

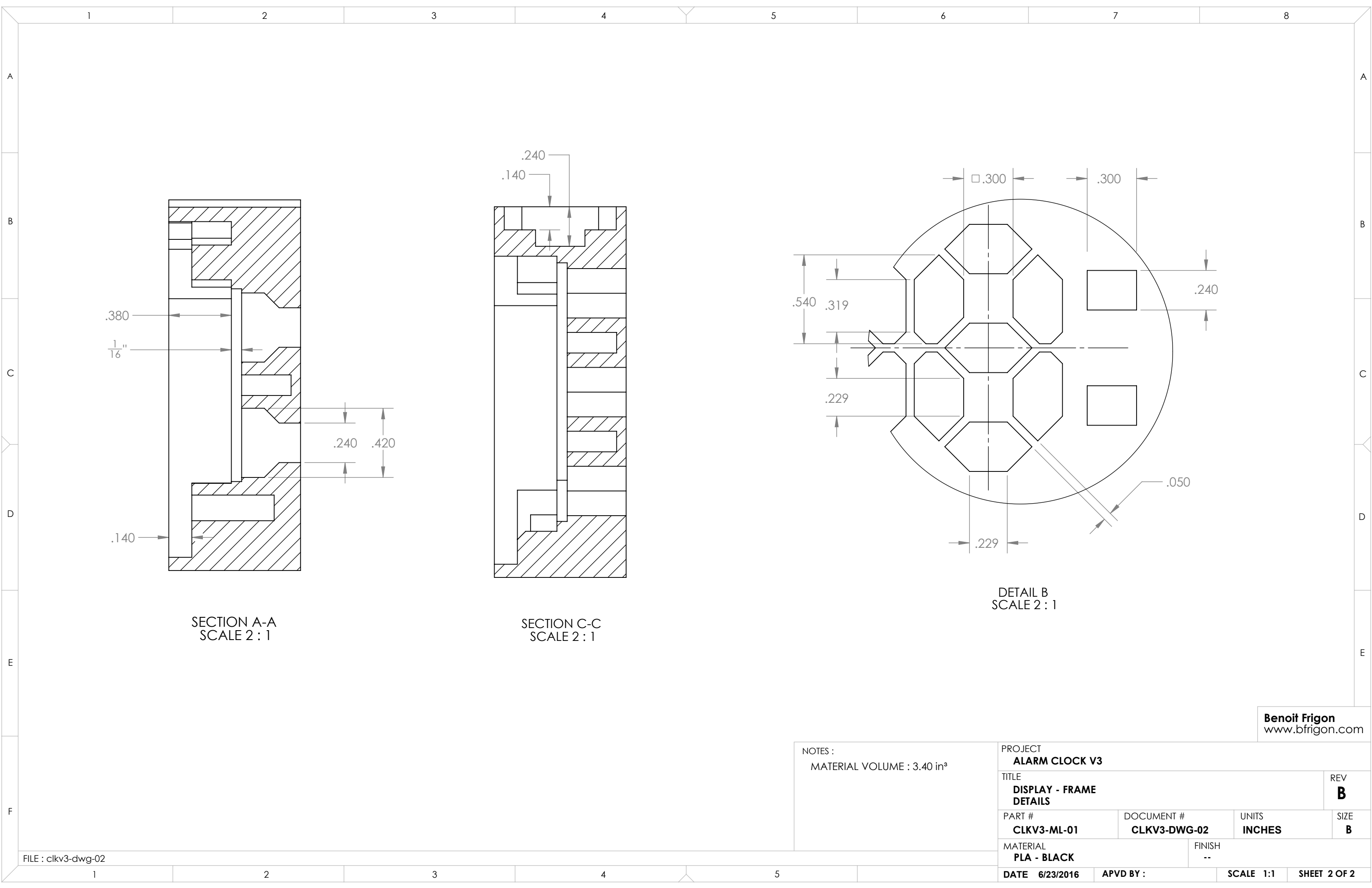
Benoit Frigon
www.bfrigon.com

ITEM NO.	PART NUMBER	MFG.	DESCRIPTION	QTY.
1	CLKV3-PC-01		Display - RGB digit PCB	1
2	WS2812B	Worldsemi	RGB LED with integrated driver	7

