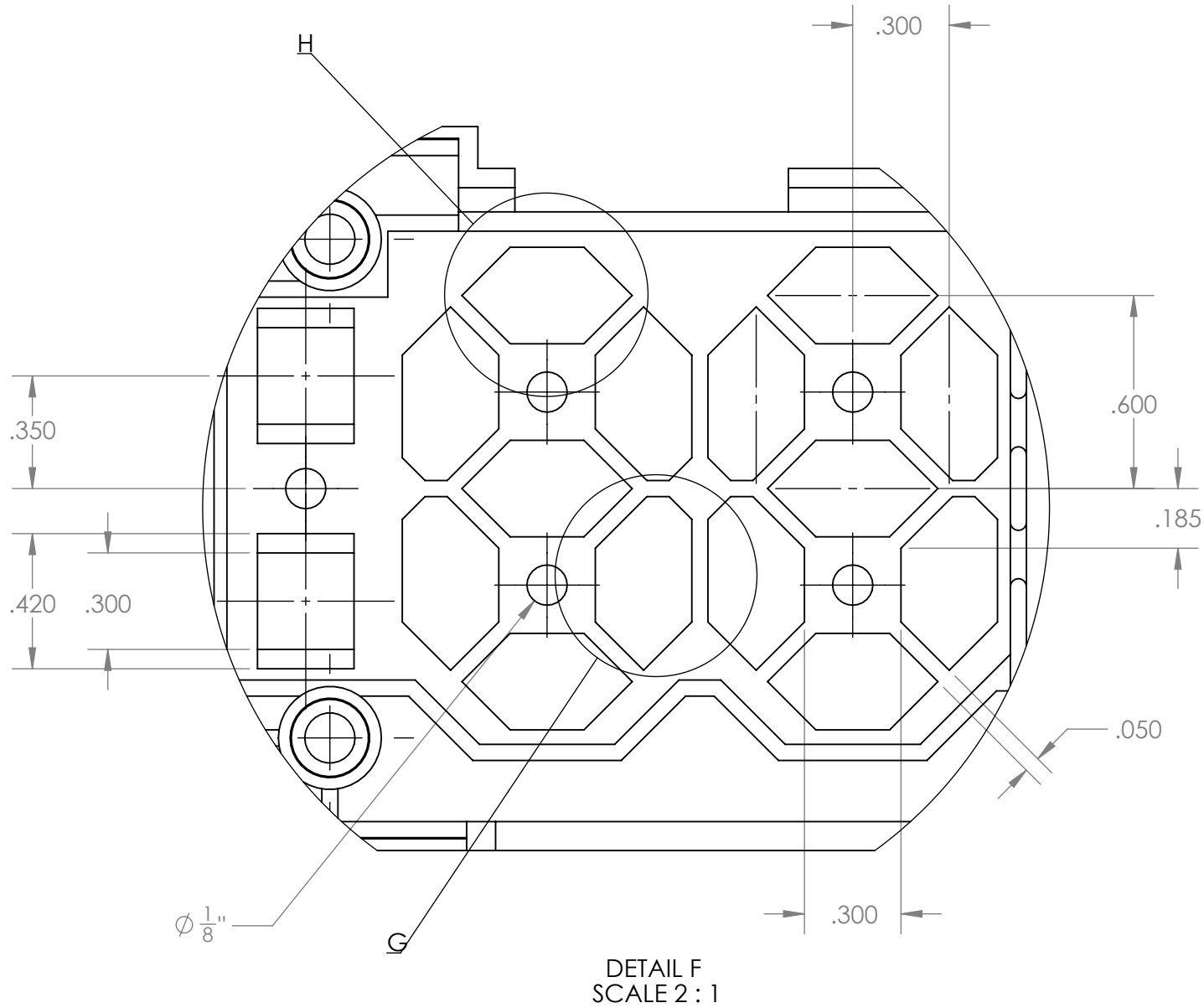
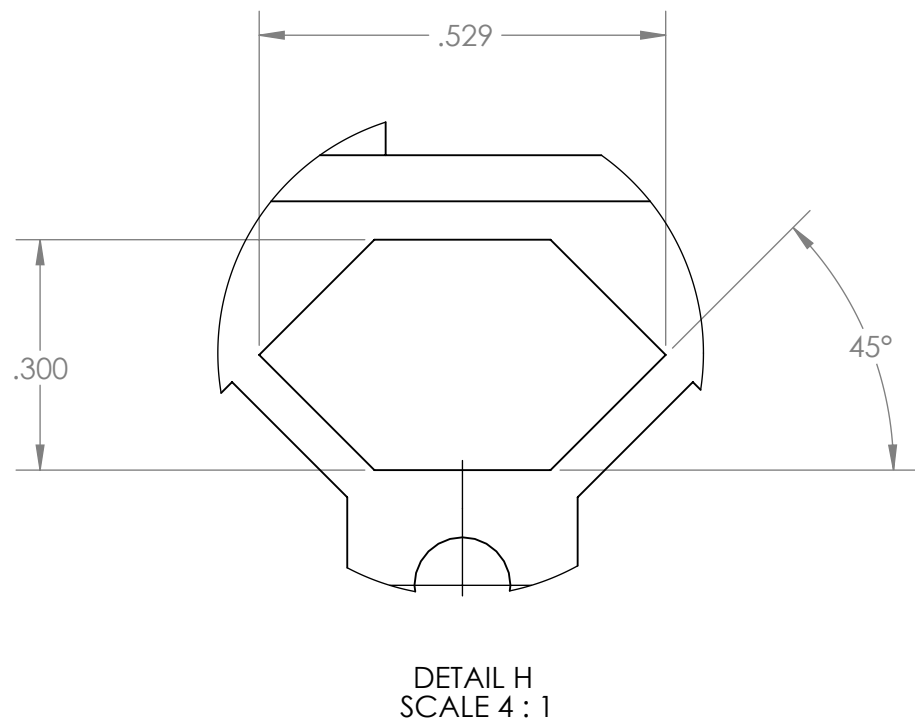
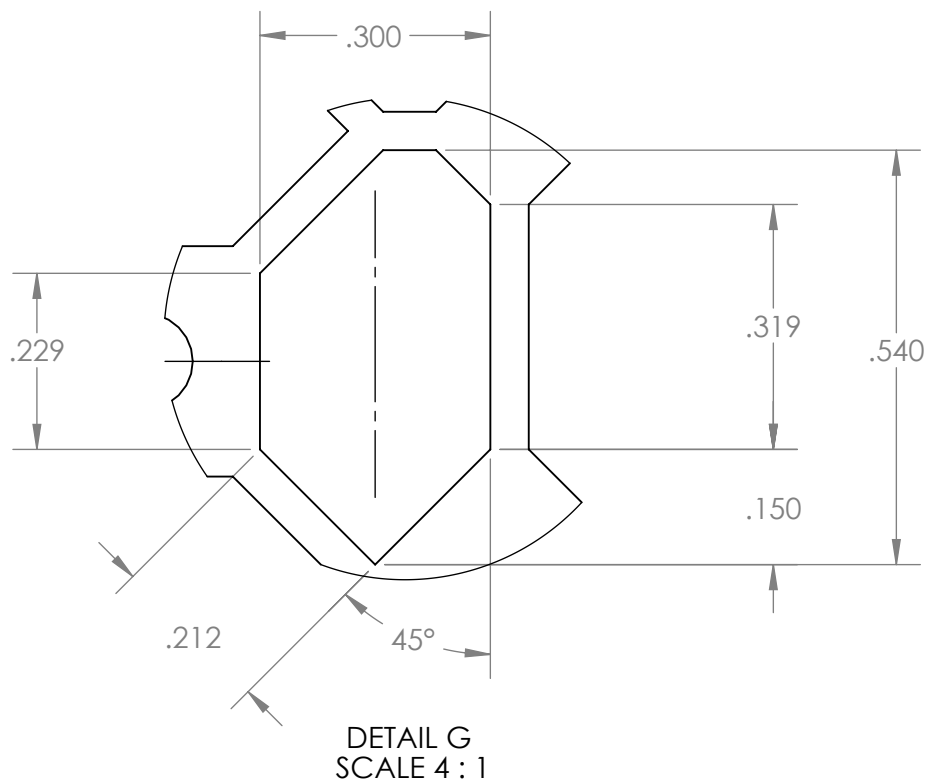
DETAIL B  
SCALE 6 : 1



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NOTES :  
MATERIAL VOLUME : 1.94 in<sup>3</sup>

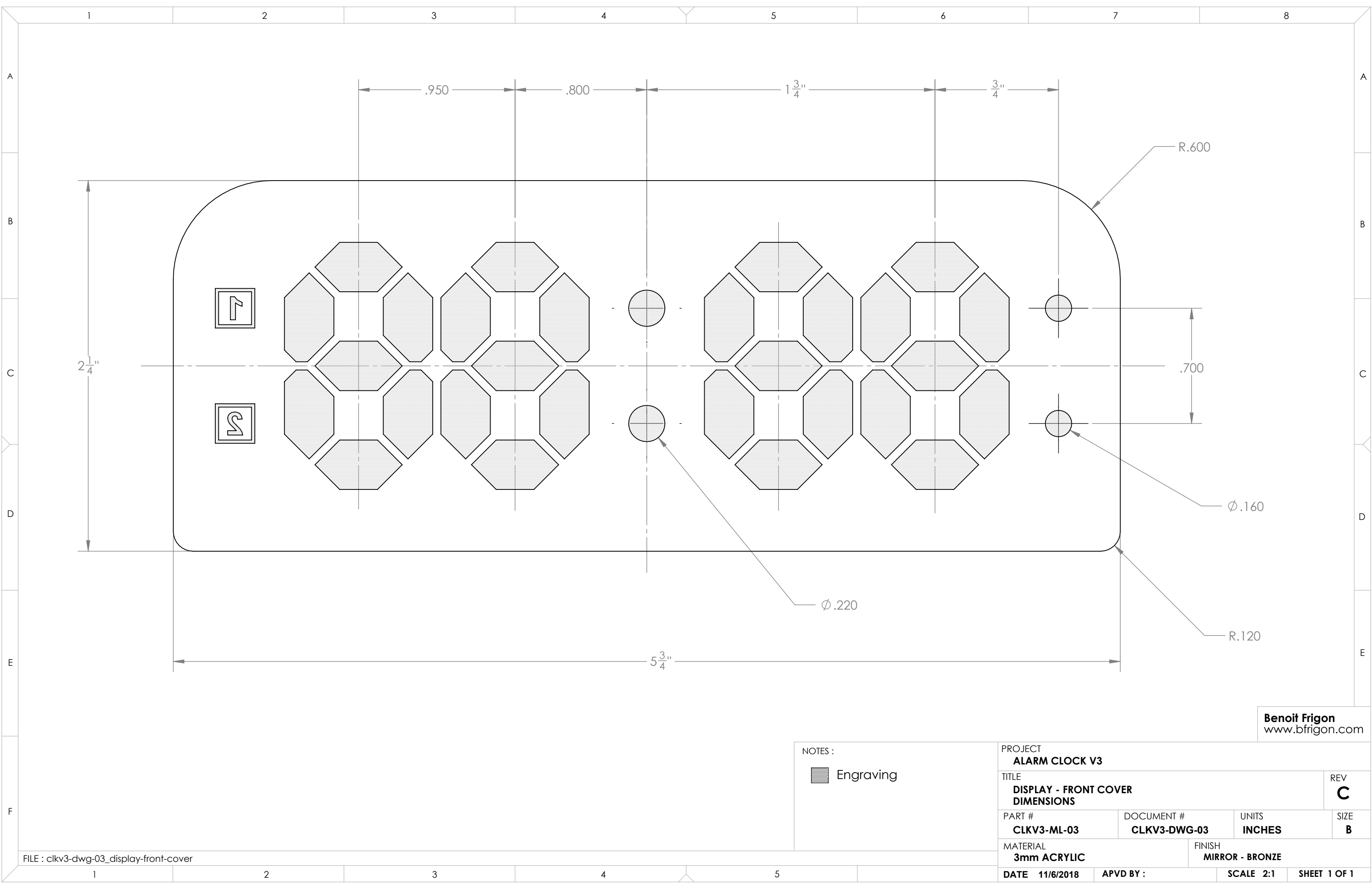
PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>DISPLAY - FRAME - FRONT DIMENSIONS</b>			REV <b>A</b>
PART # <b>CLKV3-ML-01</b>	DOCUMENT # <b>CLKV3-DWG-02</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL <b>NYLON</b>		FINISH <b>BLACK</b>	
DATE <b>11/6/2018</b>	APVD BY :	SCALE <b>1:1</b>	SHEET <b>1 OF 2</b>



NOTES :  
MATERIAL VOLUME : 1.94 in³


PROJECT ALARM CLOCK V3			
TITLE DISPLAY - FRAME - FRONT DETAILS			REV A
PART # CLKV3-ML-01	DOCUMENT # CLKV3-DWG-02	UNITS INCHES	SIZE B
MATERIAL NYLON		FINISH BLACK	
DATE 11/6/2018	APVD BY :	SCALE 1:1	SHEET 2 OF 2

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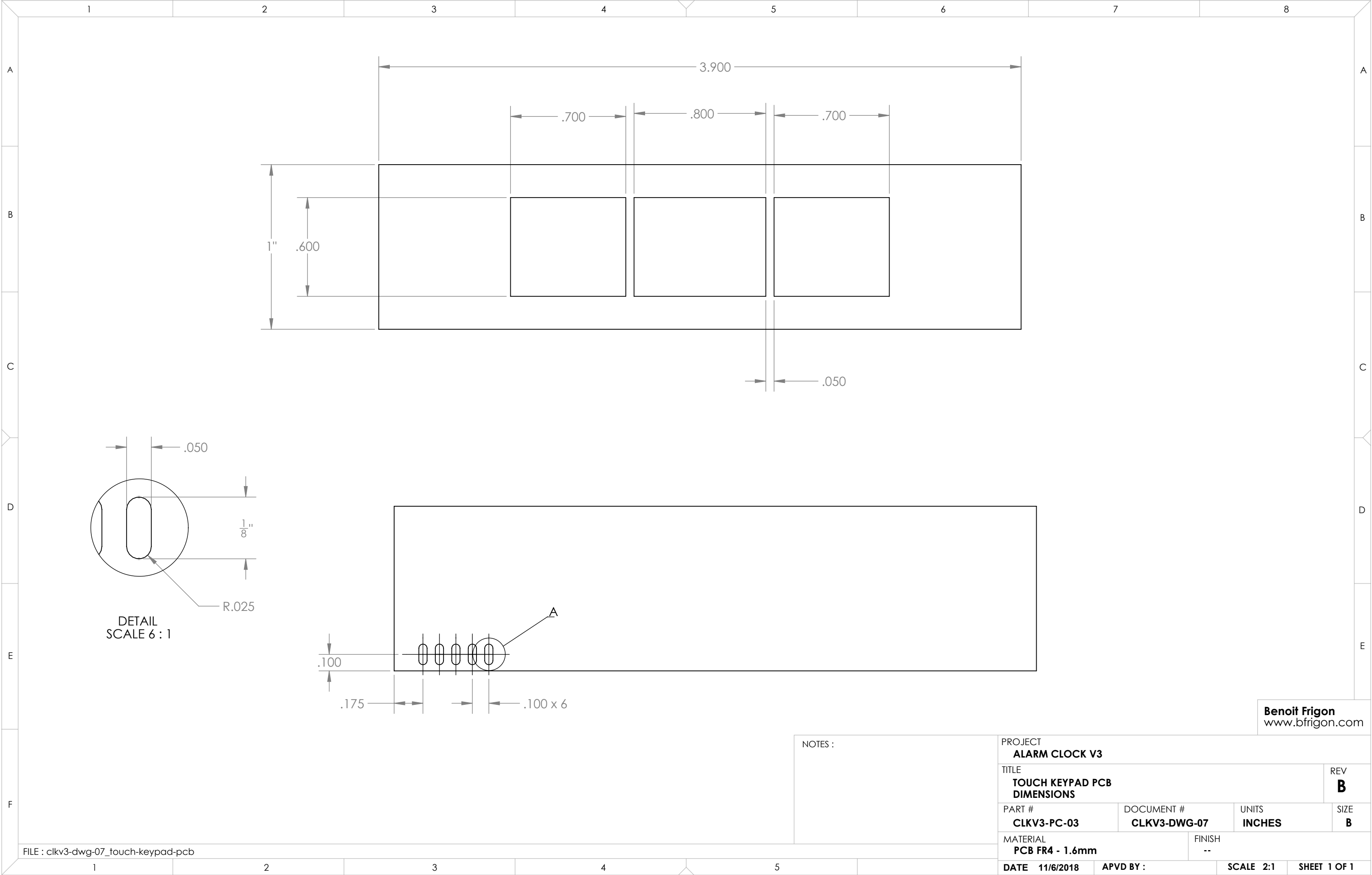


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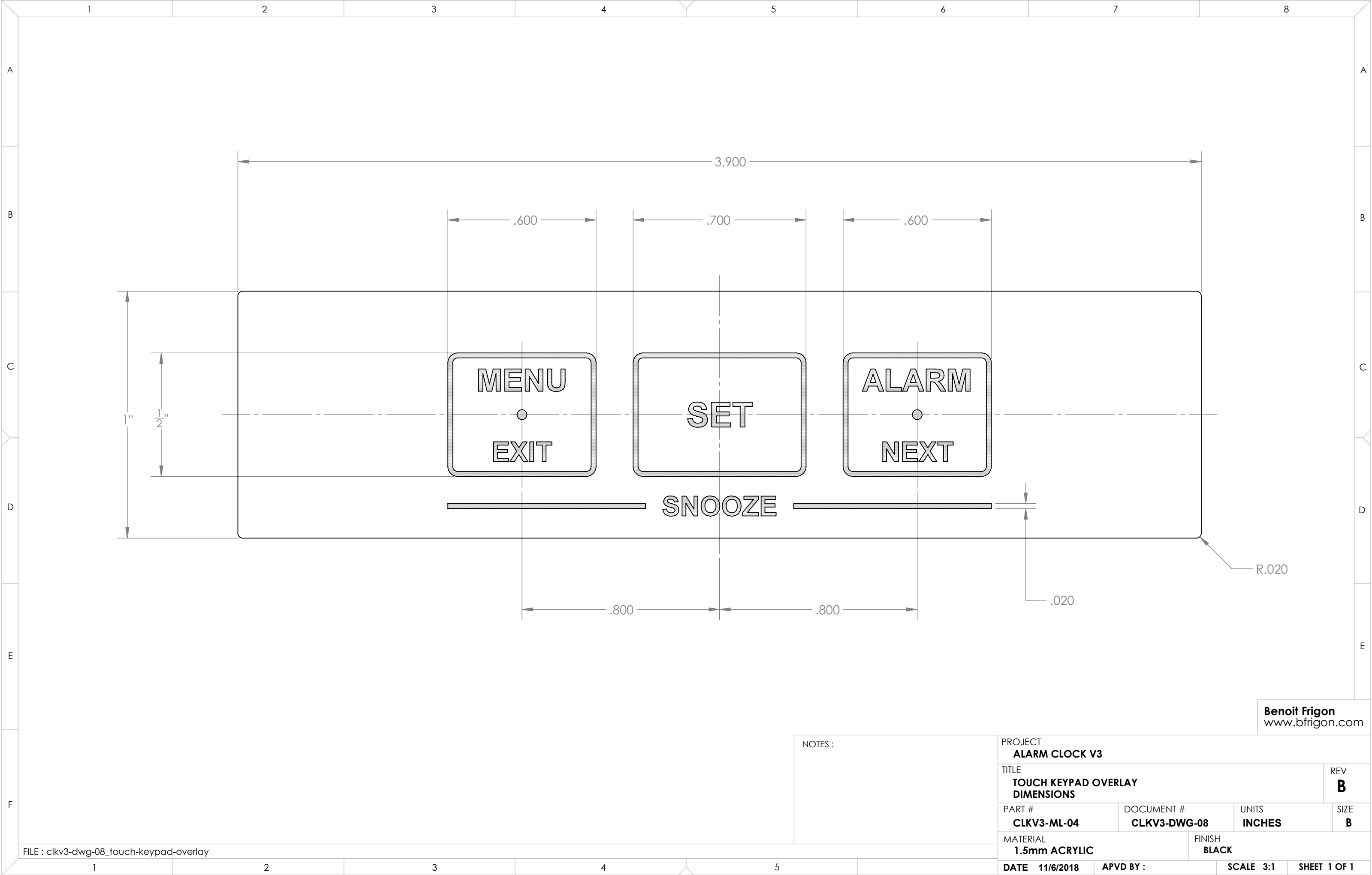
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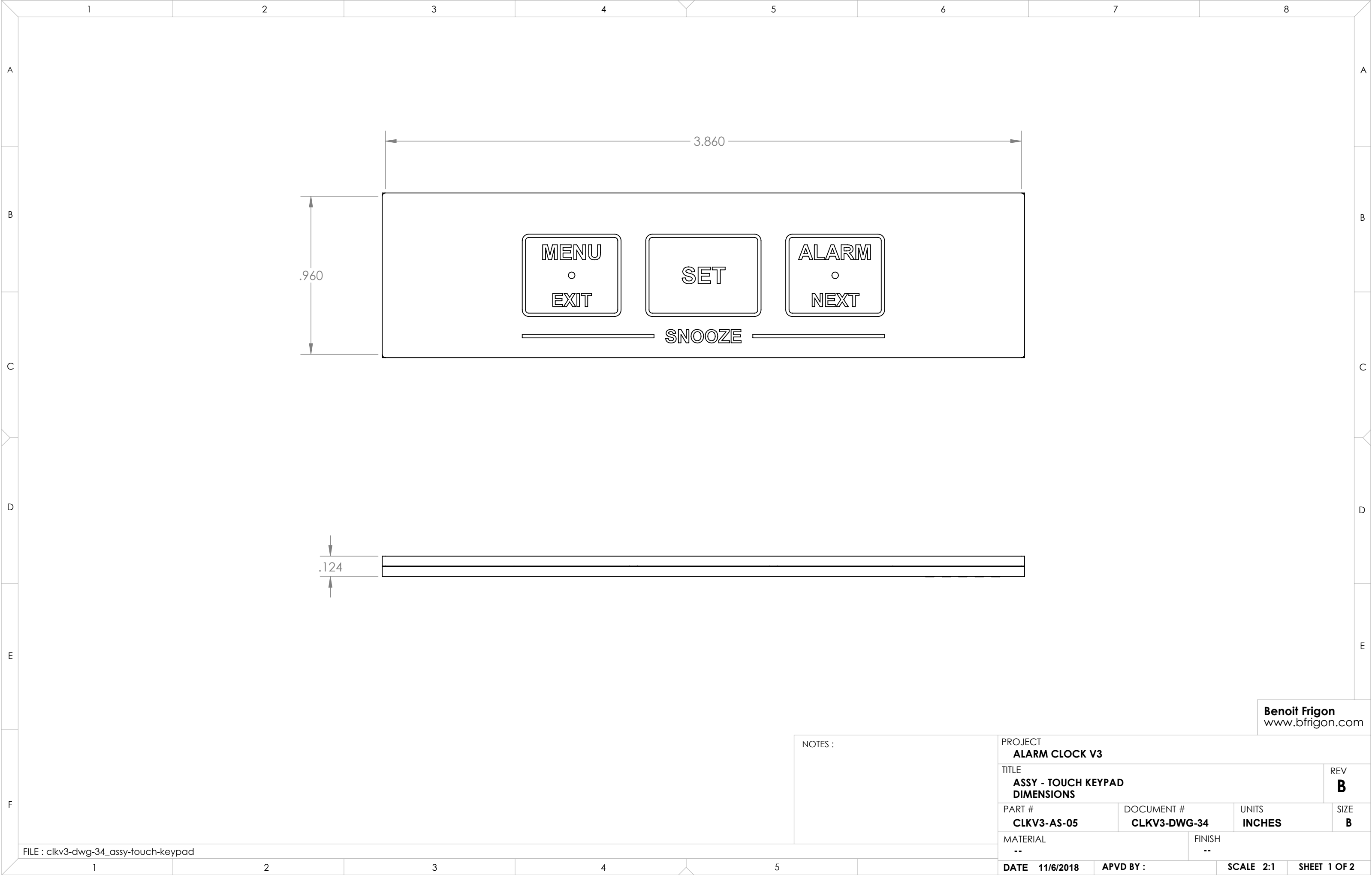
 Engraving

PROJECT				
ALARM CLOCK V3				
TITLE				REV
DISPLAY - FRONT COVER DIMENSIONS				C
PART #		DOCUMENT #	UNITS	SIZE
CLKV3-ML-03		CLKV3-DWG-03	INCHES	B
MATERIAL			FINISH	
3mm ACRYLIC			MIRROR - BRONZE	
DATE	11/6/2018	APVD BY :		SCALE 2:1
				SHEET 1 OF 1