FILE : clkv3-dwg-01

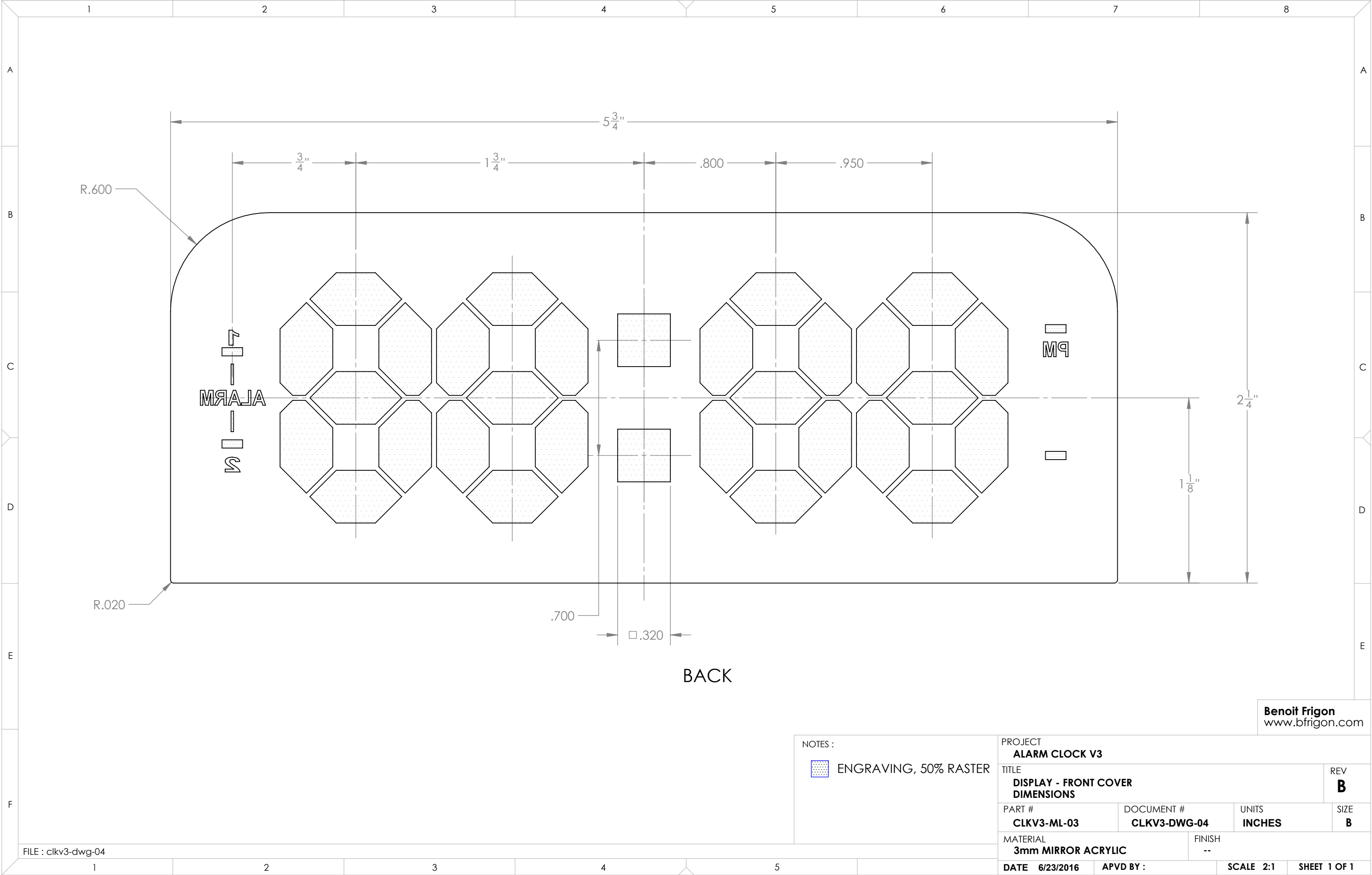
NOTES :