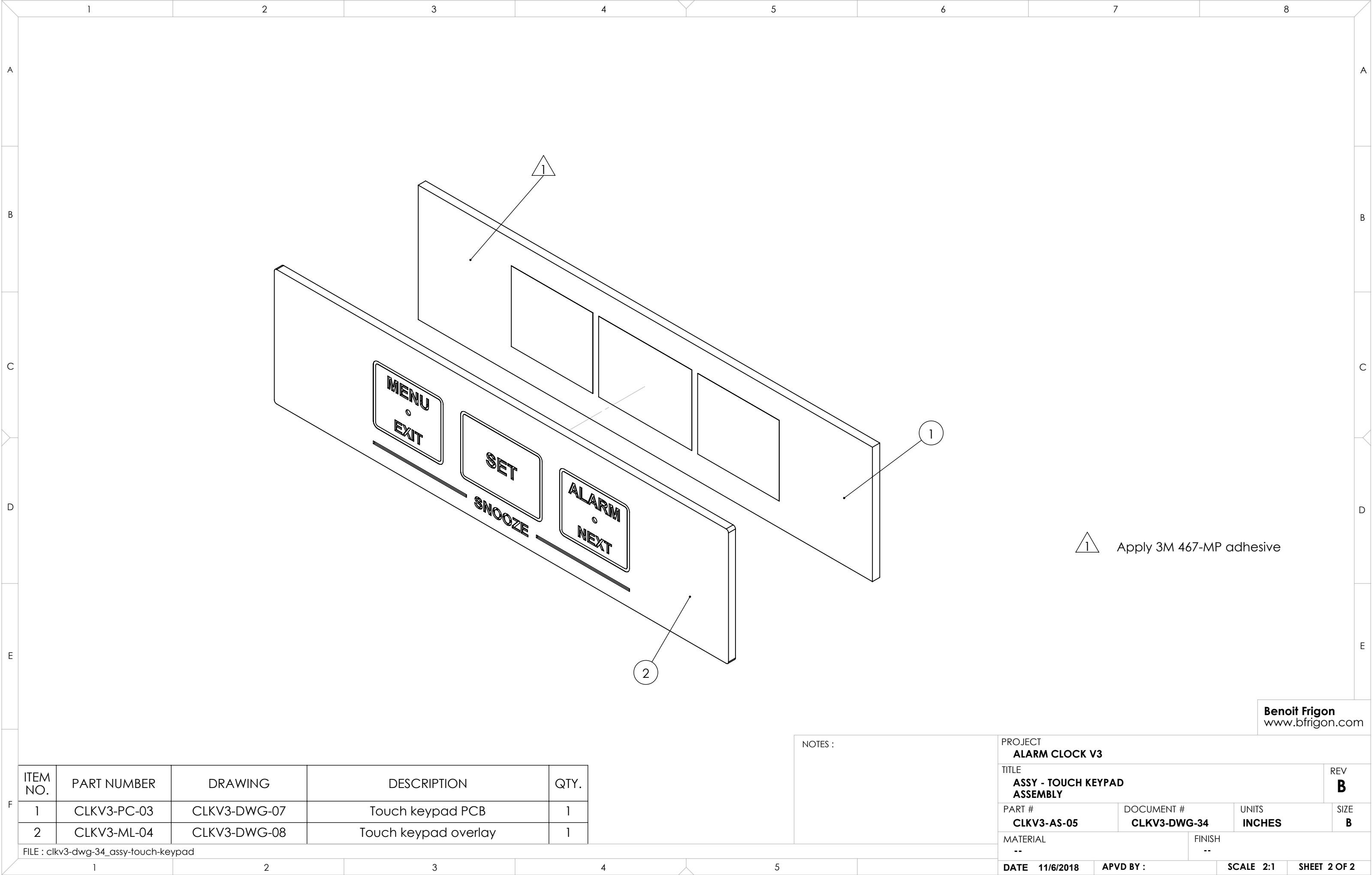








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1 Apply 3M 467-MP adhesive

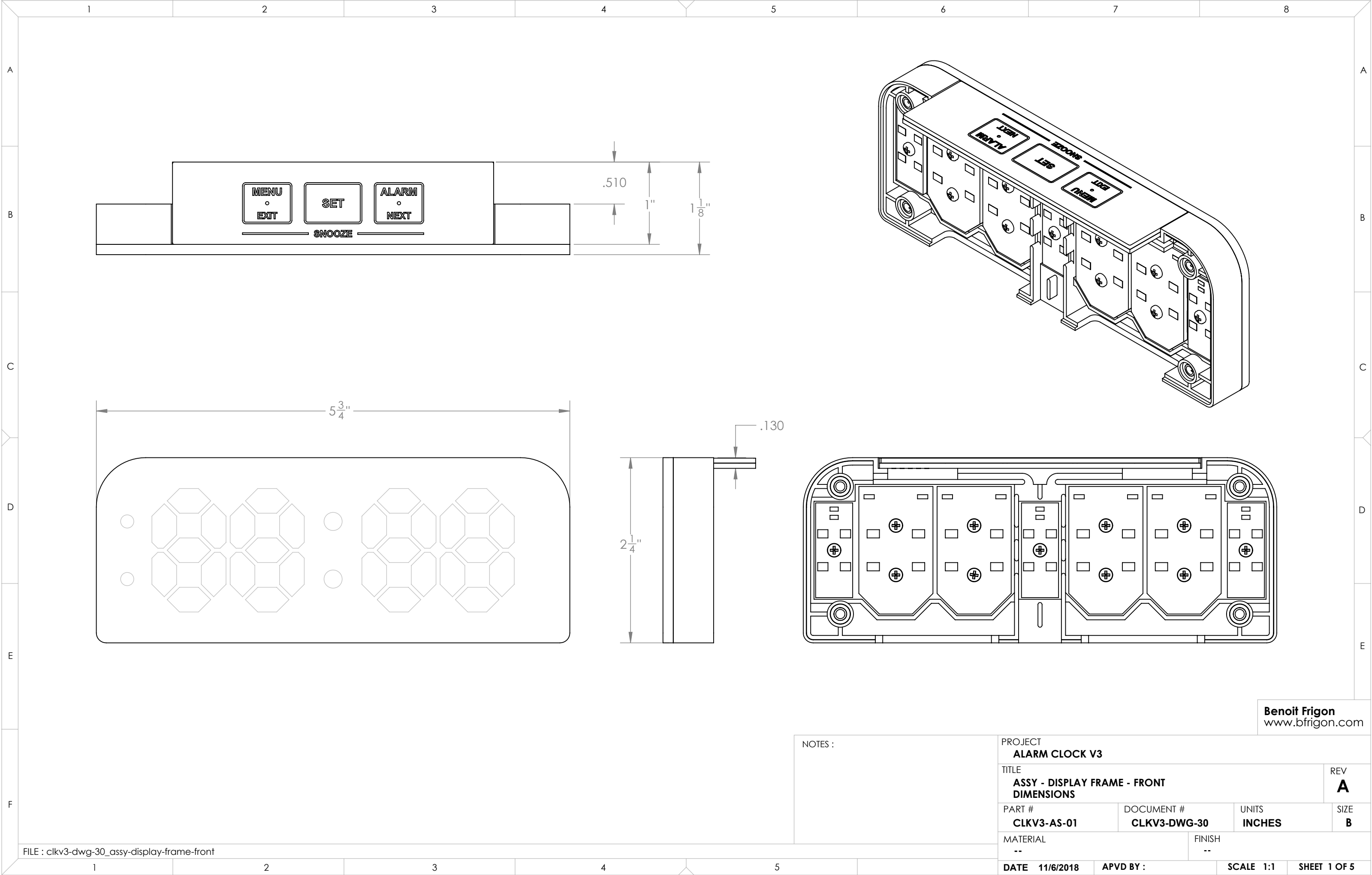
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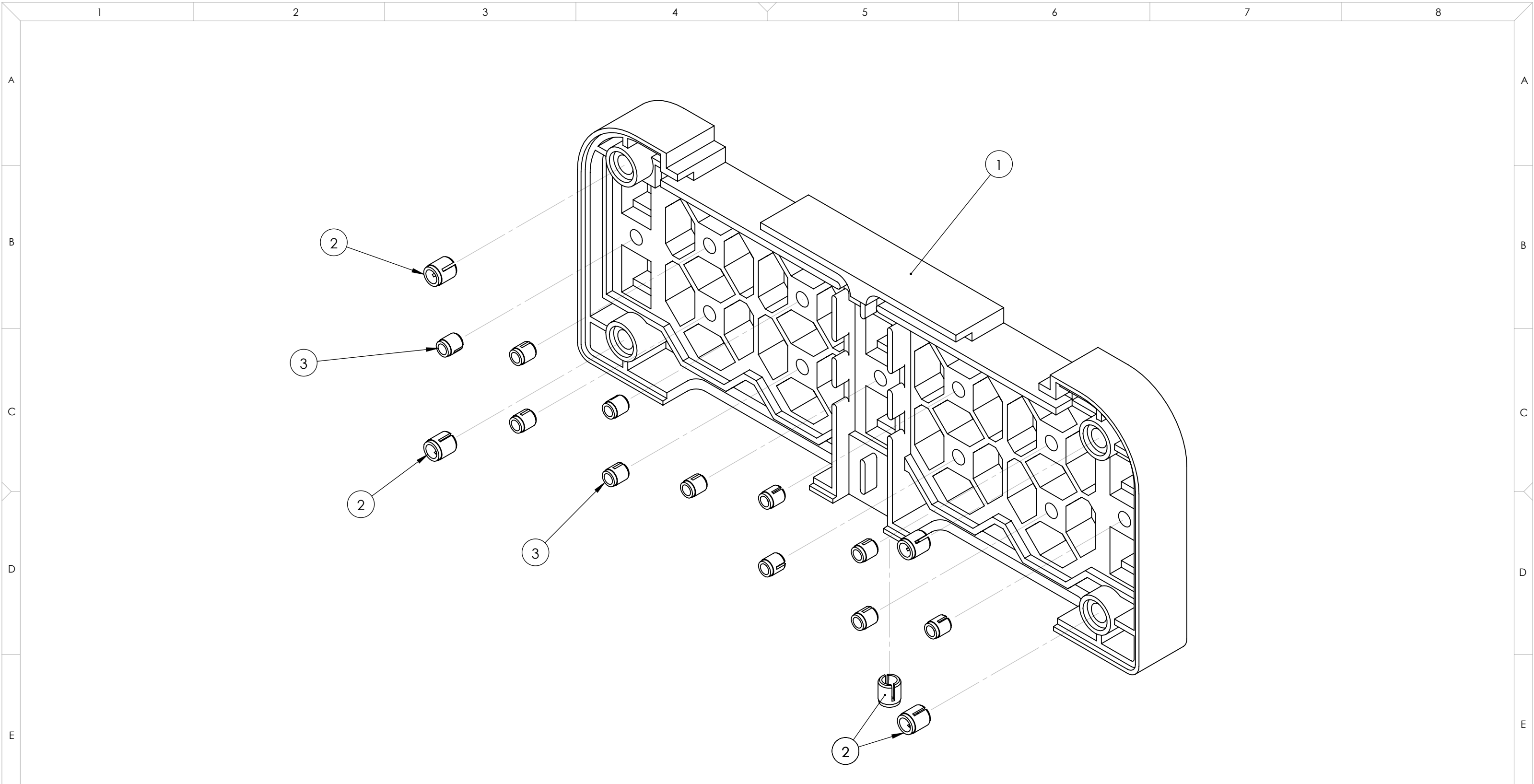
ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-PC-03	CLKV3-DWG-07	Touch keypad PCB	1
2	CLKV3-ML-04	CLKV3-DWG-08	Touch keypad overlay	1

FILE : clkv3-dwg-34\_assy-touch-keypad

NOTES :

PROJECT ALARM CLOCK V3				
TITLE ASSY - TOUCH KEYPAD ASSEMBLY				REV B
PART # CLKV3-AS-05		DOCUMENT # CLKV3-DWG-34	UNITS INCHES	SIZE B
MATERIAL --			FINISH --	
DATE	11/6/2018	APVD BY :	SCALE 2:1	SHEET 2 OF 2





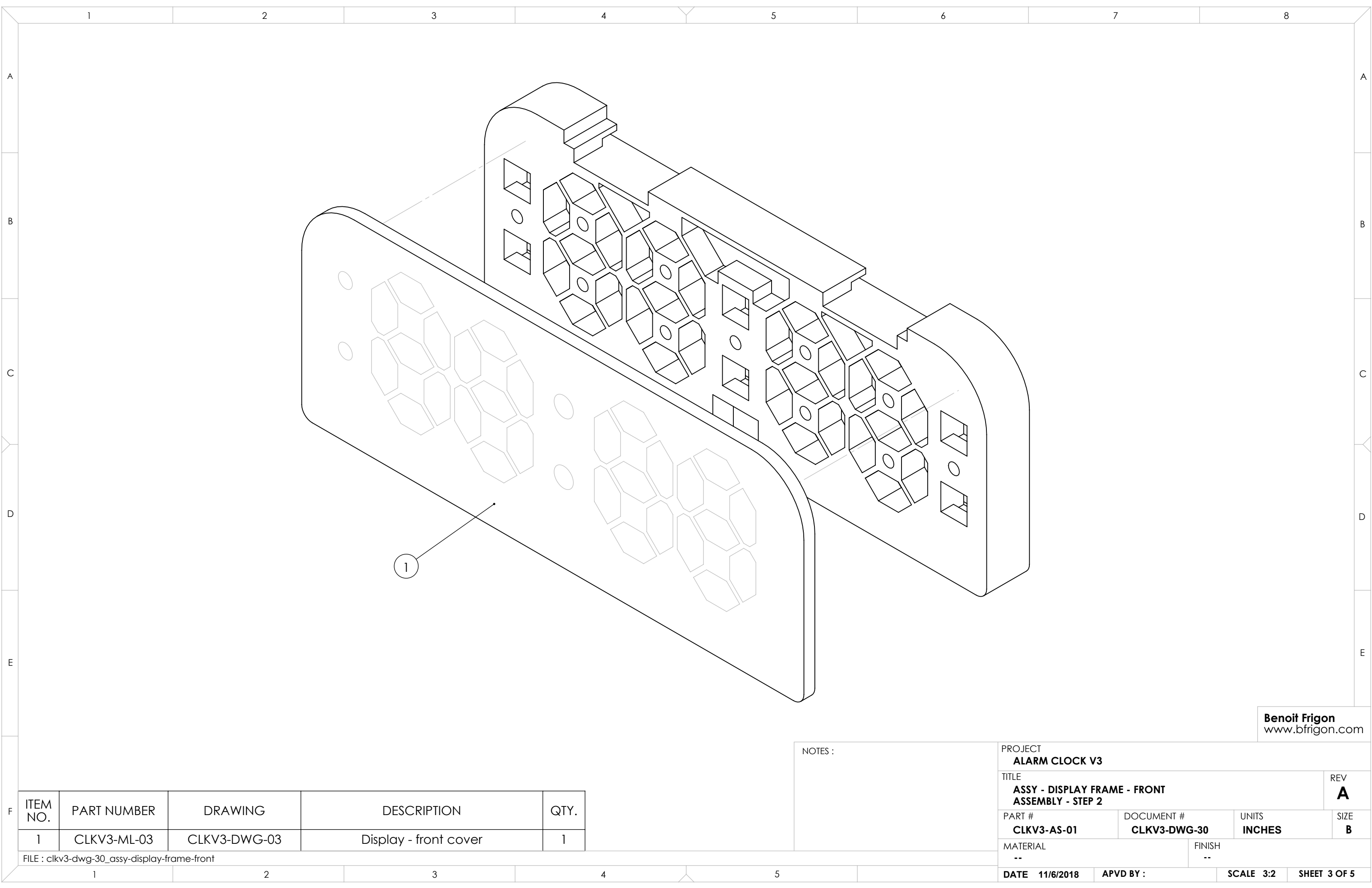
Benoit Frigon  
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ITEM NO.	PART NUMBER	MFG	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-01	--	CLKV3-DWG-02	Display panel - Frame - Front	1
2	240-004-BR	E-Z LOK	--	Threaded insert - Flush - #4-40	5
3	240-002-BR	E-Z LOK	--	Threaded insert - Flush - #2-56	11

FILE : clkv3-dwg-30\_assy-display-frame-front

NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY FRAME - FRONT ASSEMBLY - STEP 1			REV A
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-30	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:2	SHEET 2 OF 5



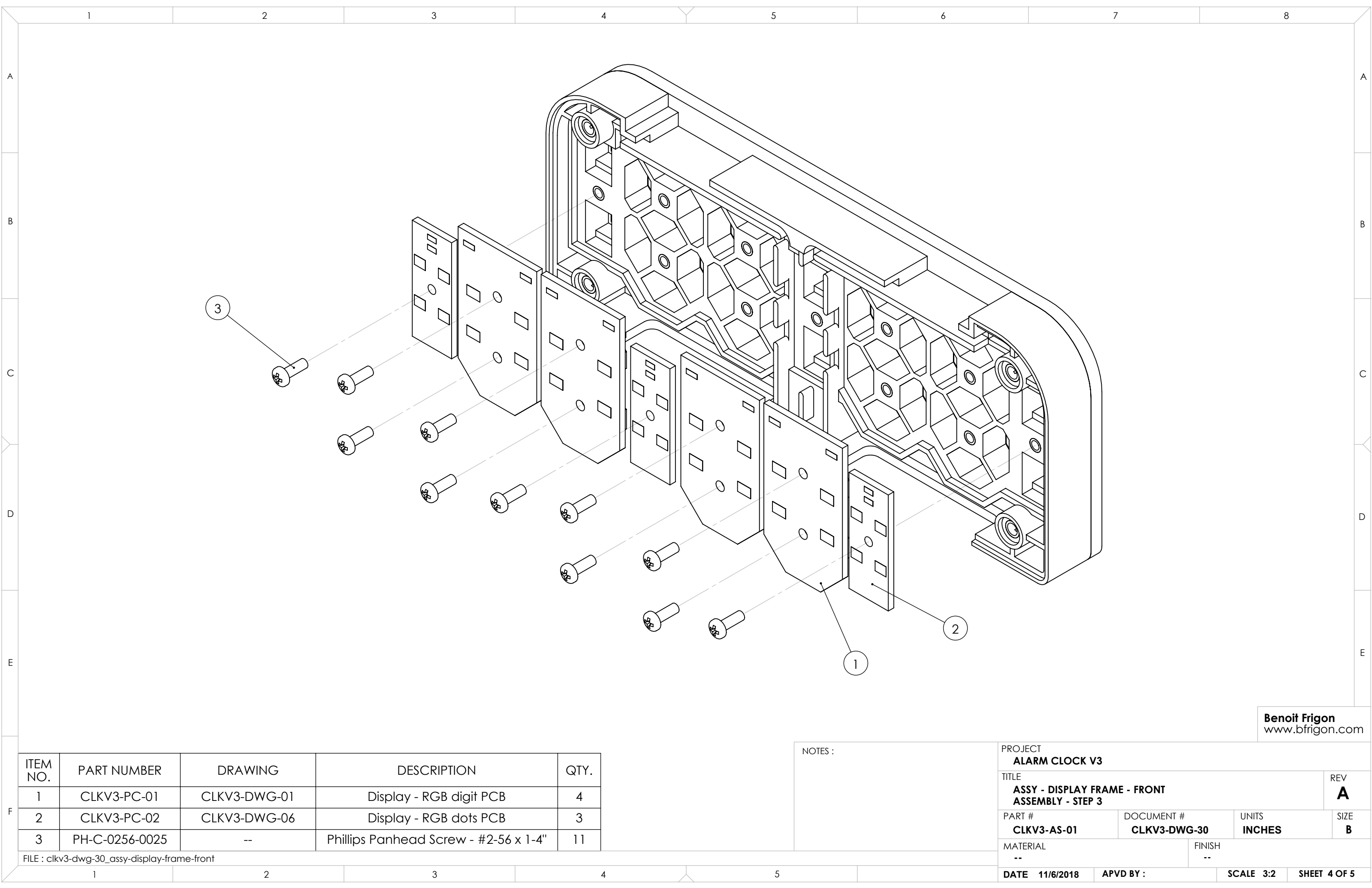
**Benoit Frigon**  
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NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY FRAME - FRONT ASSEMBLY - STEP 2			REV A
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-30	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :		SCALE 3:2 SHEET 3 OF 5

ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-03	CLKV3-DWG-03	Display - front cover	1

FILE : clkv3-dwg-30\_assy-display-frame-front



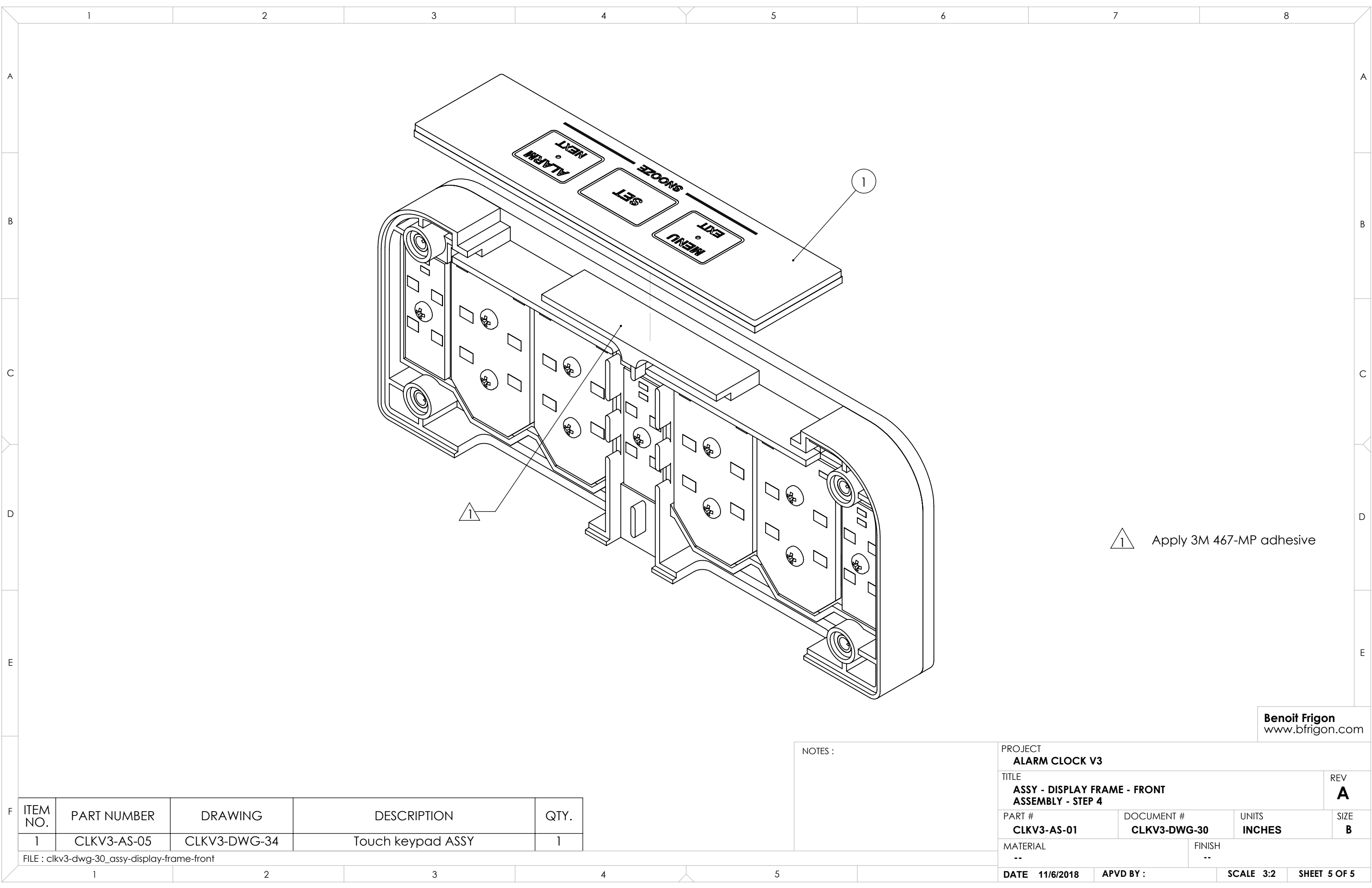
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ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-PC-01	CLKV3-DWG-01	Display - RGB digit PCB	4
2	CLKV3-PC-02	CLKV3-DWG-06	Display - RGB dots PCB	3
3	PH-C-0256-0025	--	Phillips Panhead Screw - #2-56 x 1-4"	11

FILE : clkv3-dwg-30\_assy-display-frame-front

NOTES :

PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>ASSY - DISPLAY FRAME - FRONT ASSEMBLY - STEP 3</b>			REV <b>A</b>
PART # <b>CLKV3-AS-01</b>	DOCUMENT # <b>CLKV3-DWG-30</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL --		FINISH --	
DATE <b>11/6/2018</b>	APVD BY :		SCALE <b>3:2</b> SHEET <b>4 OF 5</b>



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NOTES :

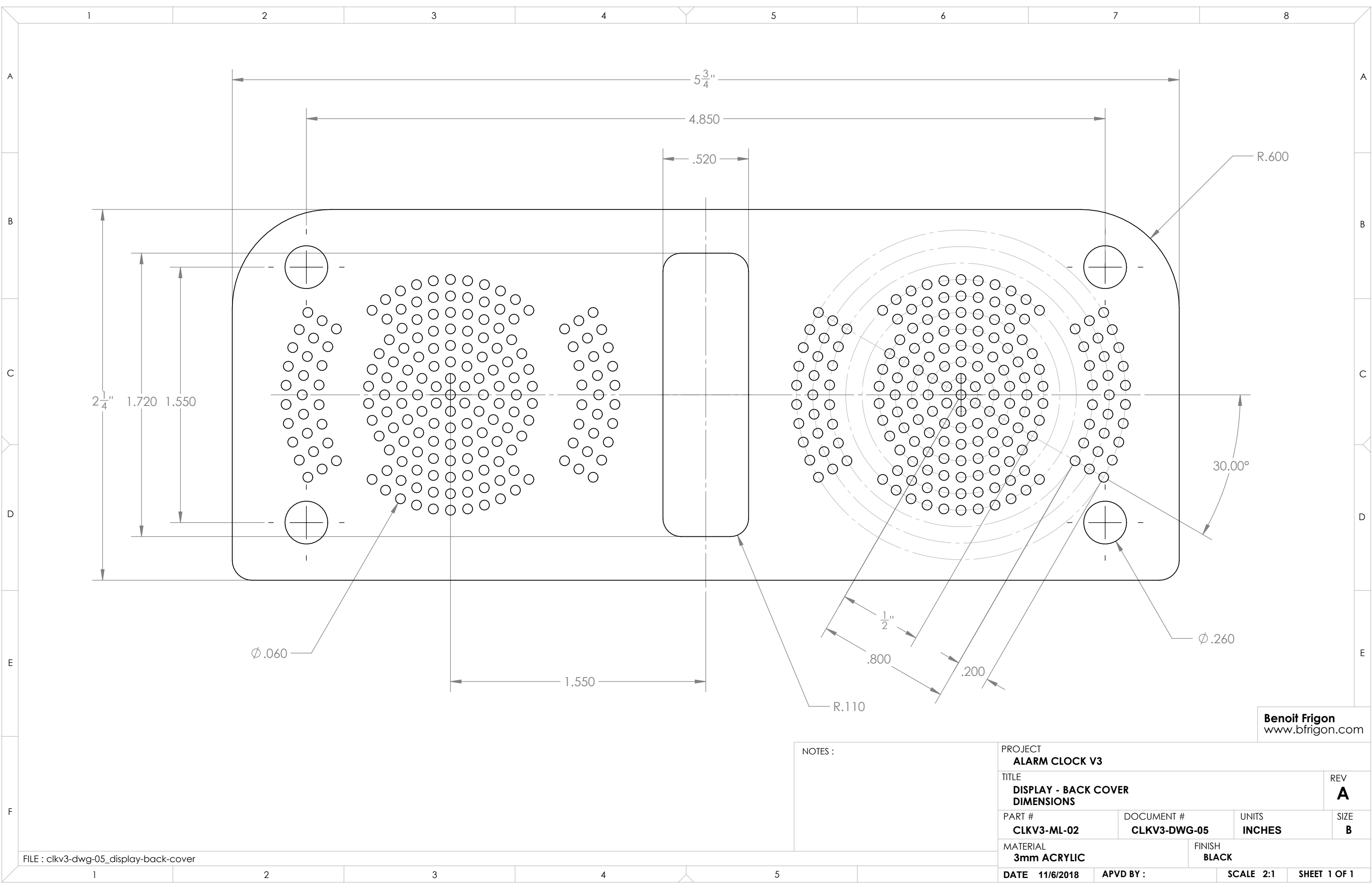
PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY FRAME - FRONT ASSEMBLY - STEP 4			REV A
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-30	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :		SCALE 3:2 SHEET 5 OF 5

ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-AS-05	CLKV3-DWG-34	Touch keypad ASSY	1

FILE : clkv3-dwg-30\_assy-display-frame-front



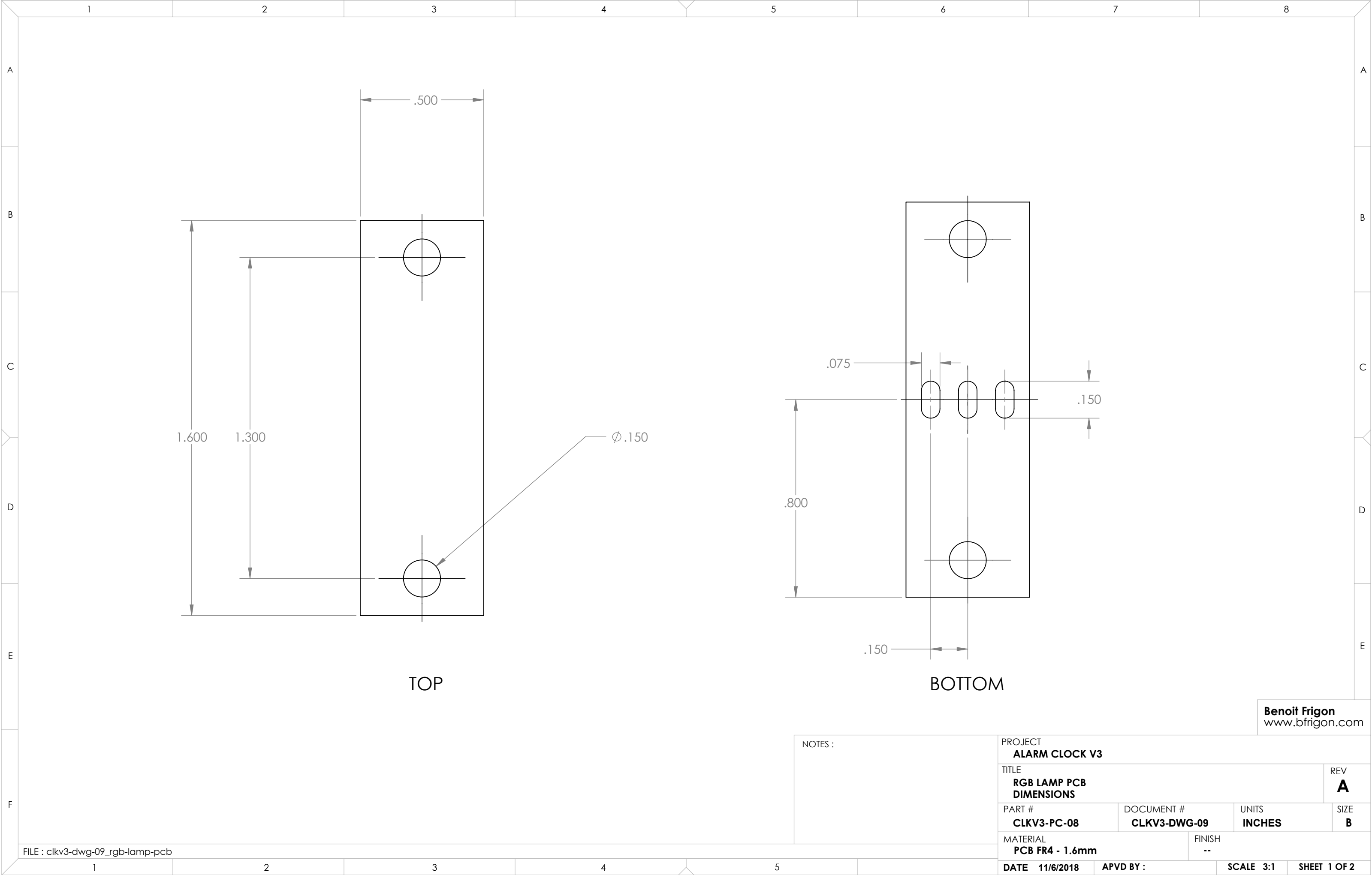


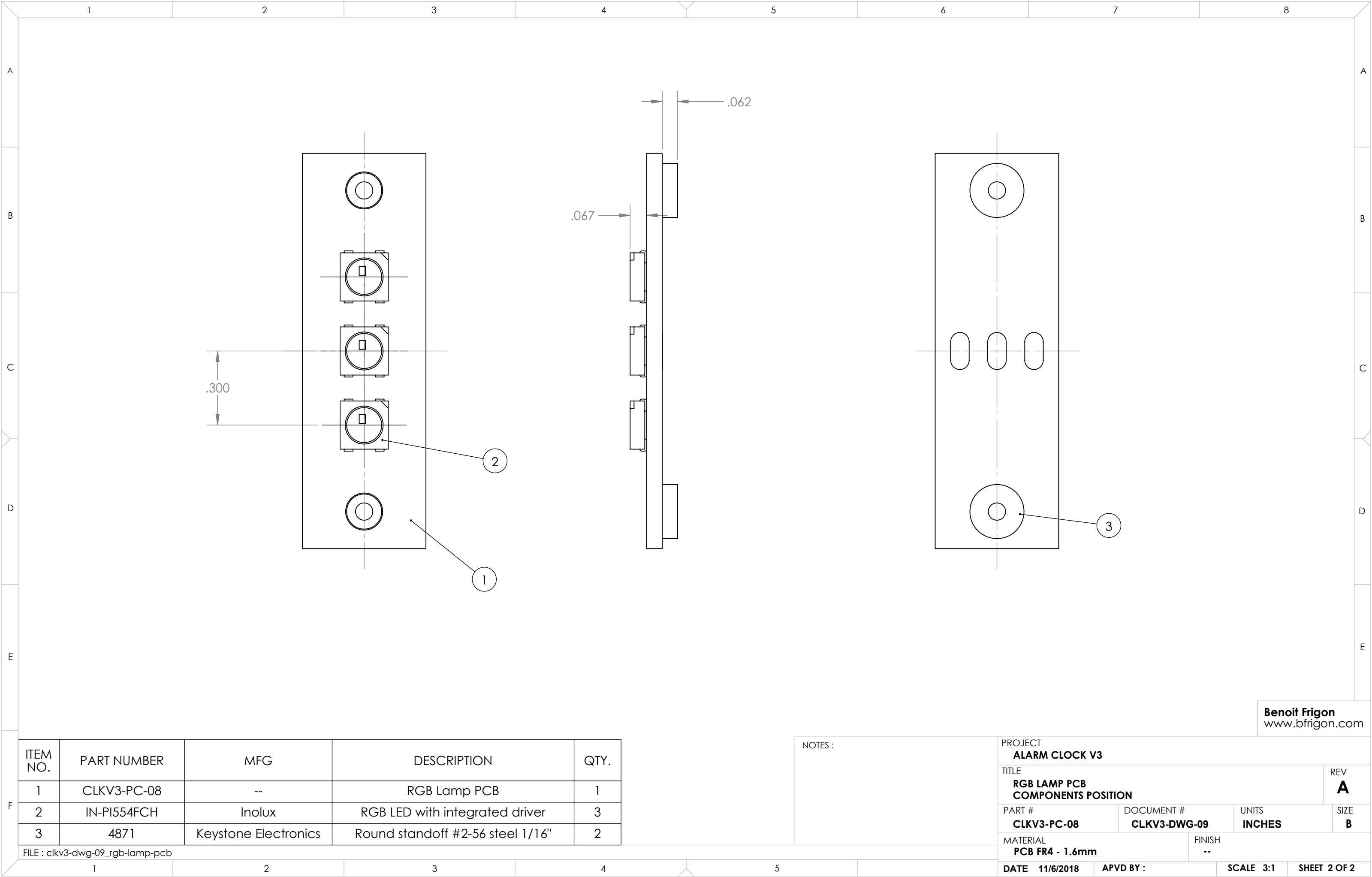


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NOTES :

PROJECT				
ALARM CLOCK V3				
TITLE				REV
DISPLAY - BACK COVER DIMENSIONS				A
PART #		DOCUMENT #	UNITS	SIZE
CLKV3-ML-02		CLKV3-DWG-05	INCHES	B
MATERIAL			FINISH	
3mm ACRYLIC			BLACK	
DATE	11/6/2018	APVD BY :		SCALE 2:1
				SHEET 1 OF 1





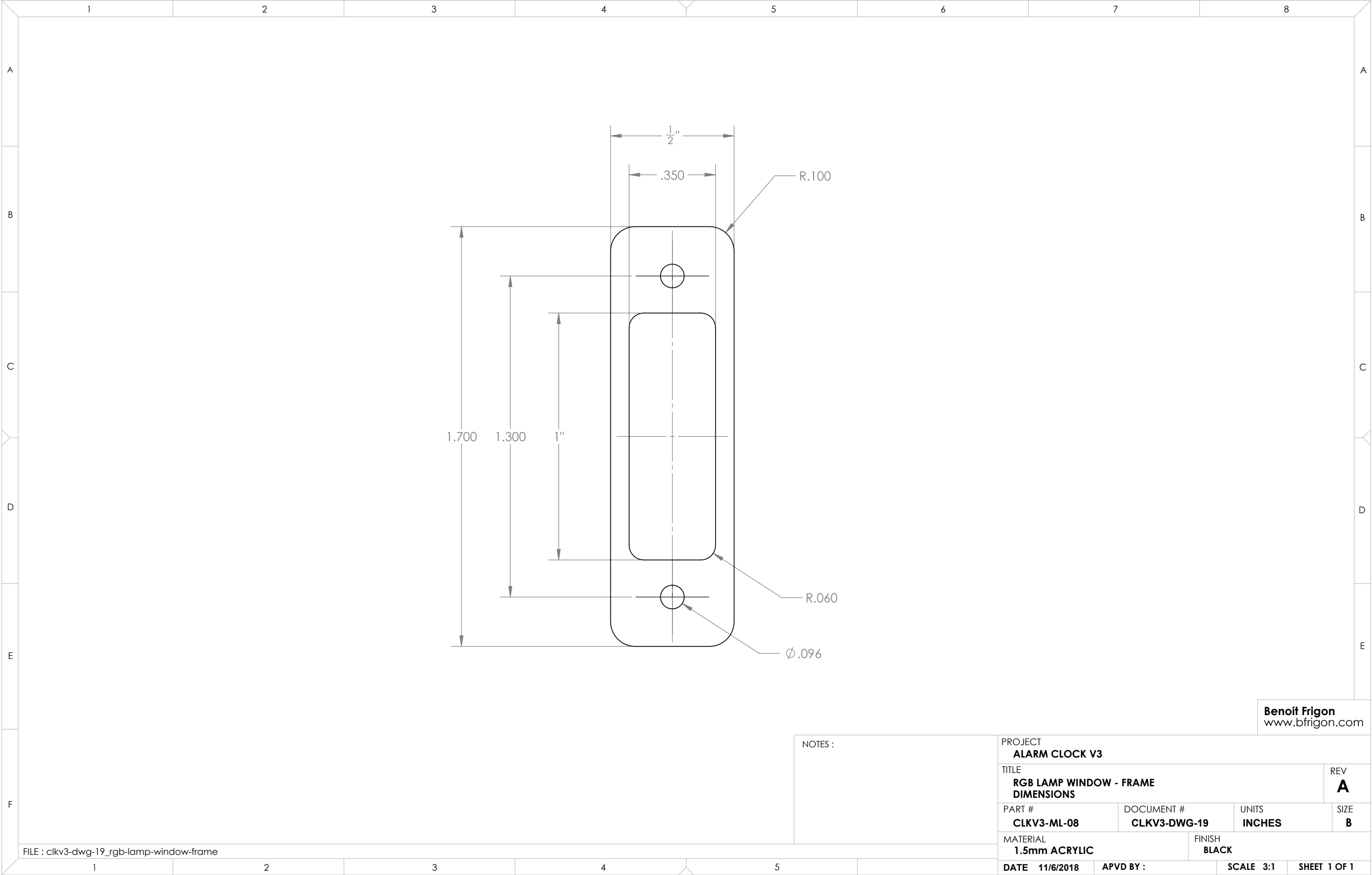
ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	CLKV3-PC-08	--	RGB Lamp PCB	1
2	IN-PI554FCH	Inolux	RGB LED with integrated driver	3
3	4871	Keystone Electronics	Round standoff #2-56 steel 1/16"	2

FILE : clkv3-dwg-09\_rgb-lamp-pcb

NOTES :

PROJECT ALARM CLOCK V3			
TITLE RGB LAMP PCB COMPONENTS POSITION			REV A
PART # CLKV3-PC-08	DOCUMENT # CLKV3-DWG-09	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:1	SHEET 2 OF 2

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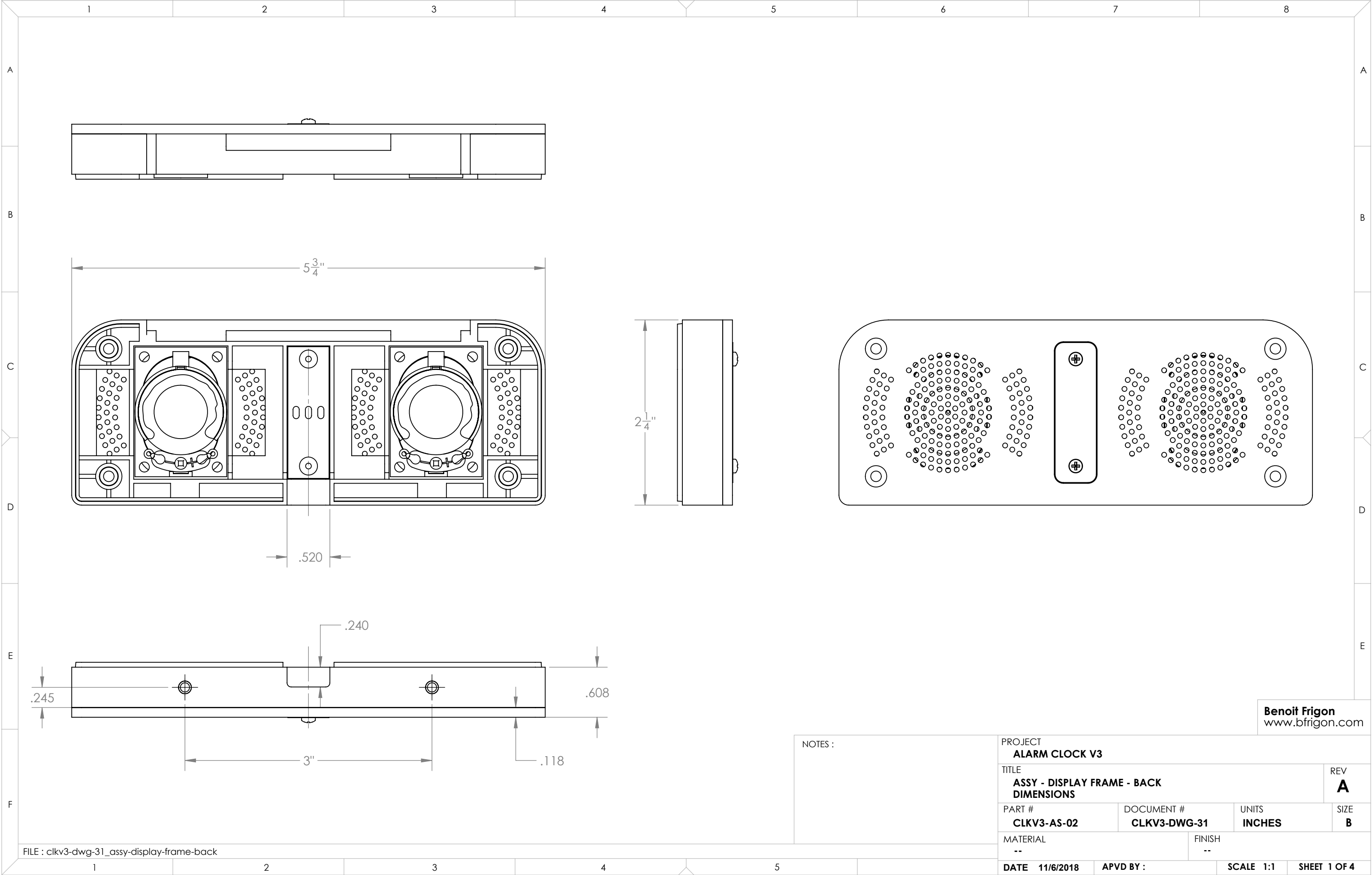


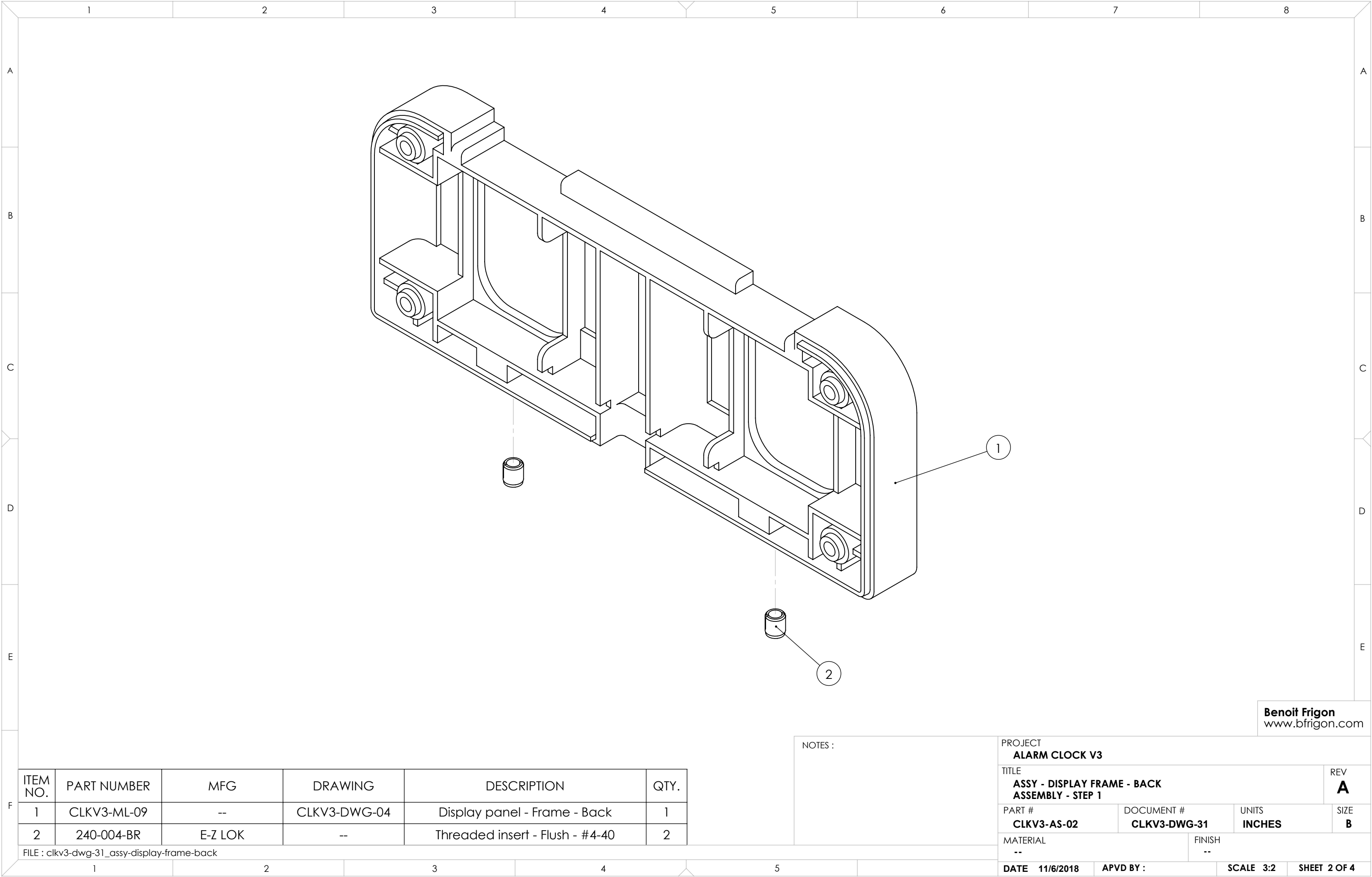
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NOTES :

PROJECT ALARM CLOCK V3			
TITLE RGB LAMP WINDOW - FRAME DIMENSIONS			REV A
PART # CLKV3-ML-08	DOCUMENT # CLKV3-DWG-19	UNITS INCHES	SIZE B
MATERIAL 1.5mm ACRYLIC		FINISH BLACK	
DATE 11/6/2018	APVD BY :		SCALE 3:1 SHEET 1 OF 1