PROJECT ALARM CLOCK V3			
TITLE DISPLAY - RGB DIGIT PCB COMPONENTS POSITION			REV A
PART # CLKV3-PC-01	DOCUMENT # CLKV3-DWG-01	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 3:1	SHEET 2 OF 2




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NOTES : MATERIAL VOLUME : 3.40 in³		PROJECT ALARM CLOCK V3							
		TITLE DISPLAY - FRAME DETAILS						REV B	
		PART # CLKV3-ML-01		DOCUMENT # CLKV3-DWG-02		UNITS INCHES		SIZE B	
		MATERIAL PLA - BLACK				FINISH --			
		DATE 6/23/2016		APVD BY :		SCALE 1:1		SHEET 2 OF 2	

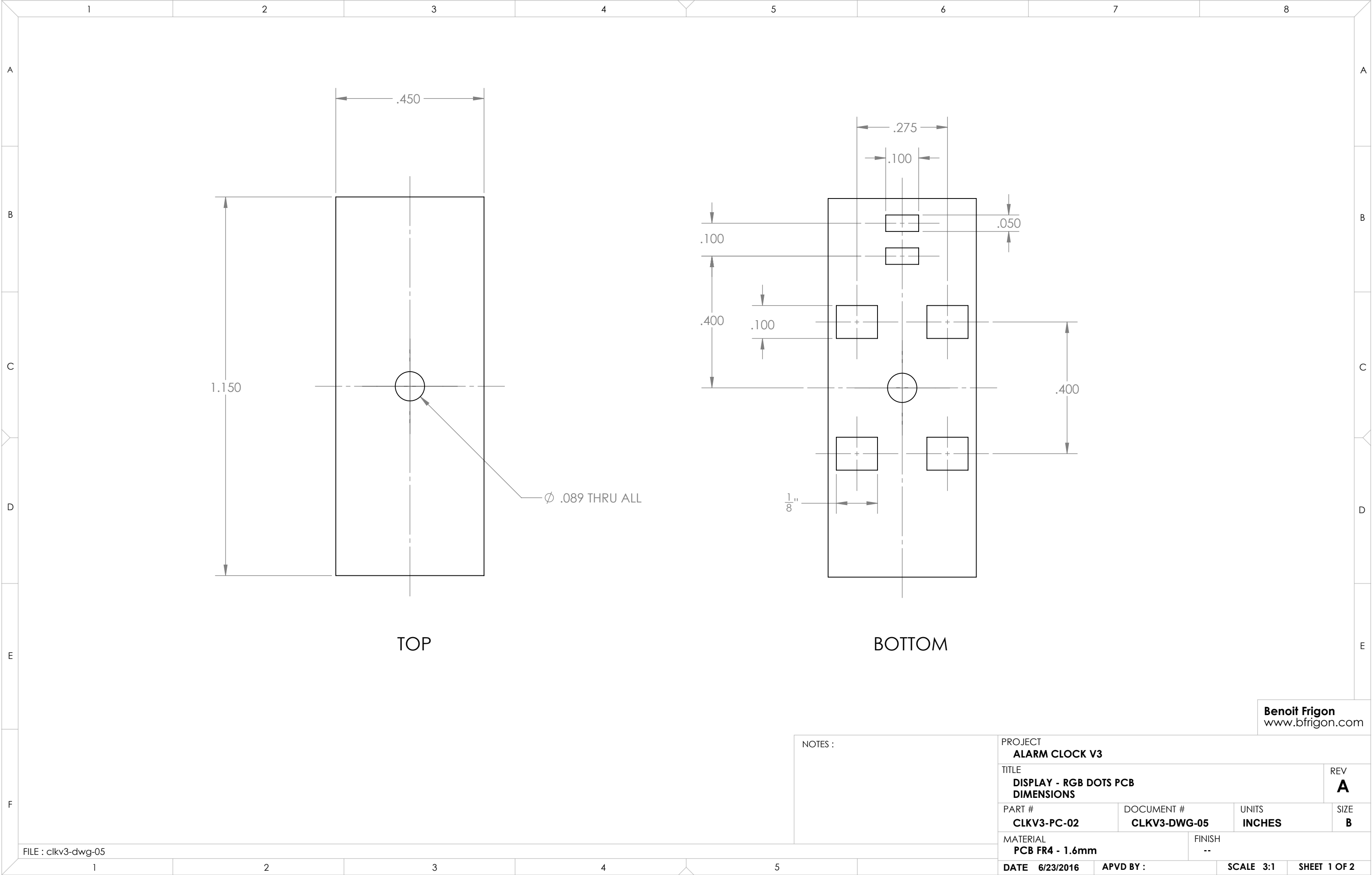


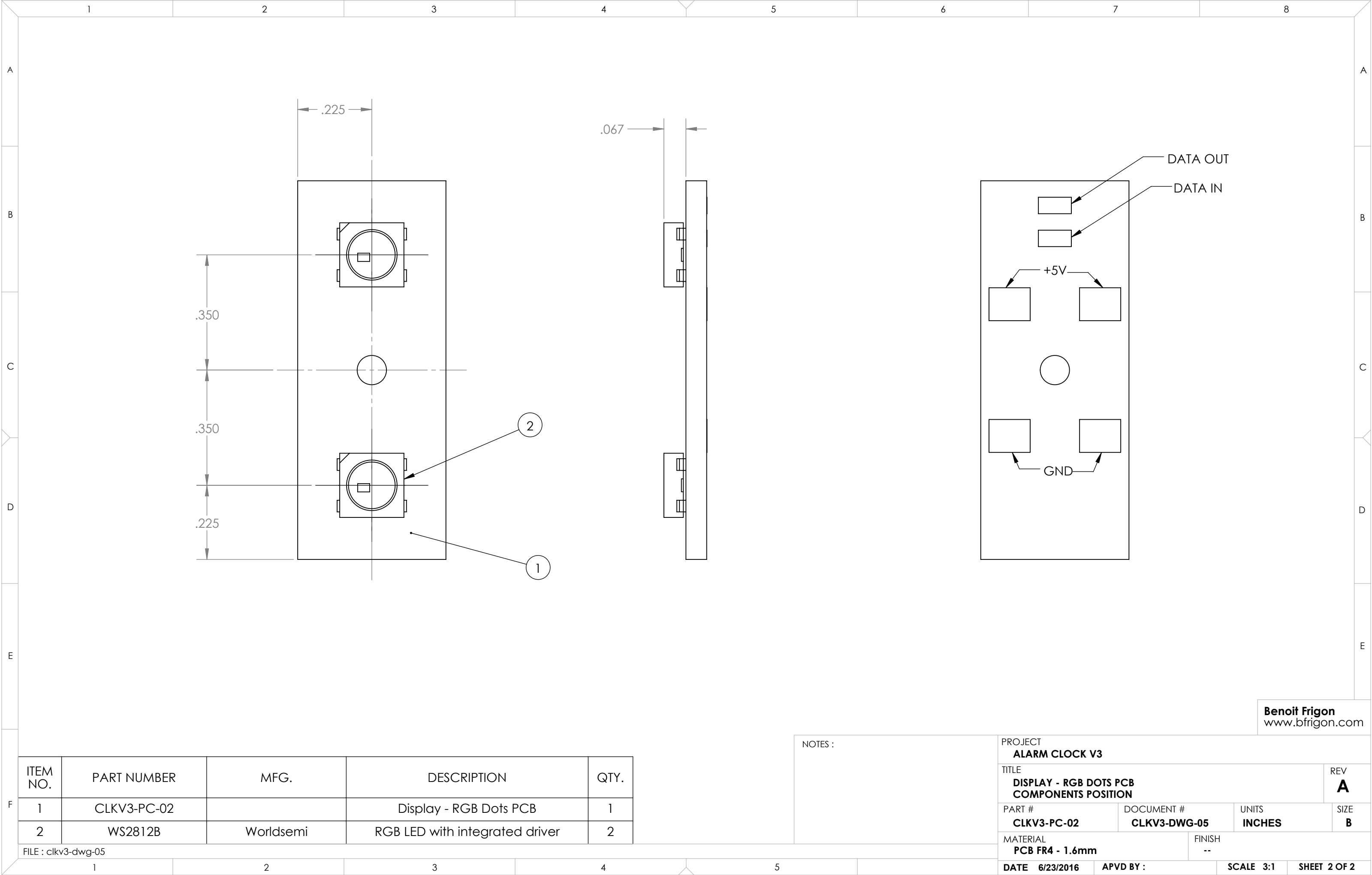
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NOTES :