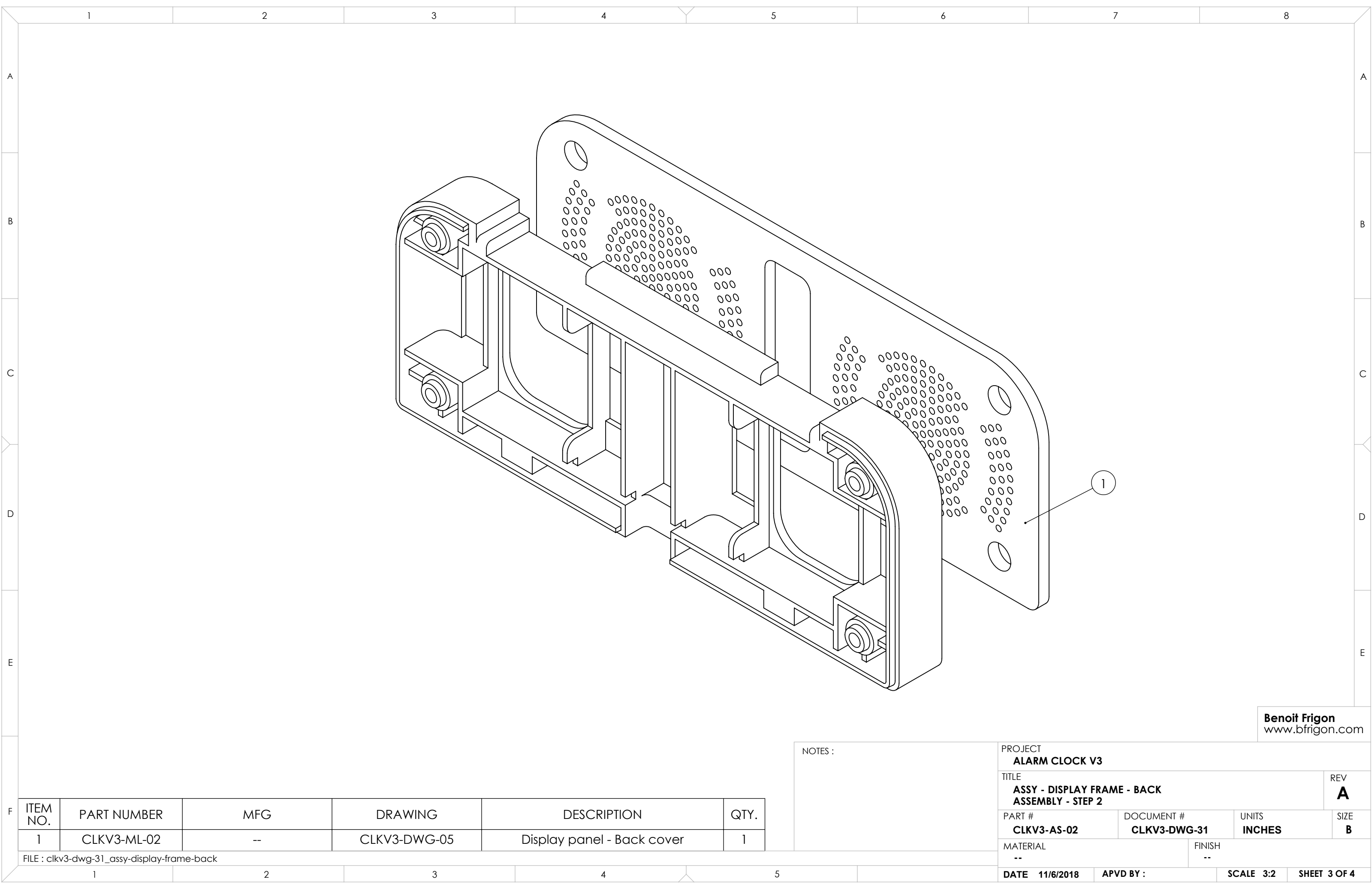
ITEM NO.	PART NUMBER	MFG	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-09	--	CLKV3-DWG-04	Display panel - Frame - Back	1
2	240-004-BR	E-Z LOK	--	Threaded insert - Flush - #4-40	2

FILE : clkv3-dwg-31\_assy-display-frame-back

NOTES :

PROJECT ALARM CLOCK V3				
TITLE ASSY - DISPLAY FRAME - BACK ASSEMBLY - STEP 1				REV A
PART # CLKV3-AS-02		DOCUMENT # CLKV3-DWG-31	UNITS INCHES	SIZE B
MATERIAL --		FINISH --		
DATE	11/6/2018	APVD BY :	SCALE 3:2	SHEET 2 OF 4





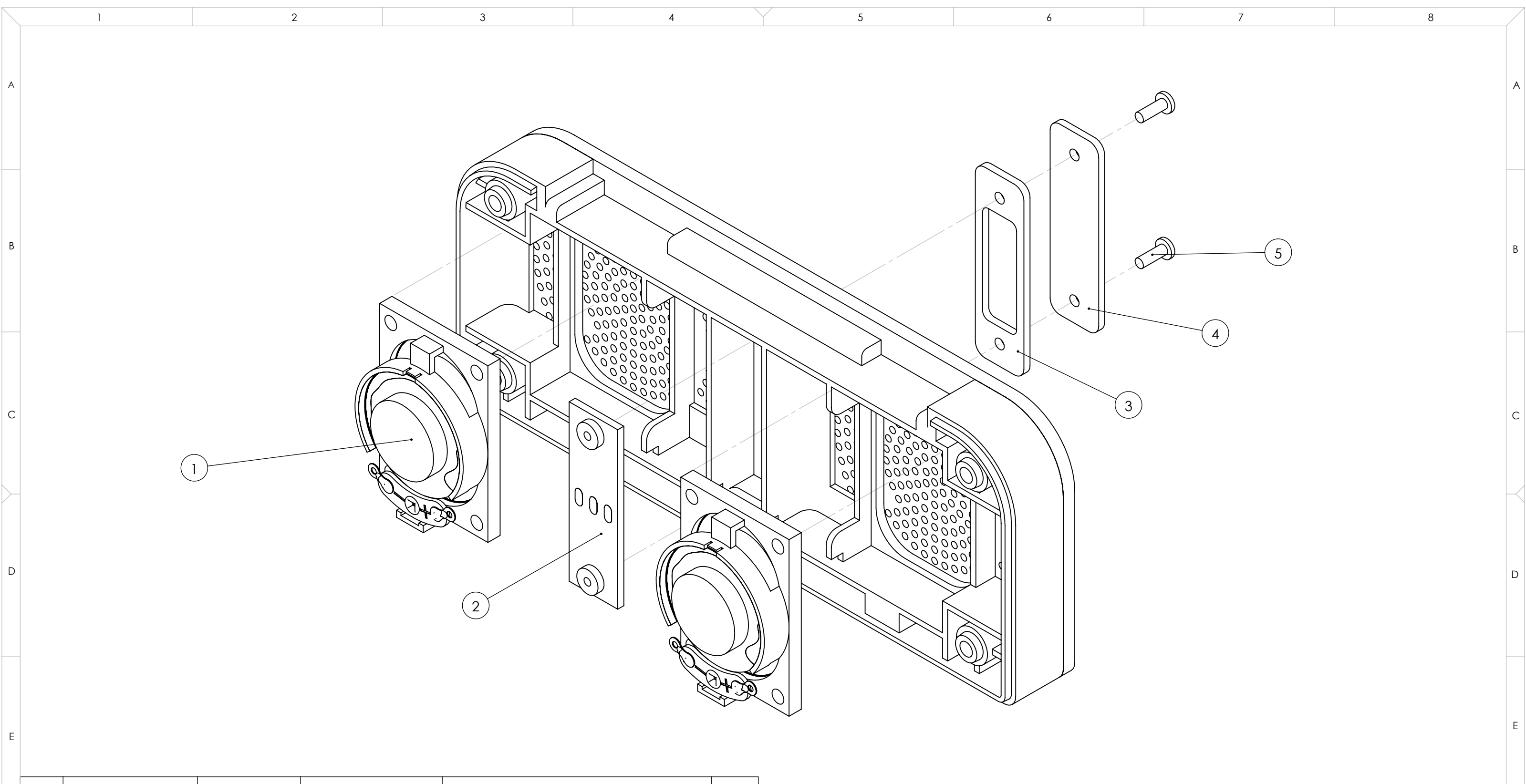
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NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY FRAME - BACK ASSEMBLY - STEP 2			REV A
PART # CLKV3-AS-02	DOCUMENT # CLKV3-DWG-31	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :		SCALE 3:2 SHEET 3 OF 4

ITEM NO.	PART NUMBER	MFG	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-02	--	CLKV3-DWG-05	Display panel - Back cover	1

FILE : clkv3-dwg-31\_assy-display-frame-back

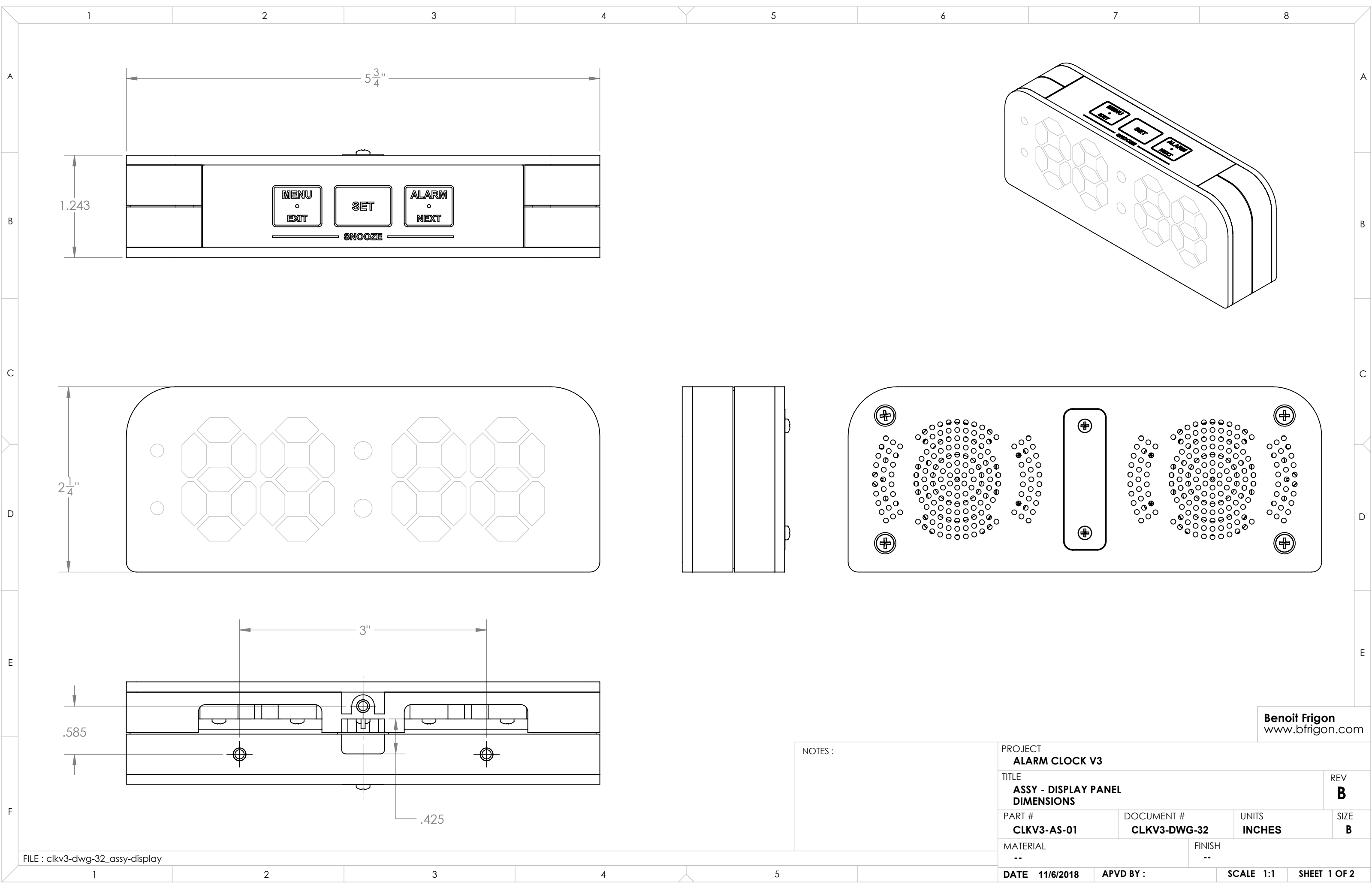


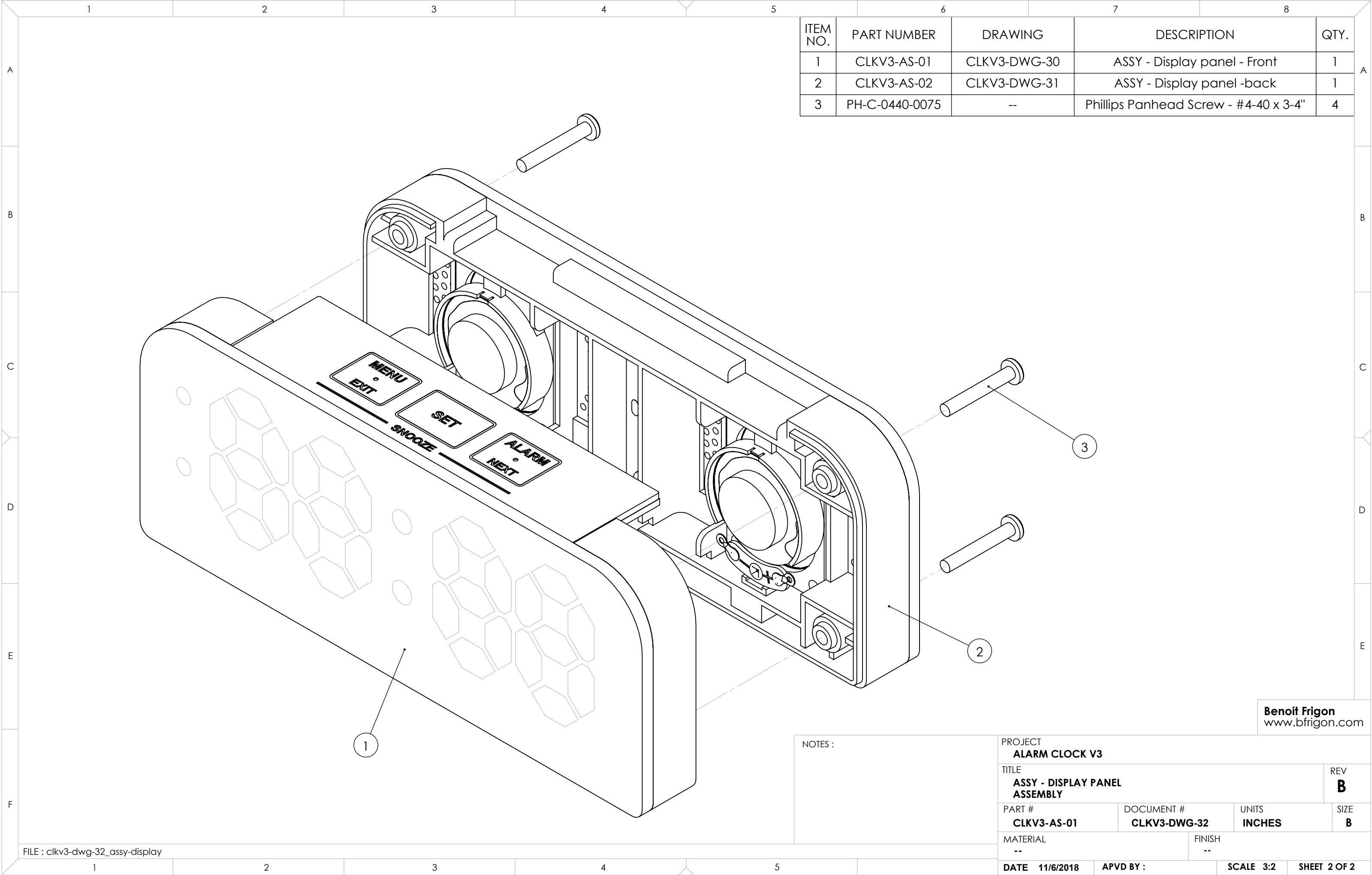
ITEM NO.	PART NUMBER	MFG	DRAWING	DESCRIPTION	QTY.
1	AS04008PS-4W-R	PUI Audio	--	Speaker 8ohm 2W - 40mm x 28.3mm	2
2	CLKv3-PC-08	--	CLKV3-DWG-09	RGB lamp PCB	1
3	CLKV3-ML-08	--	CLKV3-DWG-19	RGB lamp window - Frame	1
4	CLKV3-ML-09	--	CLKV3-DWG-20	RGB lamp window - Cover	1
5	PH-C-0256-0025	--	--	Phillips Panhead Screw - #2-56 x 1-4"	2

FILE : clkv3-dwg-31\_assy-display-frame-back

NOTES :				PROJECT ALARM CLOCK V3			
				TITLE ASSY - DISPLAY FRAME - BACK ASSEMBLY - STEP 3			REV A
				PART # CLKV3-AS-02	DOCUMENT # CLKV3-DWG-31	UNITS INCHES	SIZE B
				MATERIAL --		FINISH --	
				DATE 11/6/2018	APVD BY :	SCALE 3:2	SHEET 4 OF 4

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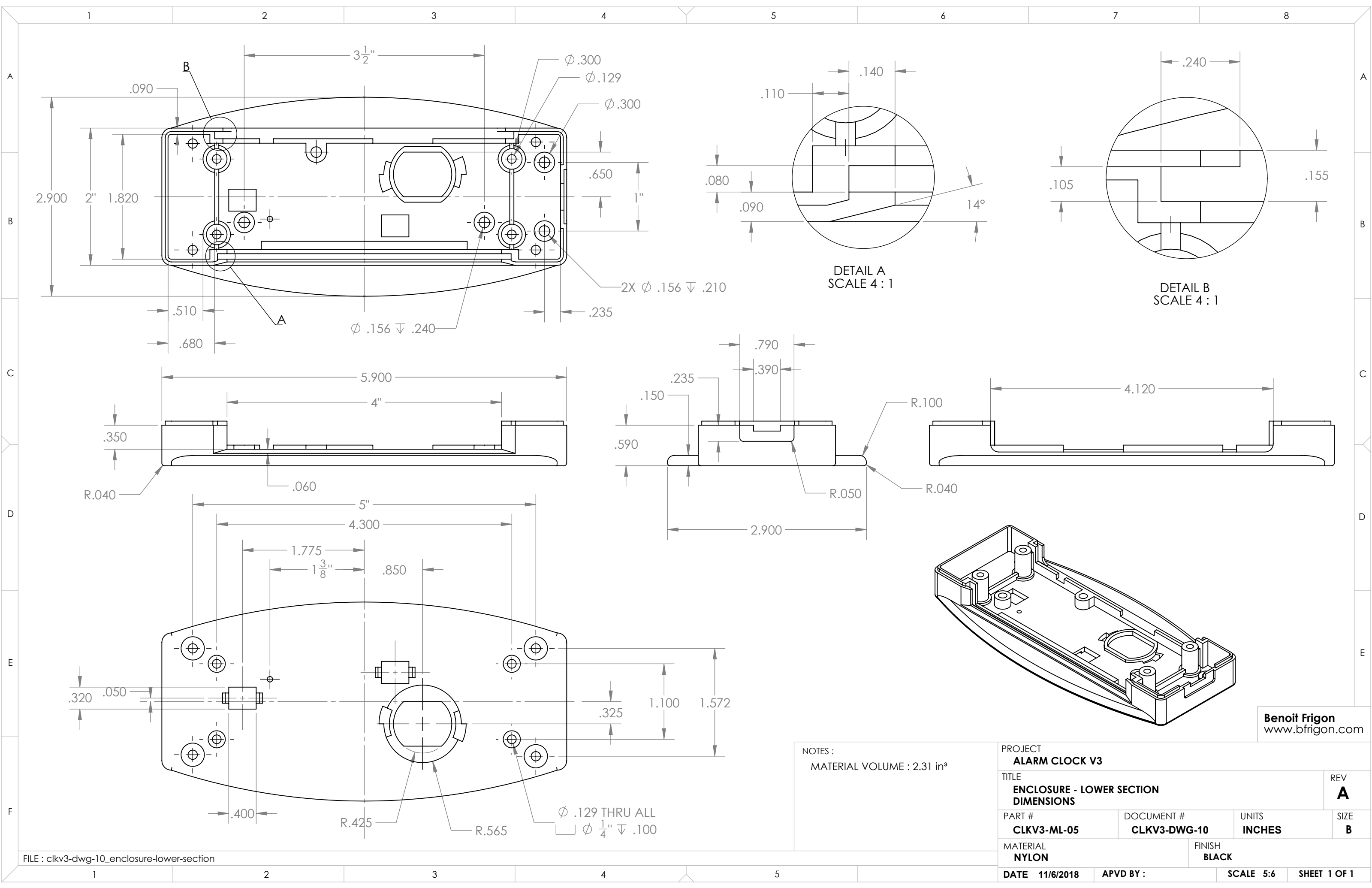


ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-AS-01	CLKV3-DWG-30	ASSY - Display panel - Front	1
2	CLKV3-AS-02	CLKV3-DWG-31	ASSY - Display panel -back	1
3	PH-C-0440-0075	--	Phillips Panhead Screw - #4-40 x 3-4"	4

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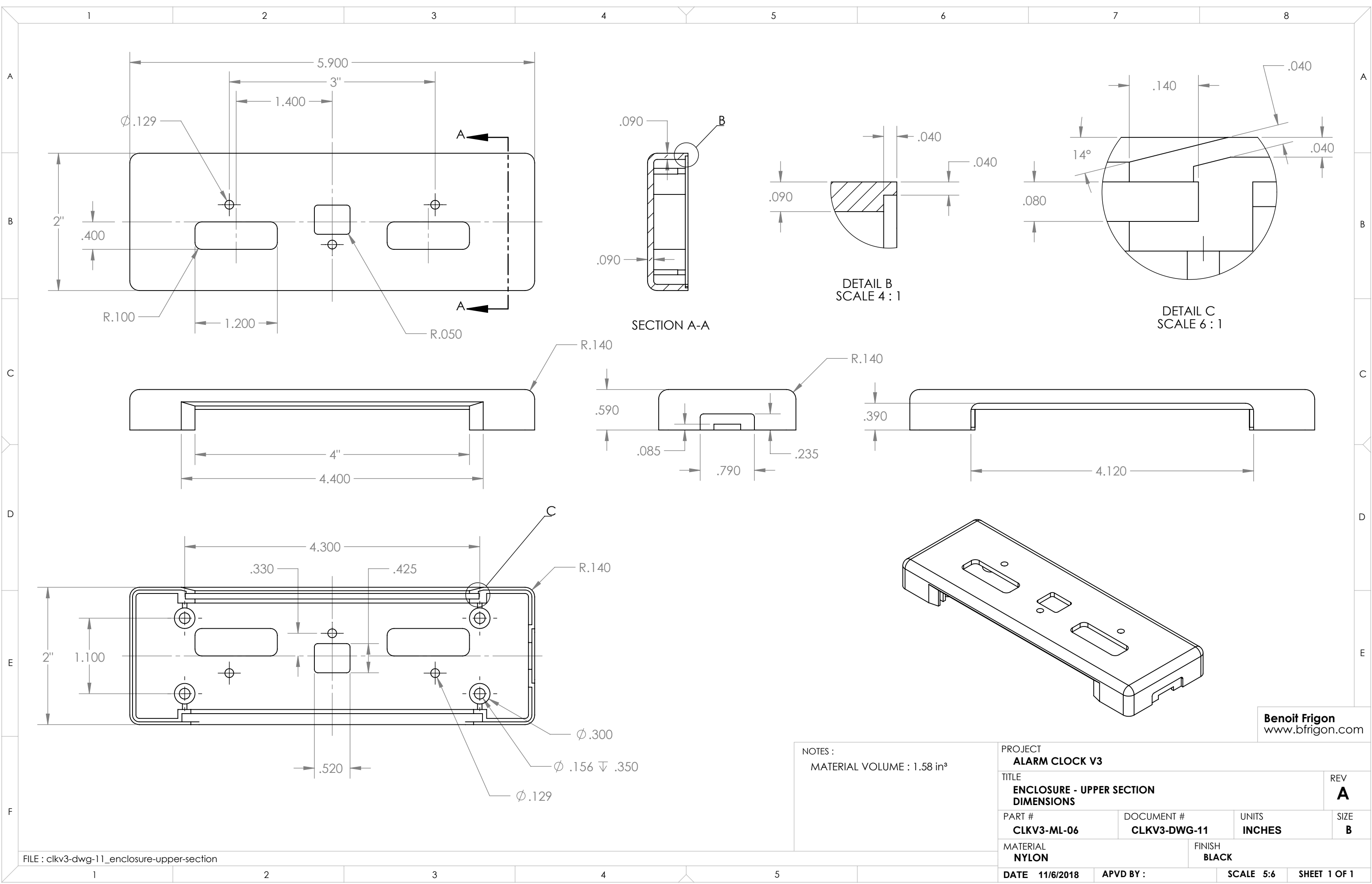
NOTES :

PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>ASSY - DISPLAY PANEL ASSEMBLY</b>			REV <b>B</b>
PART # <b>CLKV3-AS-01</b>	DOCUMENT # <b>CLKV3-DWG-32</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL --		FINISH --	
DATE <b>11/6/2018</b>	APVD BY :	SCALE <b>3:2</b>	SHEET <b>2 OF 2</b>



NOTES :  
MATERIAL VOLUME : 2.31 in³

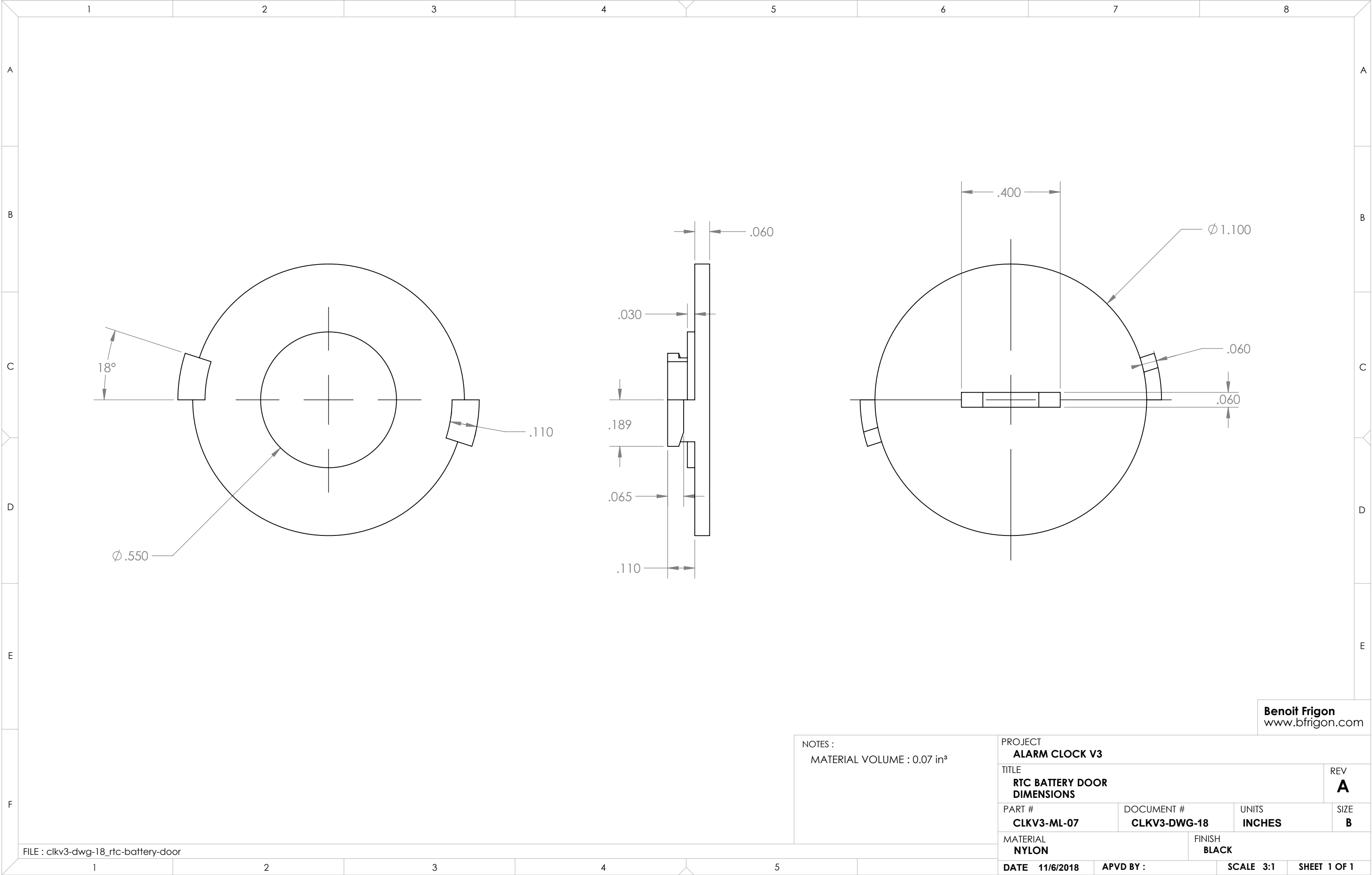
PROJECT ALARM CLOCK V3			
TITLE ENCLOSURE - LOWER SECTION DIMENSIONS			REV A
PART # CLKV3-ML-05	DOCUMENT # CLKV3-DWG-10	UNITS INCHES	SIZE B
MATERIAL NYLON		FINISH BLACK	
DATE 11/6/2018	APVD BY :	SCALE 5:6	SHEET 1 OF 1

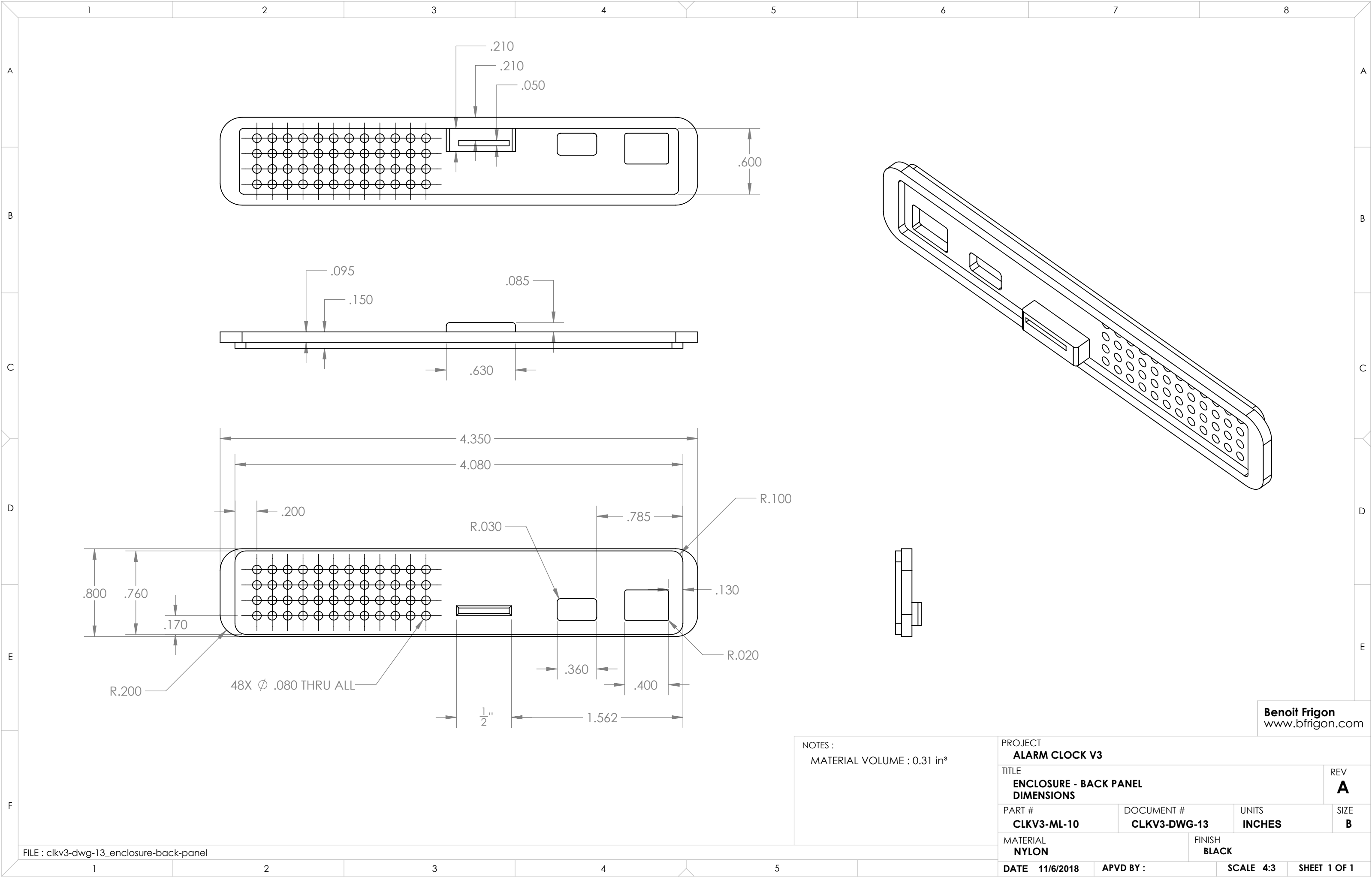


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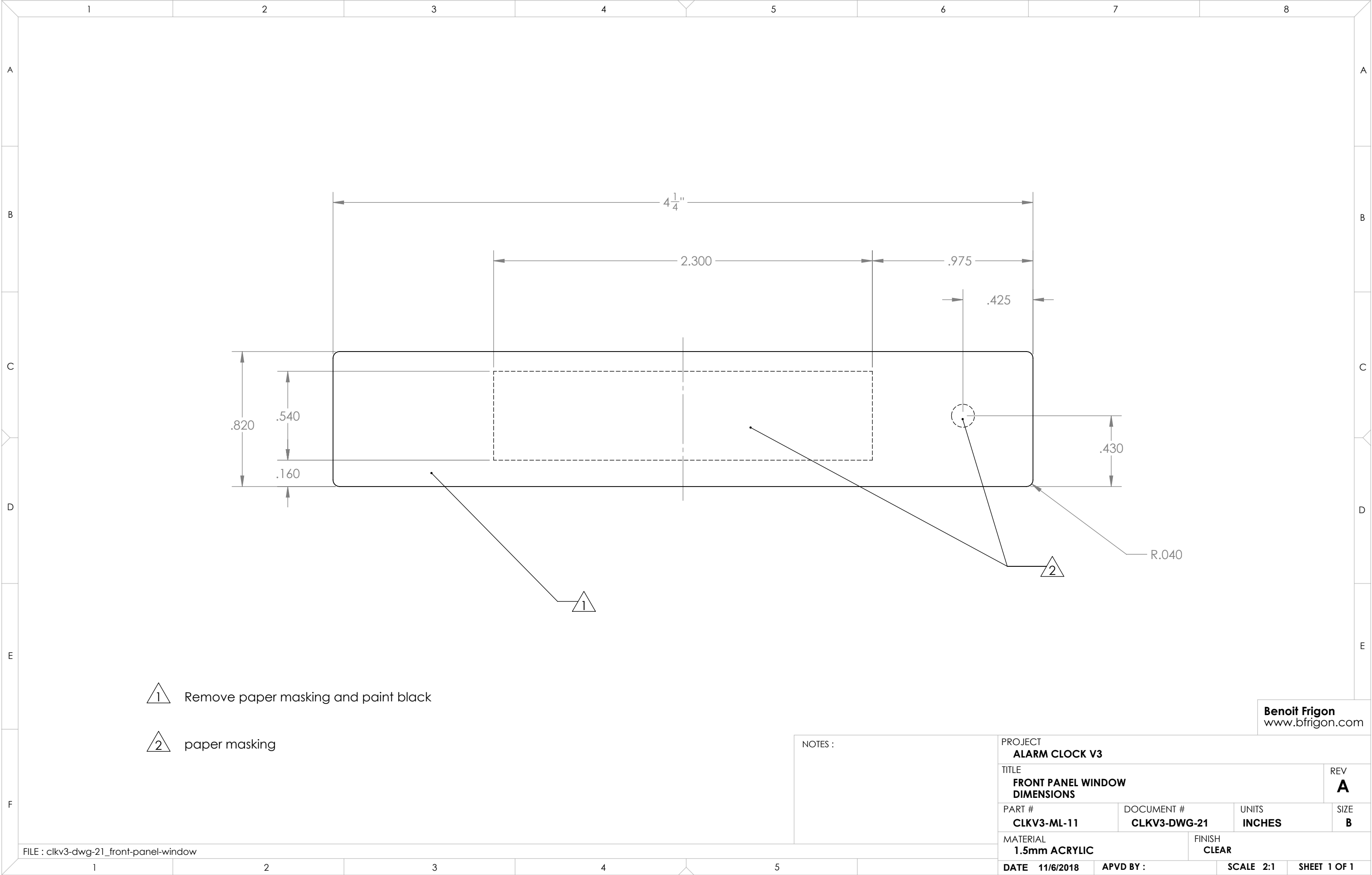
NOTES :  
MATERIAL VOLUME : 1.58 in³

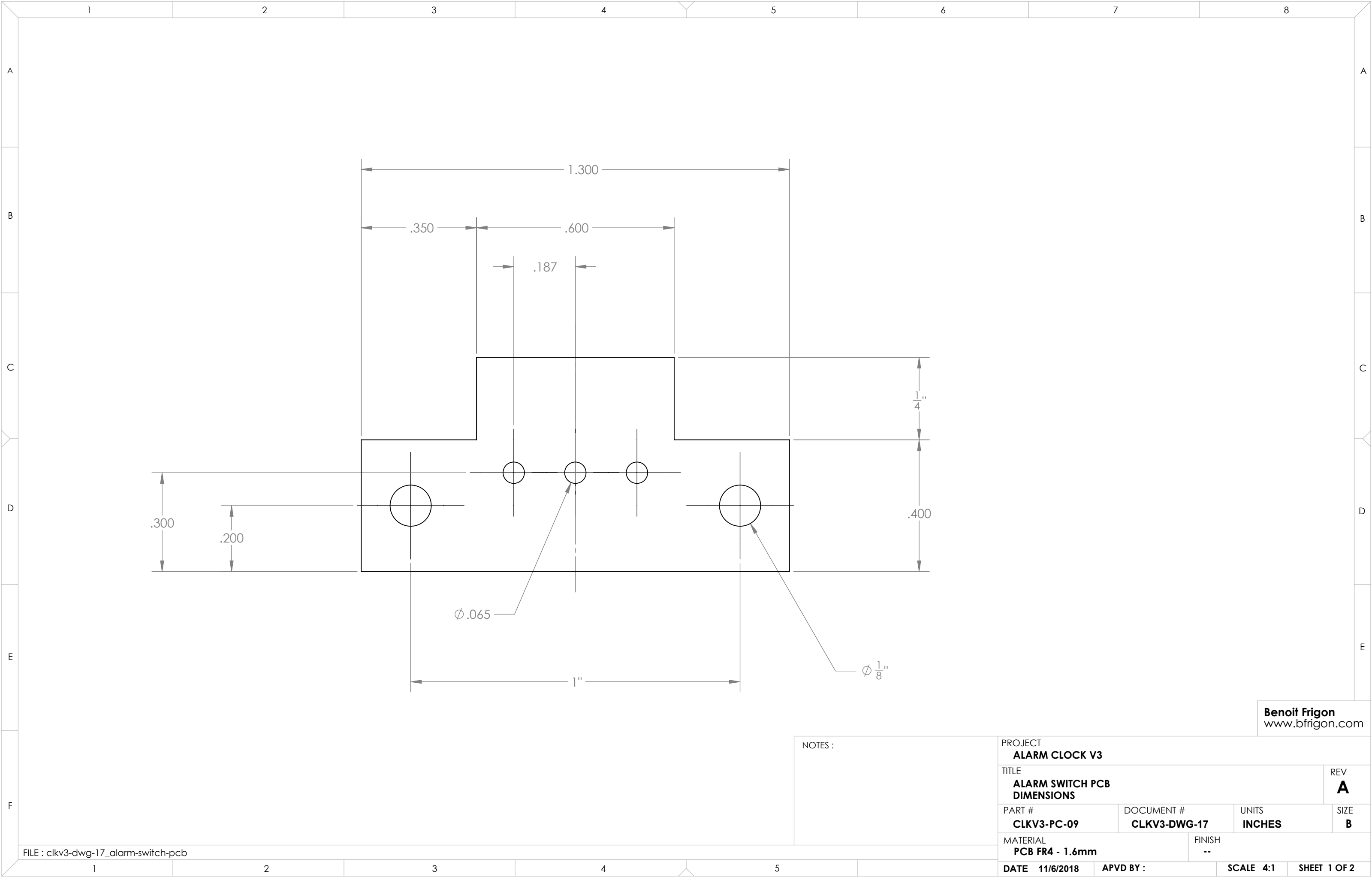
PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>ENCLOSURE - UPPER SECTION DIMENSIONS</b>			REV <b>A</b>
PART # <b>CLKV3-ML-06</b>	DOCUMENT # <b>CLKV3-DWG-11</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL <b>NYLON</b>		FINISH <b>BLACK</b>	
DATE <b>11/6/2018</b>	APVD BY :	SCALE <b>5:6</b>	SHEET <b>1 OF 1</b>