 ENGRAVING, 50% RASTER

PROJECT ALARM CLOCK V3				
TITLE DISPLAY - FRONT COVER DIMENSIONS		REV B		
PART # CLKV3-ML-03	DOCUMENT # CLKV3-DWG-04	UNITS INCHES	SIZE B	
MATERIAL 3mm MIRROR ACRYLIC		FINISH --		
DATE	6/23/2016	APVD BY :	SCALE 2:1	SHEET 1 OF 1





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ITEM NO.	PART NUMBER	MFG.	DESCRIPTION	QTY.
1	CLKV3-PC-02		Display - RGB Dots PCB	1
2	WS2812B	Worldsemi	RGB LED with integrated driver	2

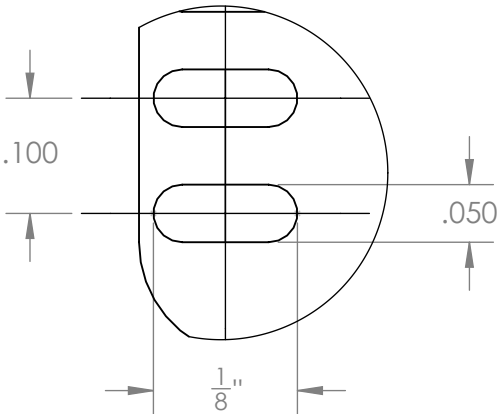
FILE : clkv3-dwg-05

NOTES :

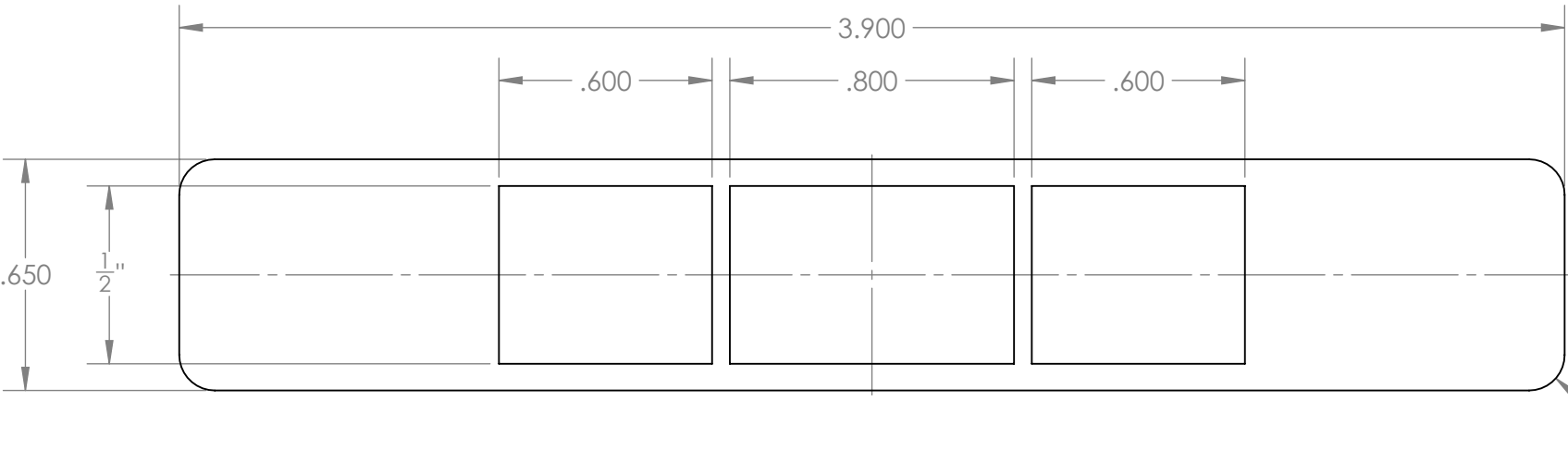
PROJECT ALARM CLOCK V3			
TITLE DISPLAY - RGB DOTS PCB COMPONENTS POSITION			REV A
PART # CLKV3-PC-02	DOCUMENT # CLKV3-DWG-05	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 3:1	SHEET 2 OF 2