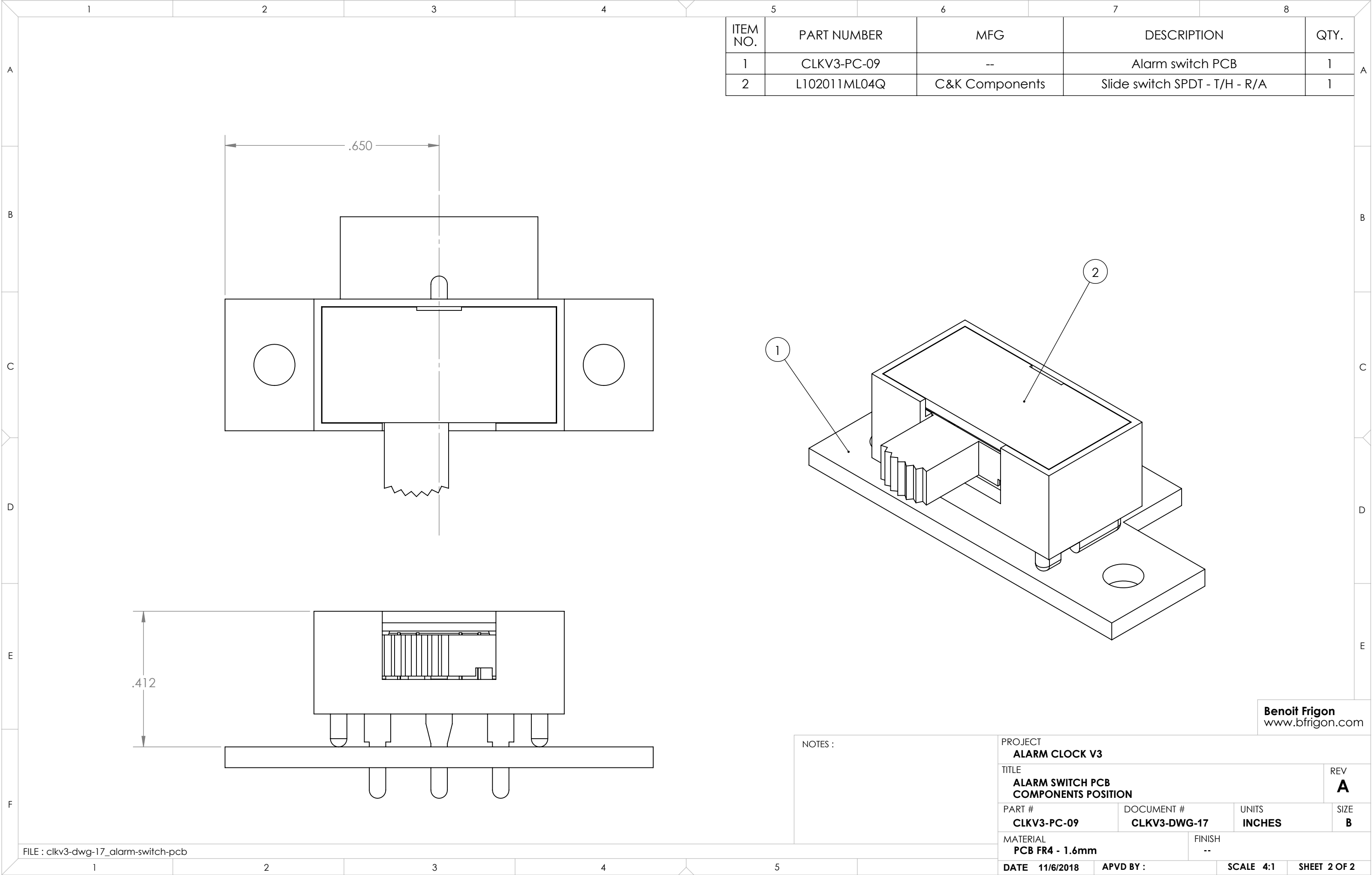


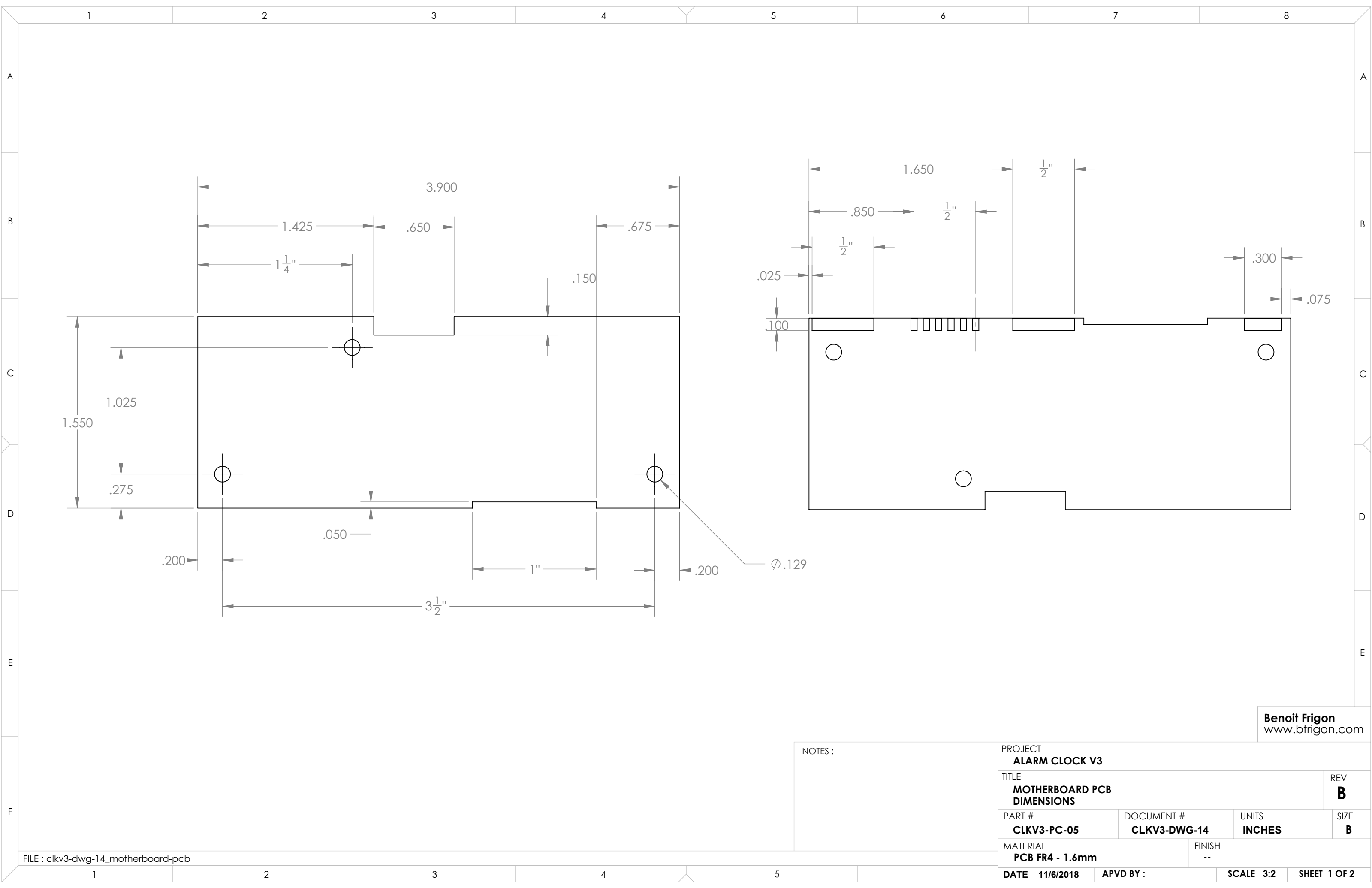


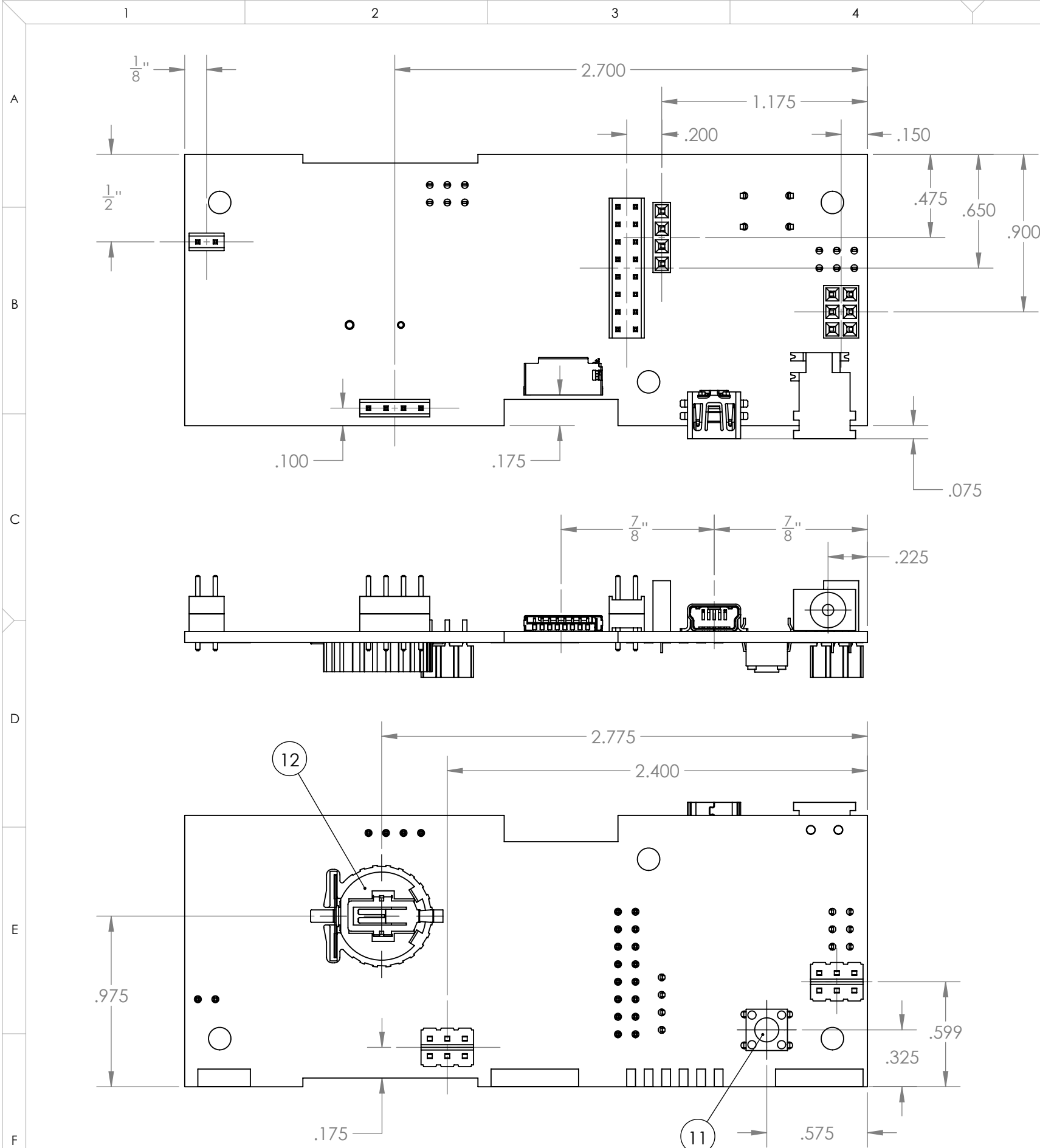


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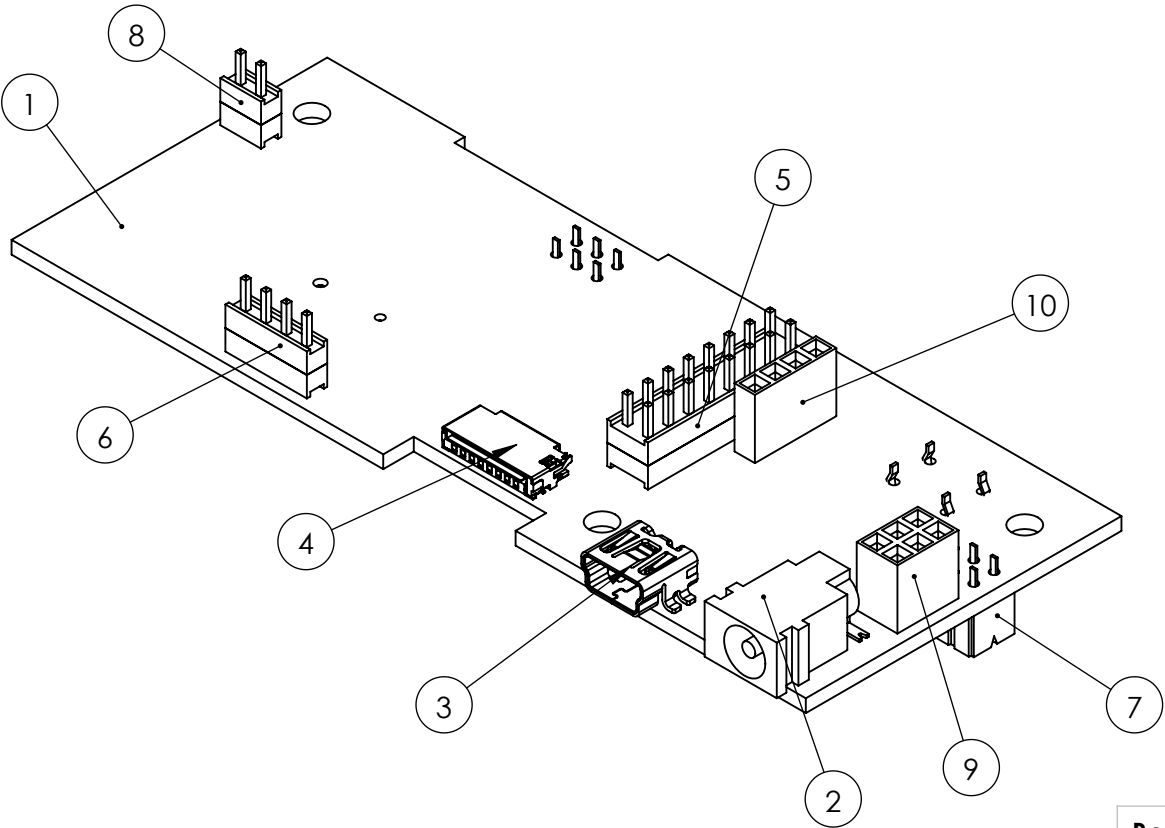
PROJECT ALARM CLOCK V3			
TITLE ALARM SWITCH PCB DIMENSIONS			REV A
PART # CLKV3-PC-09	DOCUMENT # CLKV3-DWG-17	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 4:1	SHEET 1 OF 2







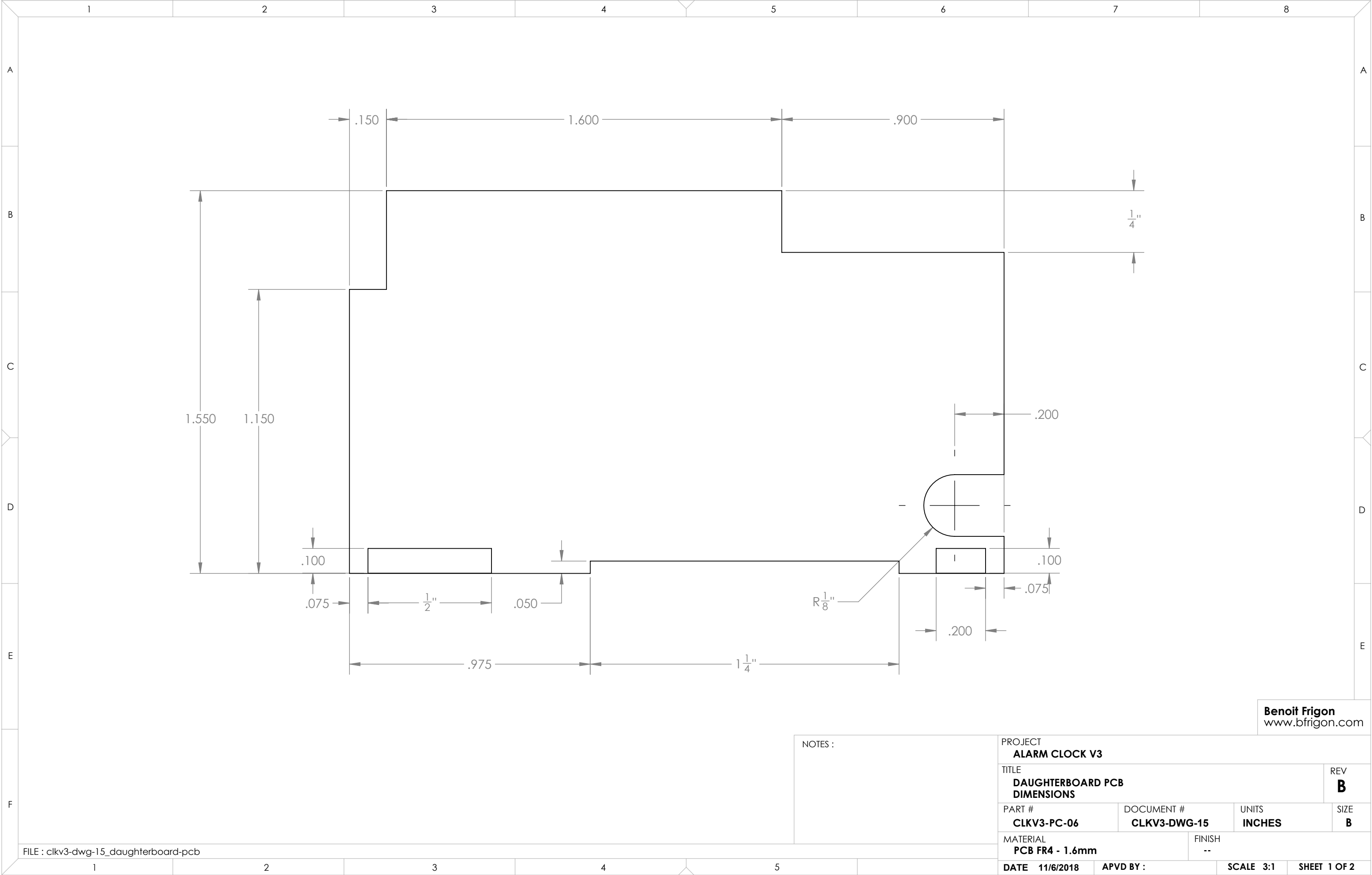
ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	CLKV3-PC-05	--	Motherboard PCB	1
2	PJ1-021-SMT	CUI inc.	DC barrel Jack	1
3	UX60SC-MB-5ST	Hirose	USB Connector - Type B	1
4	475710001	Molex	Micro SD connector	1
5	DW-08-07-T-D-200	Samtec	Header .100" - 2x8 - stack .200"	1
6	DW-04-07-TM-S-200	Samtec	Header .100" - 1x4 - stack .200"	1
7	CES-103-01-T-D	Samtec	Header female .100" - 2x3	2
8	DW-02-07-T-S-200	Samtec	Header .100" - 1x2 - stack .200"	1
9	BCS-103-L-D-TE	Samtec	Header female .100" - 2x3 - .290" height	1
10	BCS-104-L-S-TE	Samtec	Header female .100" - 1x4 - .290" height	1
11	B3F-1000	Omron	Momentary SPST switch	1
12	S8411-45R	Harwin inc.	CR1220 battery holder	1

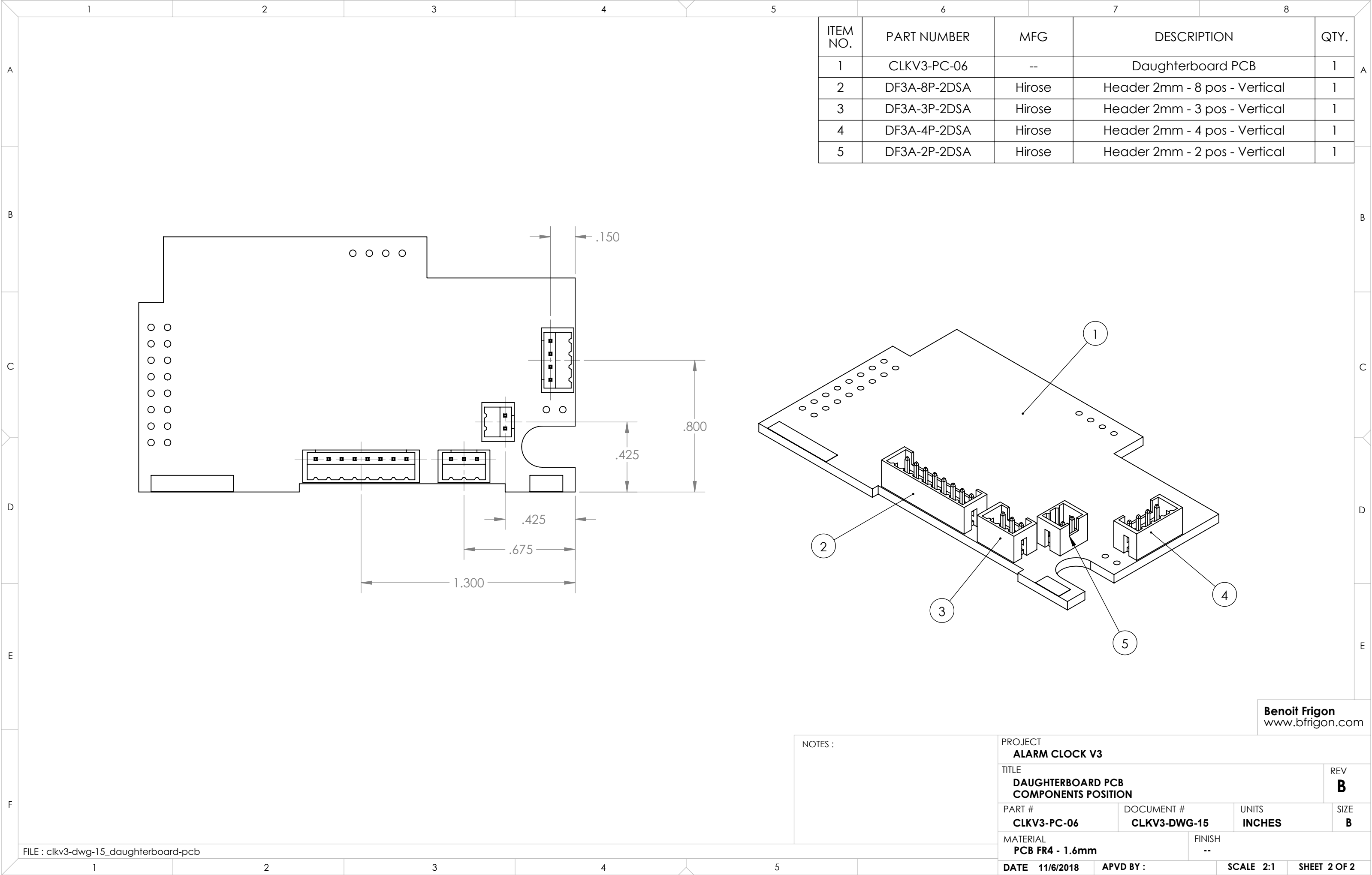


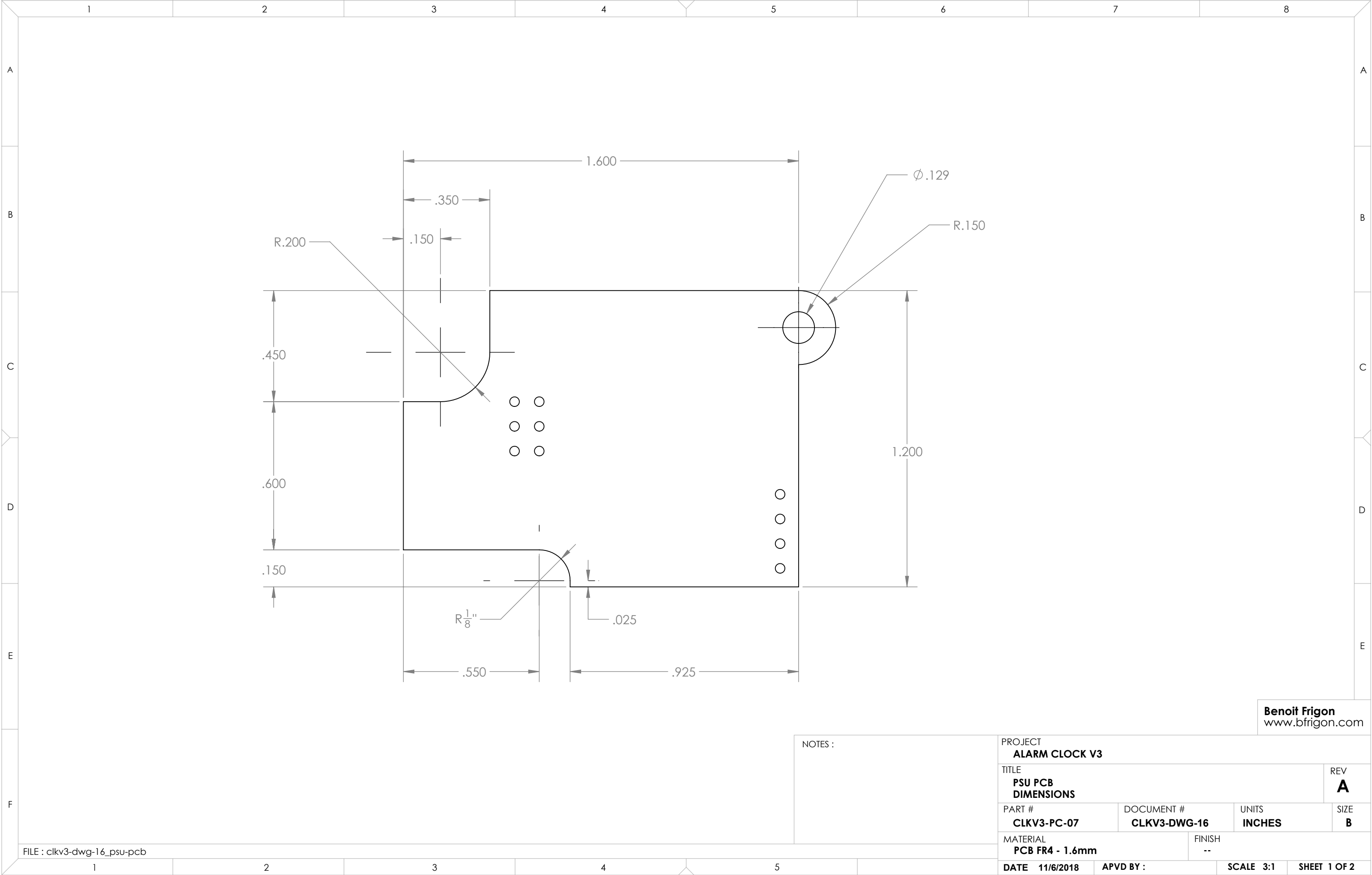
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NOTES :

PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>MOTHERBOARD PCB COMPONENTS POSITION</b>			REV <b>B</b>
PART # <b>CLKV3-PC-05</b>	DOCUMENT # <b>CLKV3-DWG-14</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL <b>PCB FR4 - 1.6mm</b>		FINISH <b>--</b>	
DATE <b>11/6/2018</b>	APVD BY :	SCALE <b>3:2</b>	SHEET <b>2 OF 2</b>





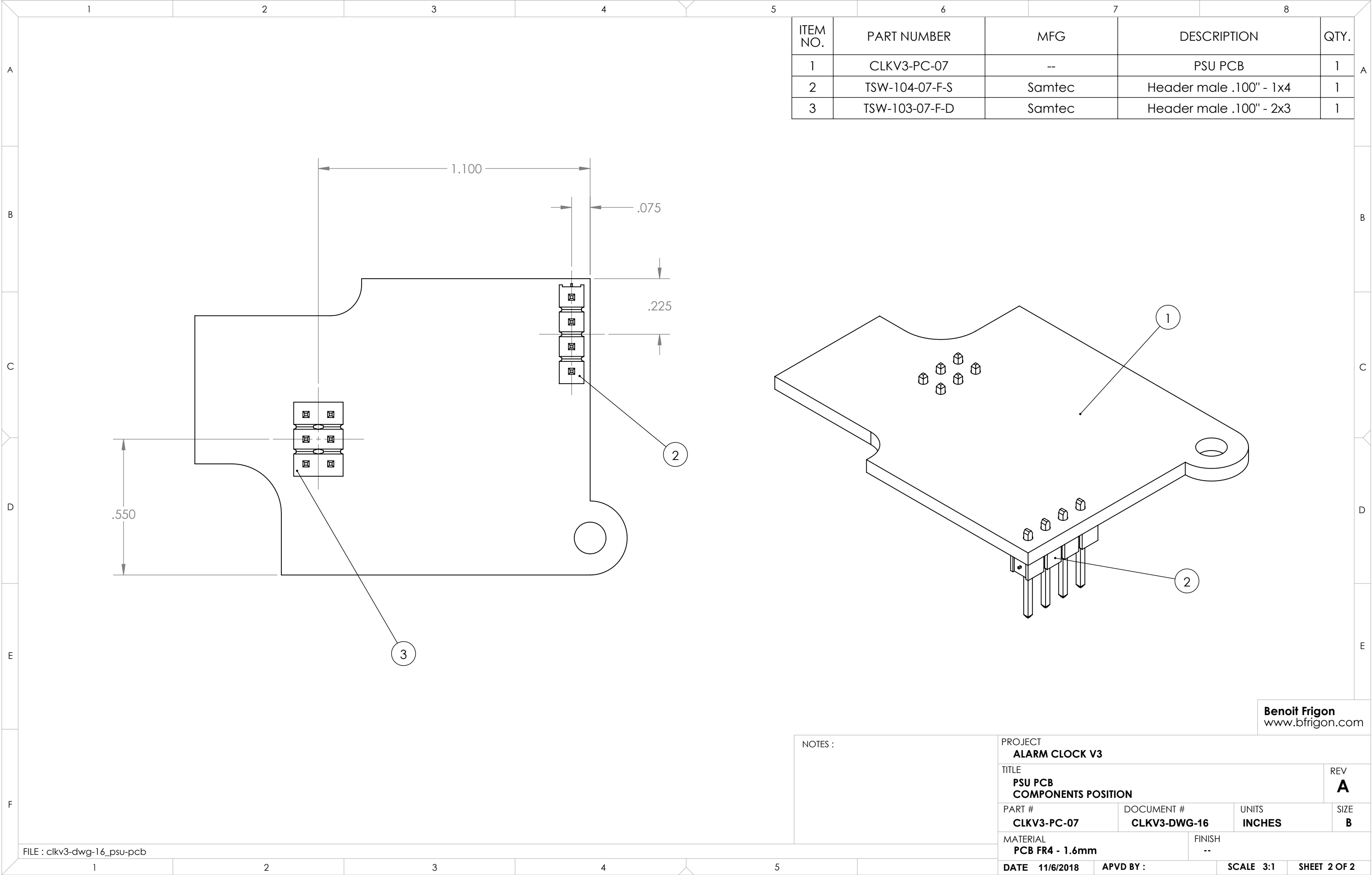


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NOTES :

PROJECT ALARM CLOCK V3			
TITLE PSU PCB DIMENSIONS			REV A
PART # CLKV3-PC-07	DOCUMENT # CLKV3-DWG-16	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:1	SHEET 1 OF 2

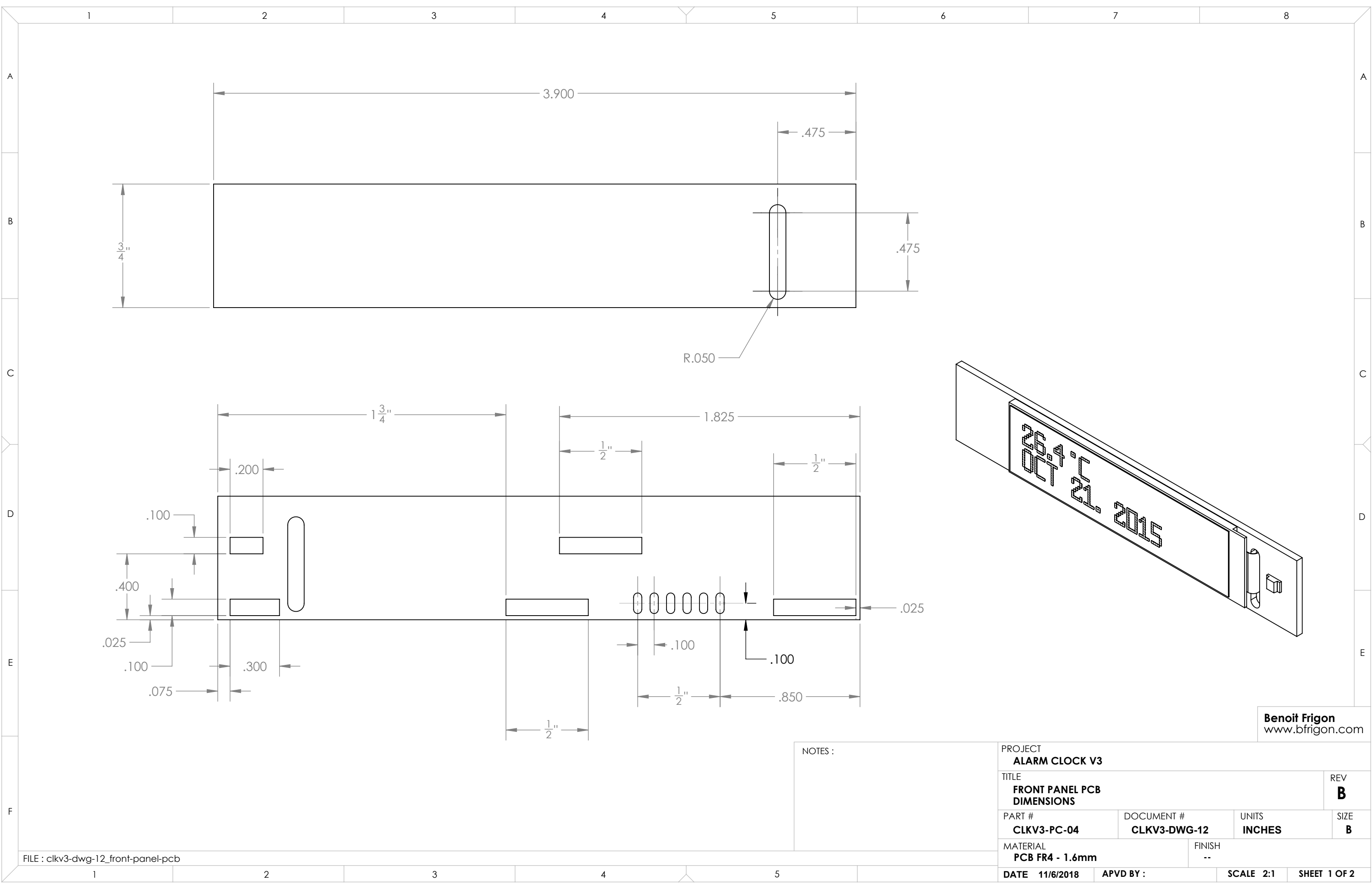


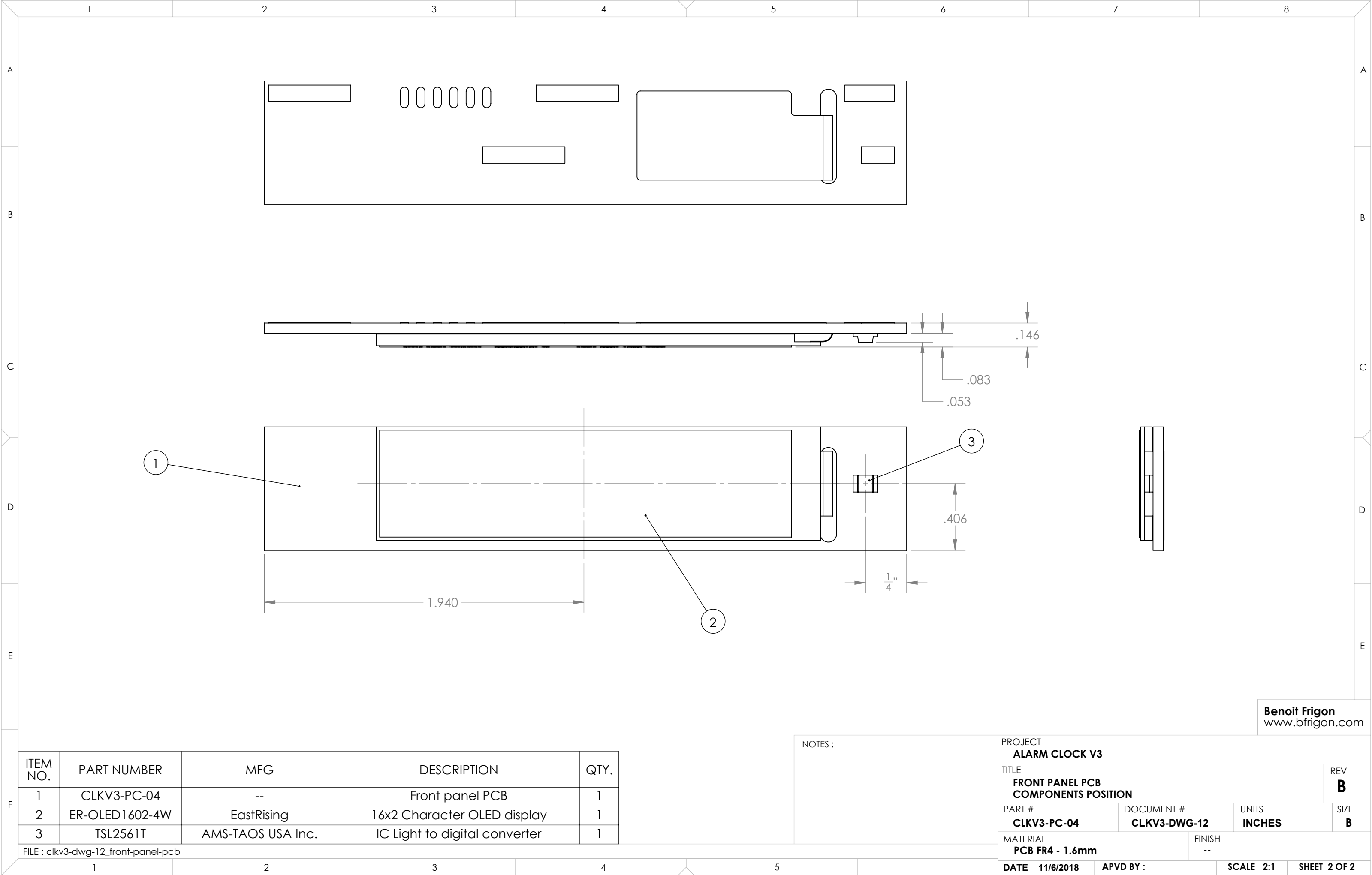


ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	CLKV3-PC-07	--	PSU PCB	1
2	TSW-104-07-F-S	Samtec	Header male .100" - 1x4	1
3	TSW-103-07-F-D	Samtec	Header male .100" - 2x3	1

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NOTES :	PROJECT ALARM CLOCK V3			
	TITLE PSU PCB COMPONENTS POSITION			REV A
	PART # CLKV3-PC-07	DOCUMENT # CLKV3-DWG-16	UNITS INCHES	SIZE B
	MATERIAL PCB FR4 - 1.6mm		FINISH --	
	DATE 11/6/2018	APVD BY :	SCALE 3:1	SHEET 2 OF 2





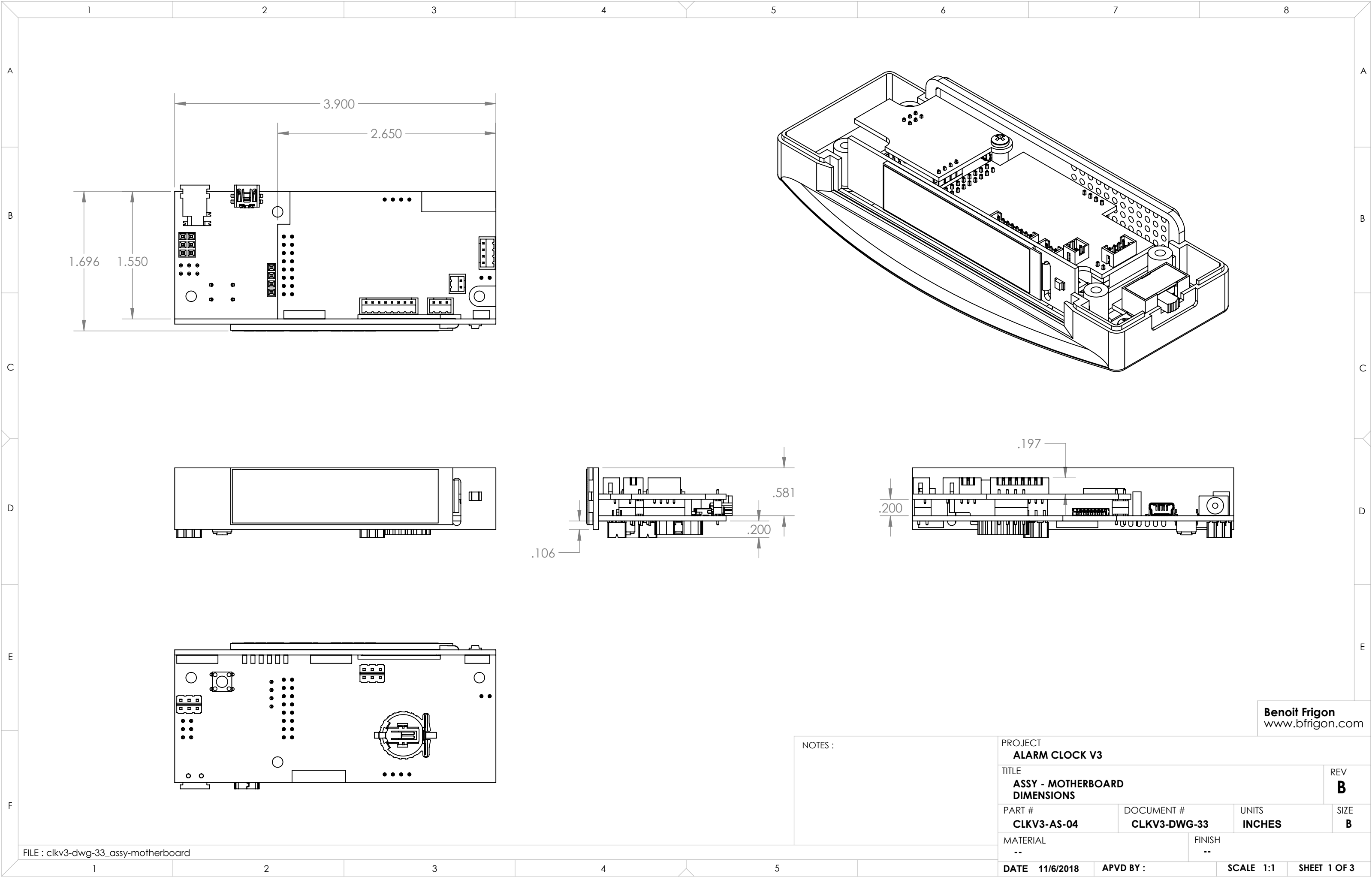
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ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	CLKV3-PC-04	--	Front panel PCB	1
2	ER-OLED1602-4W	EastRising	16x2 Character OLED display	1
3	TSL2561T	AMS-TAOS USA Inc.	IC Light to digital converter	1

FILE : clkv3-dwg-12\_front-panel-pcb

NOTES :

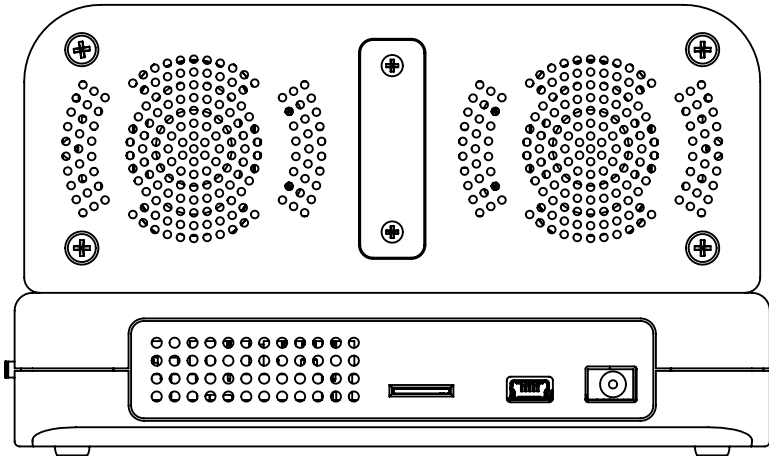
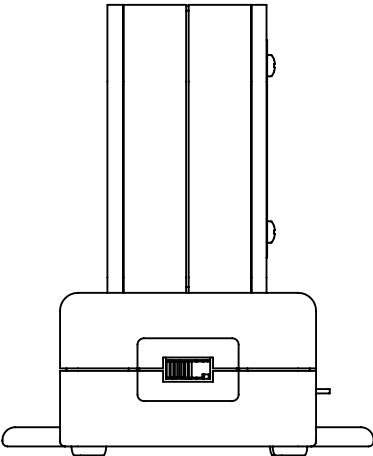
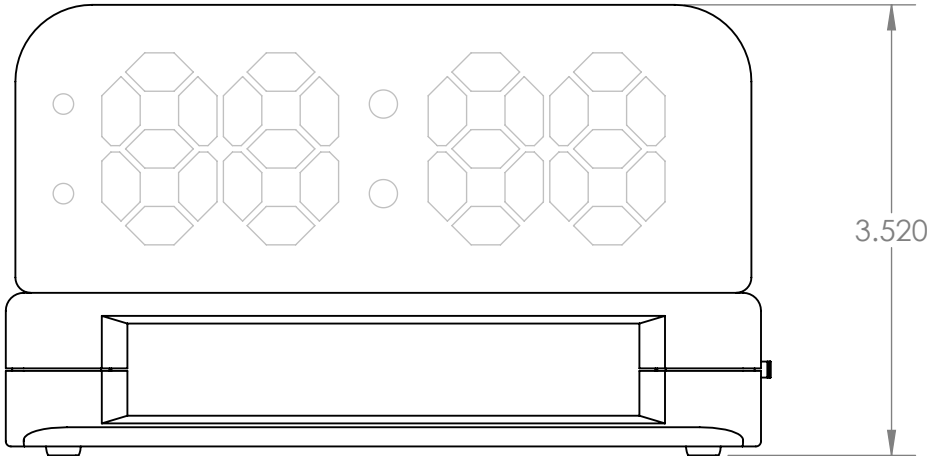
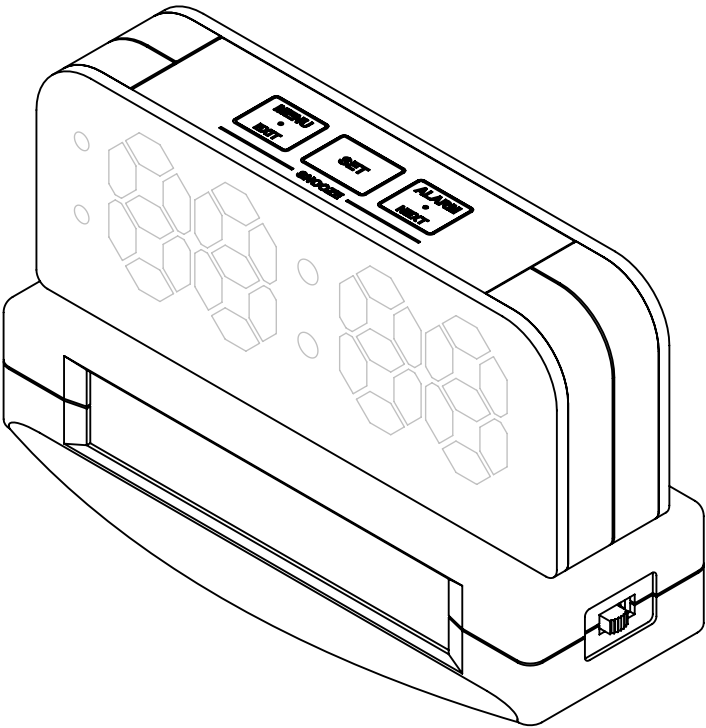
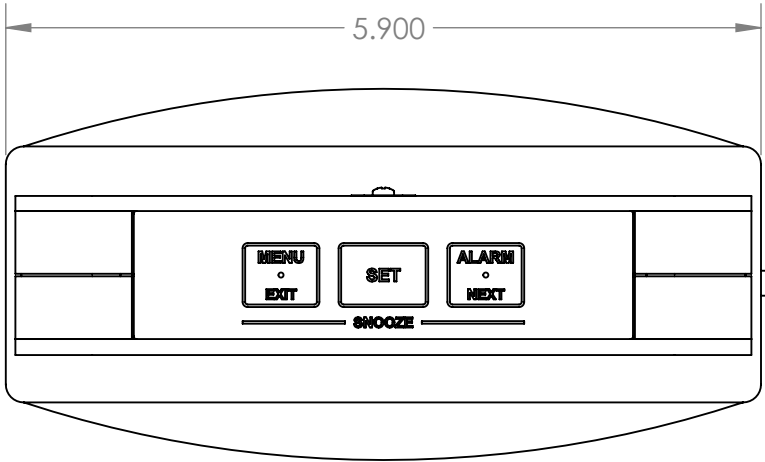
PROJECT ALARM CLOCK V3			
TITLE FRONT PANEL PCB COMPONENTS POSITION			REV B
PART # CLKV3-PC-04	DOCUMENT # CLKV3-DWG-12	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 2:1	SHEET 2 OF 2



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		1		2		3		4		5		6		7		8			
										ITEM NO.		PART NUMBER		DRAWING		DESCRIPTION		QTY.	
A										1		CLKV3-PC-05		CLKV3-DWG-14		Motherboard PCB		1	
										2		CLKV3-PC-06		CLKV3-DWG-15		Daughterboard PCB		1	

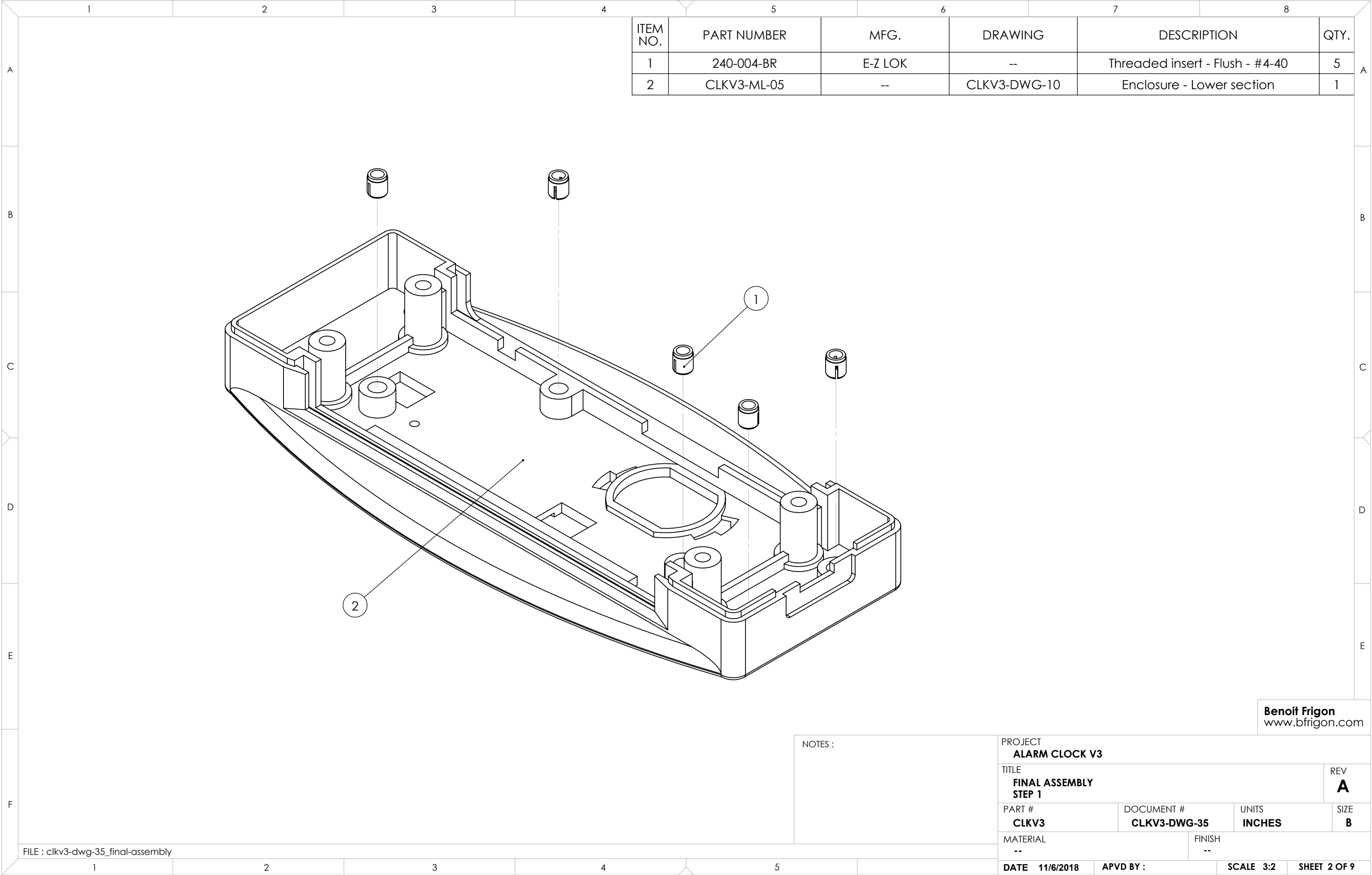




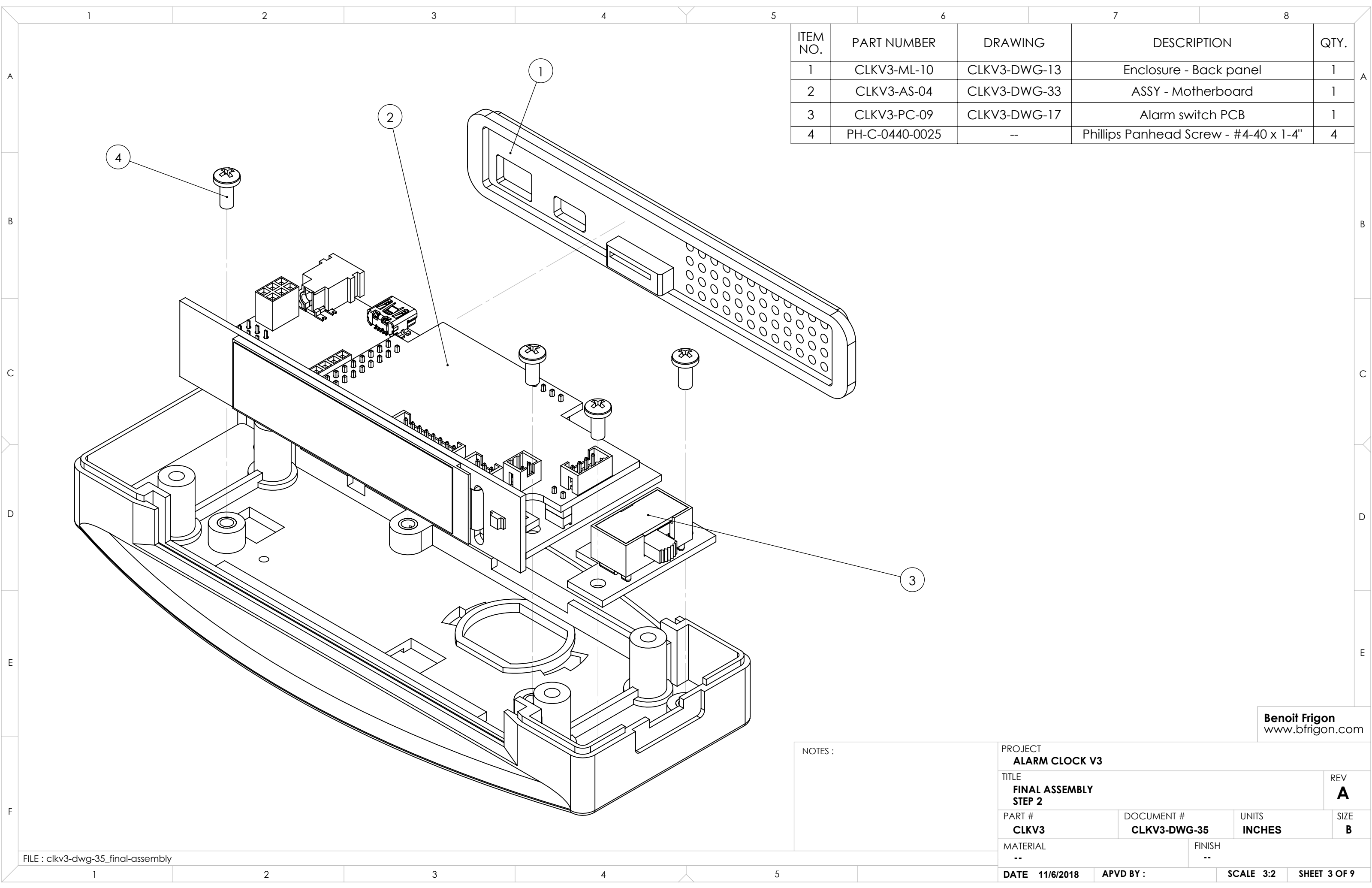
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NOTES :

PROJECT ALARM CLOCK V3			
TITLE FINAL ASSEMBLY DIMENSIONS			REV A
PART # CLKV3	DOCUMENT # CLKV3-DWG-35	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 2:3	SHEET 1 OF 9