TOP



DETAIL A
SCALE 6 : 1



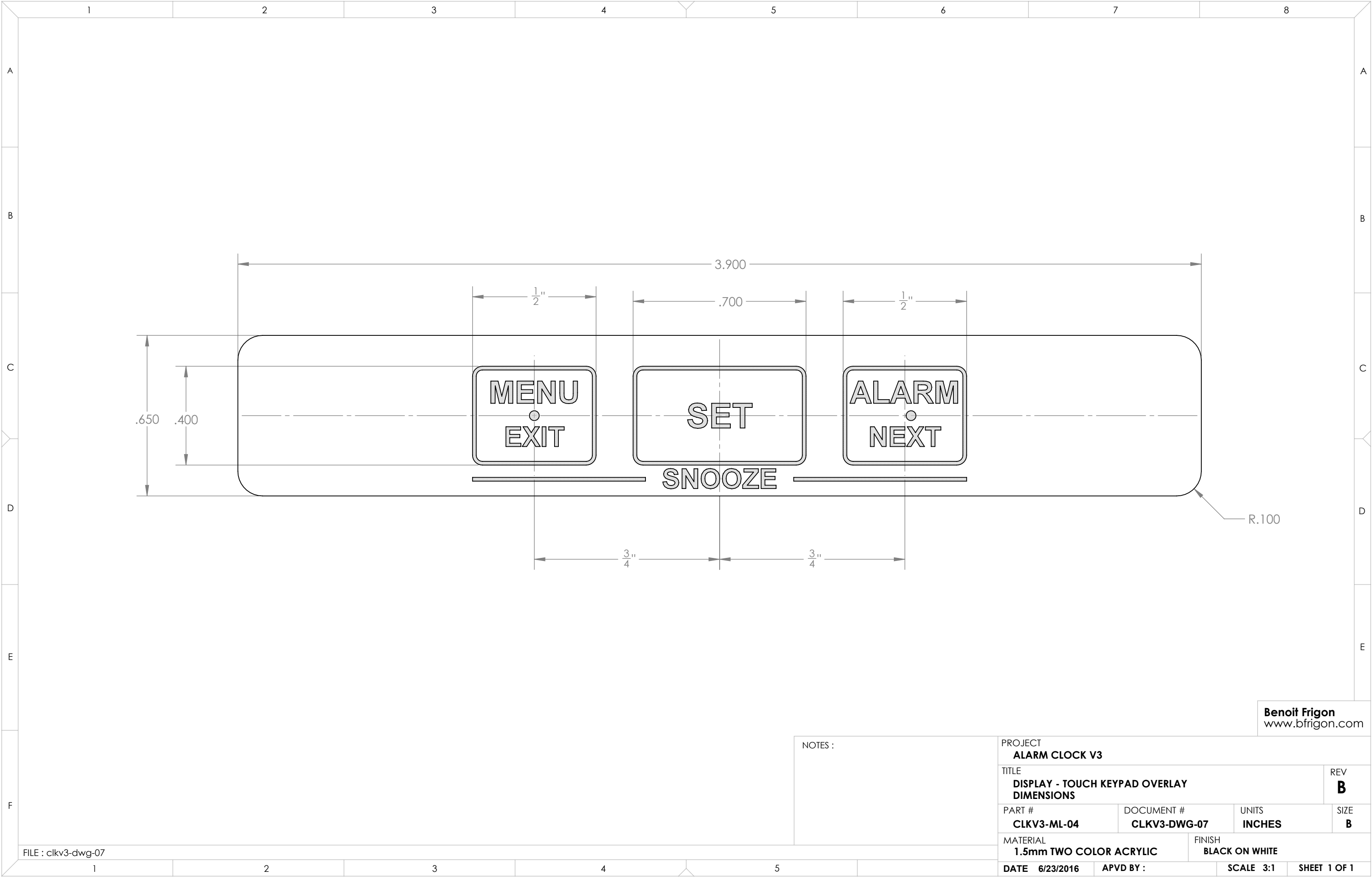
BOTTOM

R.100

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NOTES :