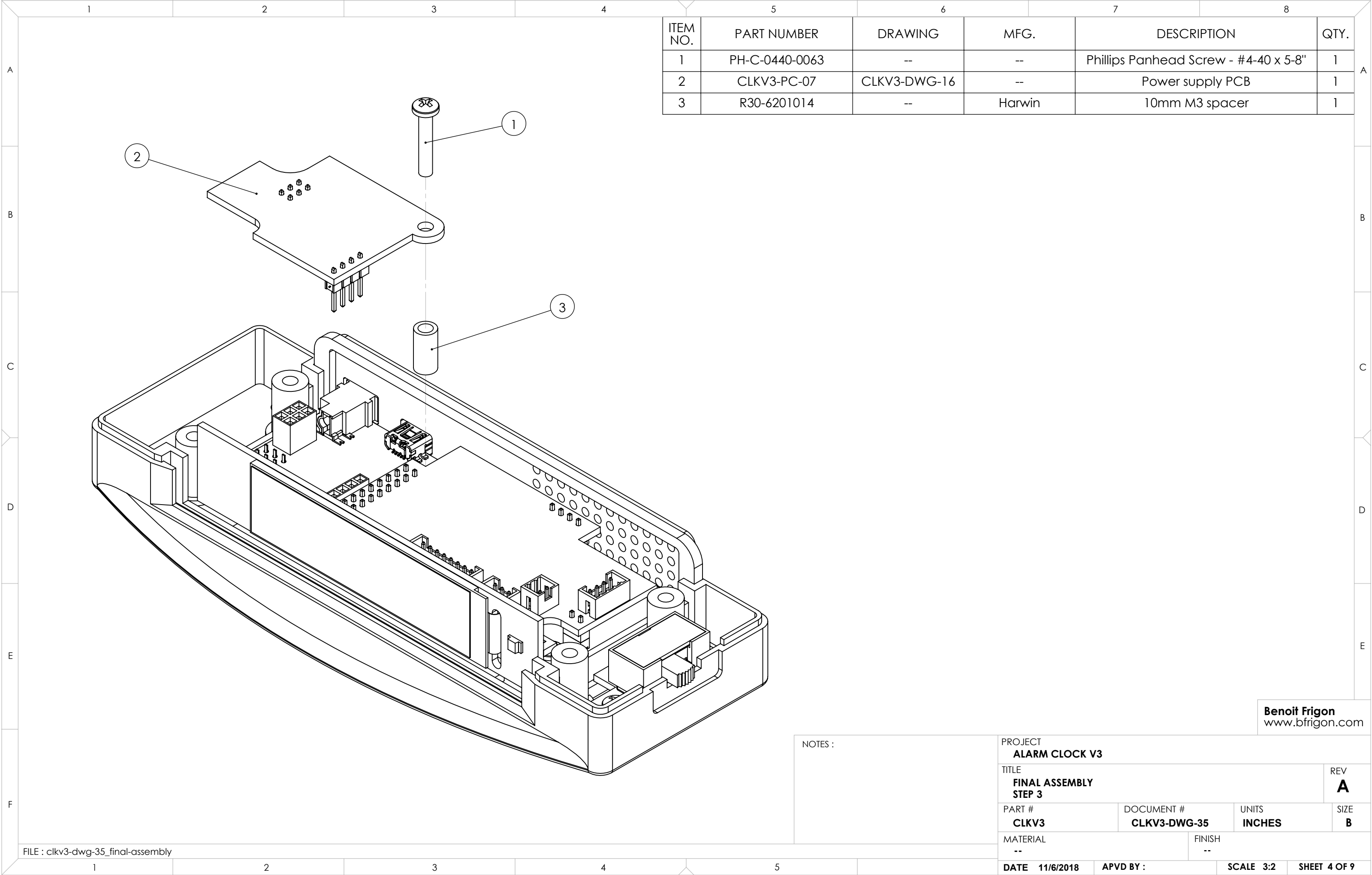


ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-10	CLKV3-DWG-13	Enclosure - Back panel	1
2	CLKV3-AS-04	CLKV3-DWG-33	ASSY - Motherboard	1
3	CLKV3-PC-09	CLKV3-DWG-17	Alarm switch PCB	1
4	PH-C-0440-0025	--	Phillips Panhead Screw - #4-40 x 1-4"	4

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NOTES :

PROJECT ALARM CLOCK V3			
TITLE FINAL ASSEMBLY STEP 2			REV A
PART # CLKV3	DOCUMENT # CLKV3-DWG-35	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:2	SHEET 3 OF 9

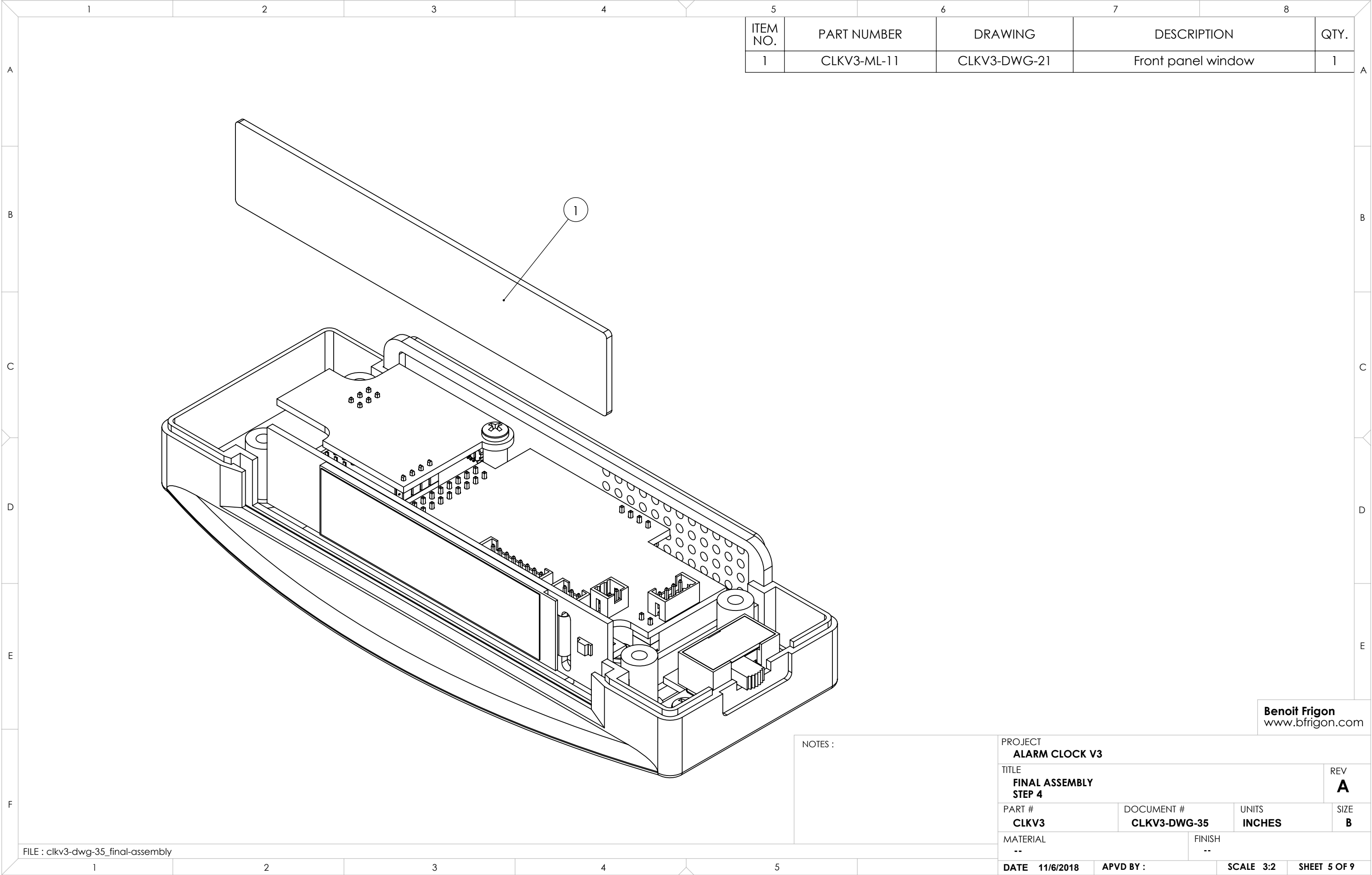


ITEM NO.	PART NUMBER	DRAWING	MFG.	DESCRIPTION	QTY.
1	PH-C-0440-0063	--	--	Phillips Panhead Screw - #4-40 x 5-8"	1
2	CLKV3-PC-07	CLKV3-DWG-16	--	Power supply PCB	1
3	R30-6201014	--	Harwin	10mm M3 spacer	1

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NOTES :

PROJECT <b>ALARM CLOCK V3</b>			
TITLE <b>FINAL ASSEMBLY STEP 3</b>			REV <b>A</b>
PART # <b>CLKV3</b>	DOCUMENT # <b>CLKV3-DWG-35</b>	UNITS <b>INCHES</b>	SIZE <b>B</b>
MATERIAL --		FINISH --	
DATE <b>11/6/2018</b>	APVD BY :	SCALE <b>3:2</b>	SHEET <b>4 OF 9</b>

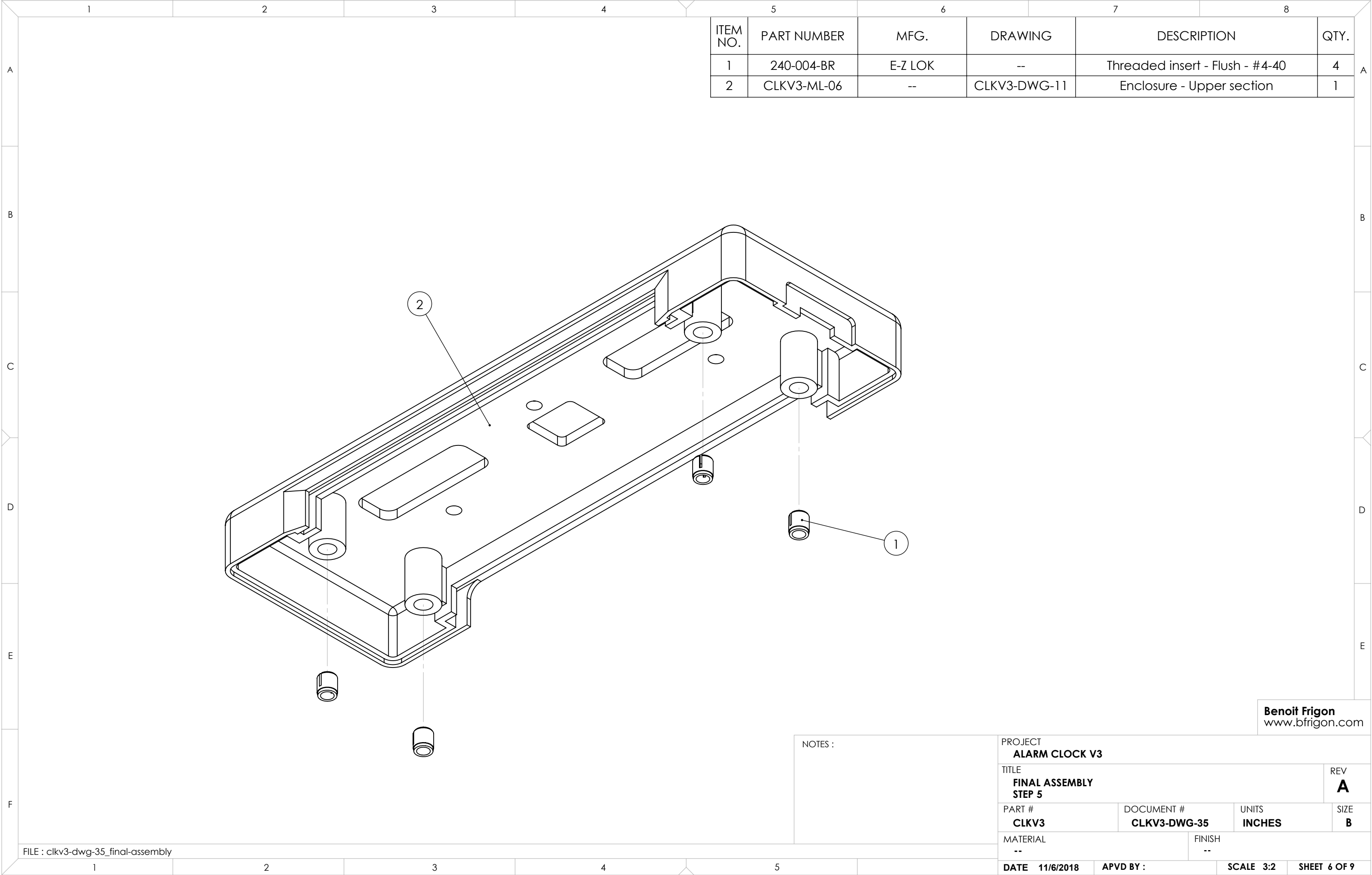


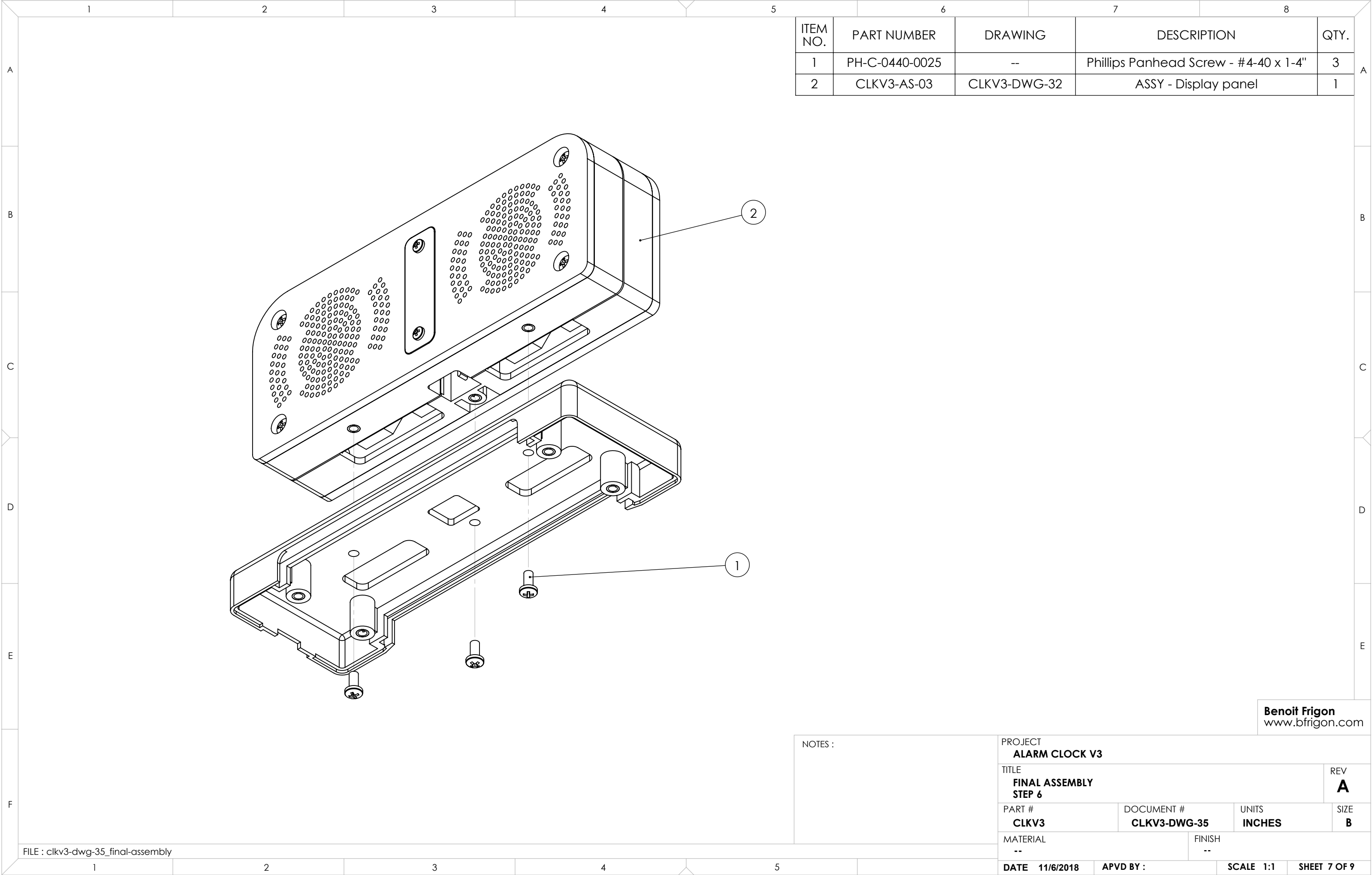
ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	CLKV3-ML-11	CLKV3-DWG-21	Front panel window	1

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NOTES :

PROJECT ALARM CLOCK V3			
TITLE FINAL ASSEMBLY STEP 4			REV A
PART # CLKV3	DOCUMENT # CLKV3-DWG-35	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 3:2	SHEET 5 OF 9



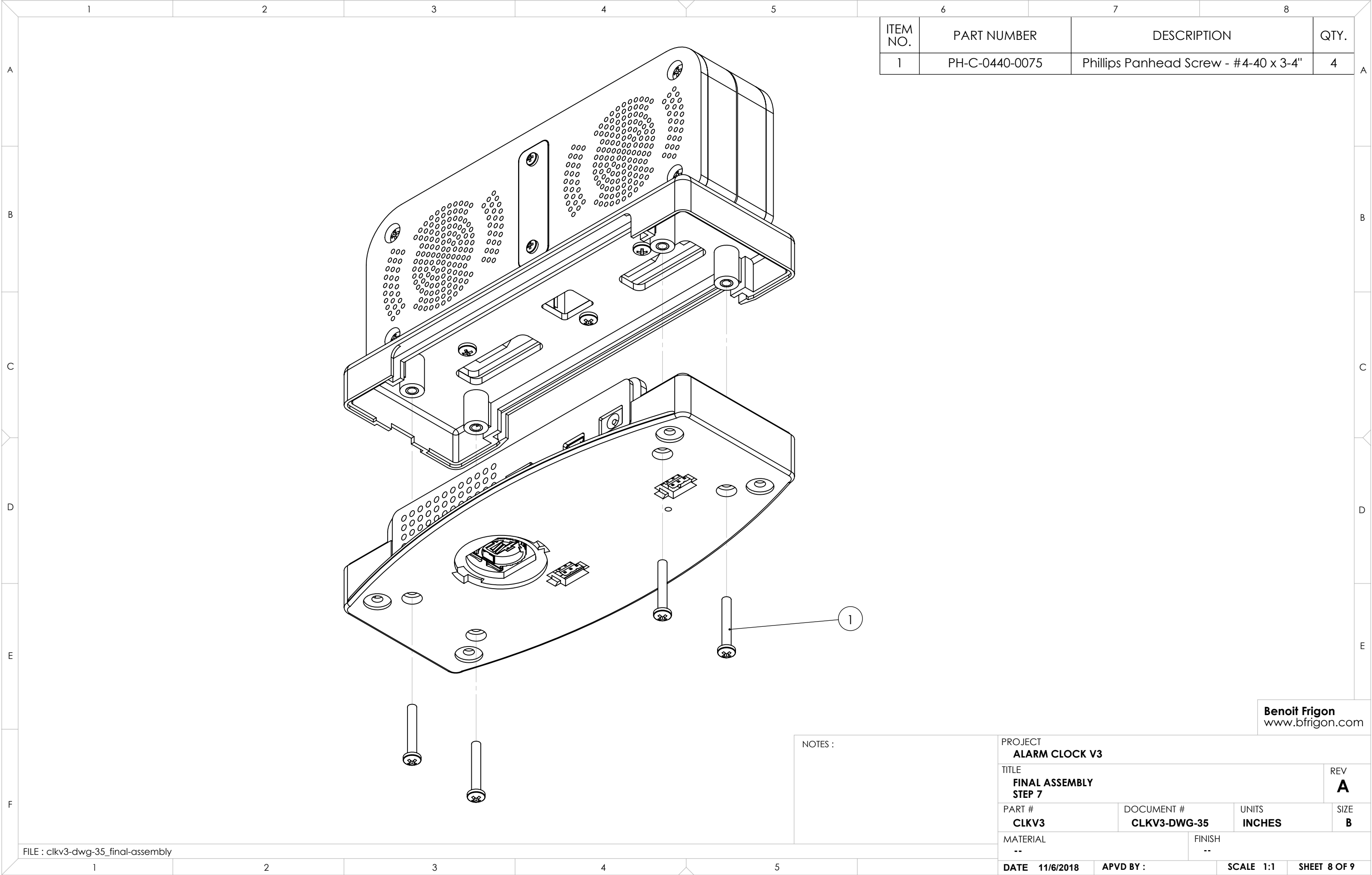


ITEM NO.	PART NUMBER	DRAWING	DESCRIPTION	QTY.
1	PH-C-0440-0025	--	Phillips Panhead Screw - #4-40 x 1-4"	3
2	CLKV3-AS-03	CLKV3-DWG-32	ASSY - Display panel	1

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NOTES :

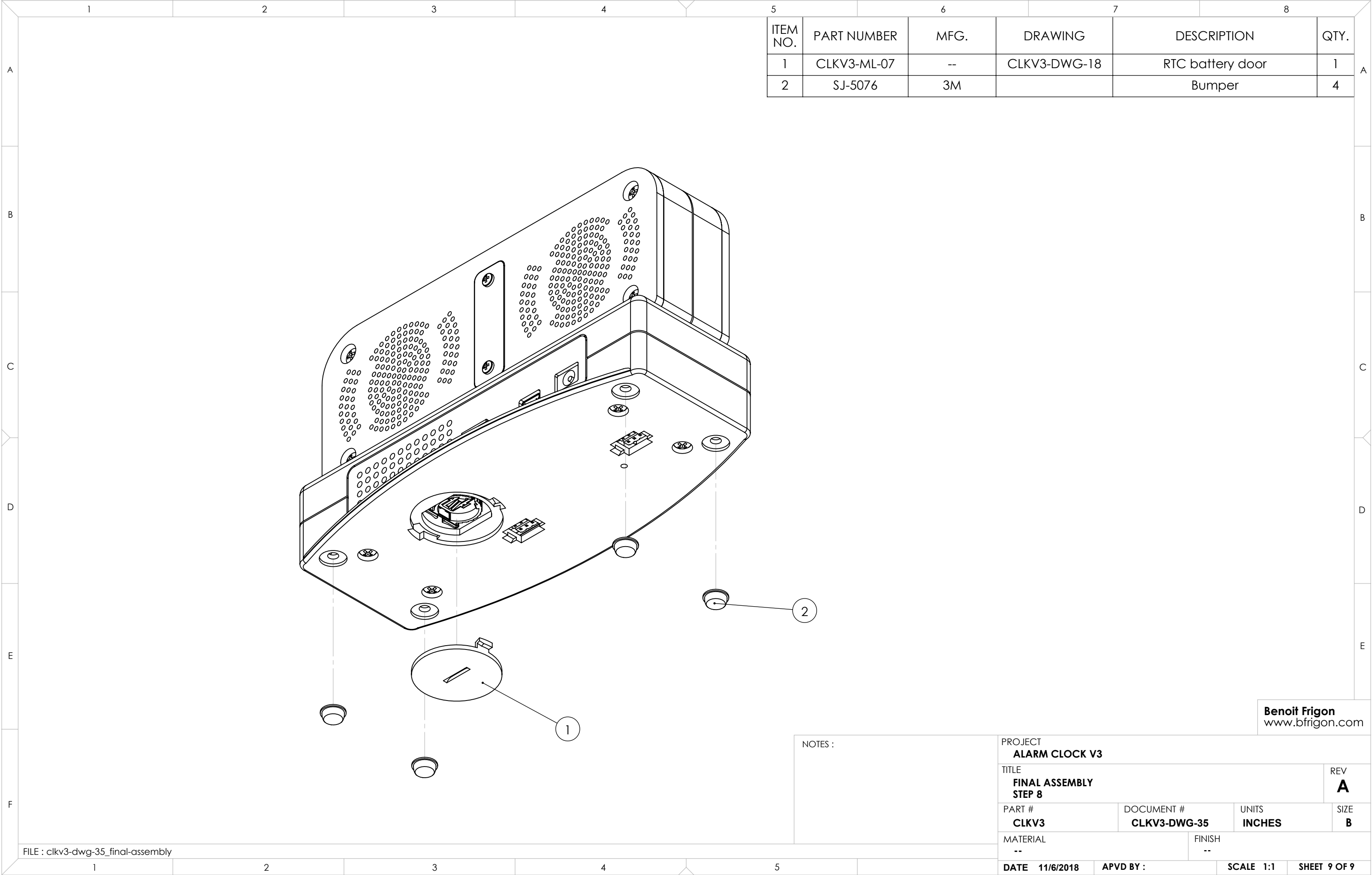
PROJECT ALARM CLOCK V3			
TITLE FINAL ASSEMBLY STEP 6			REV A
PART # CLKV3	DOCUMENT # CLKV3-DWG-35	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 1:1	SHEET 7 OF 9



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PH-C-0440-0075	Phillips Panhead Screw - #4-40 x 3-4"	4

NOTES :

PROJECT ALARM CLOCK V3			
TITLE FINAL ASSEMBLY STEP 7			REV A
PART # CLKV3	DOCUMENT # CLKV3-DWG-35	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 11/6/2018	APVD BY :	SCALE 1:1	SHEET 8 OF 9



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