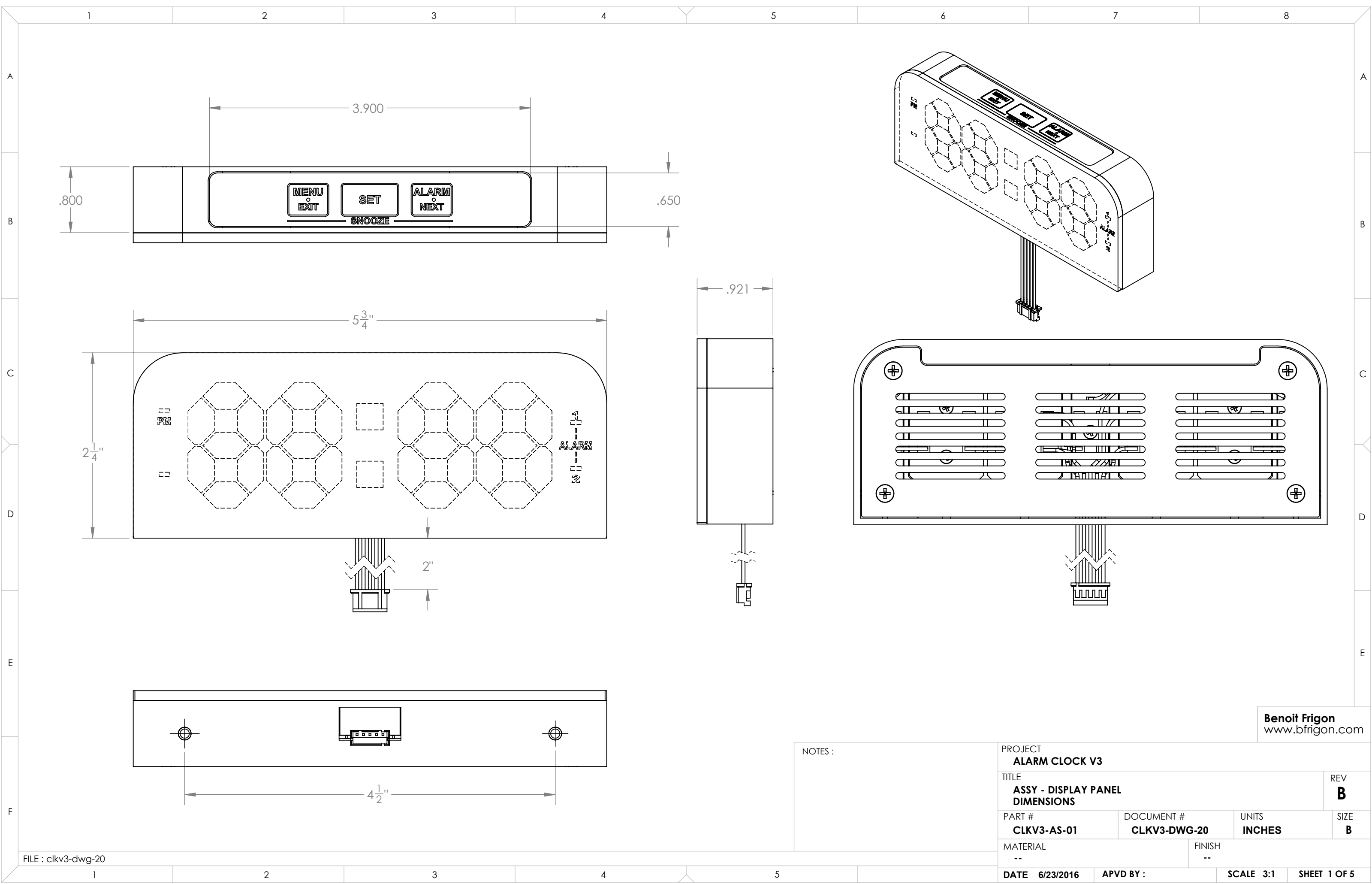
PROJECT ALARM CLOCK V3			
TITLE DISPLAY - TOUCH KEYPAD PCB DIMENSIONS			REV A
PART # CLKV3-PC-03	DOCUMENT # CLKV3-DWG-06	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6mm		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 2:1	SHEET 1 OF 1

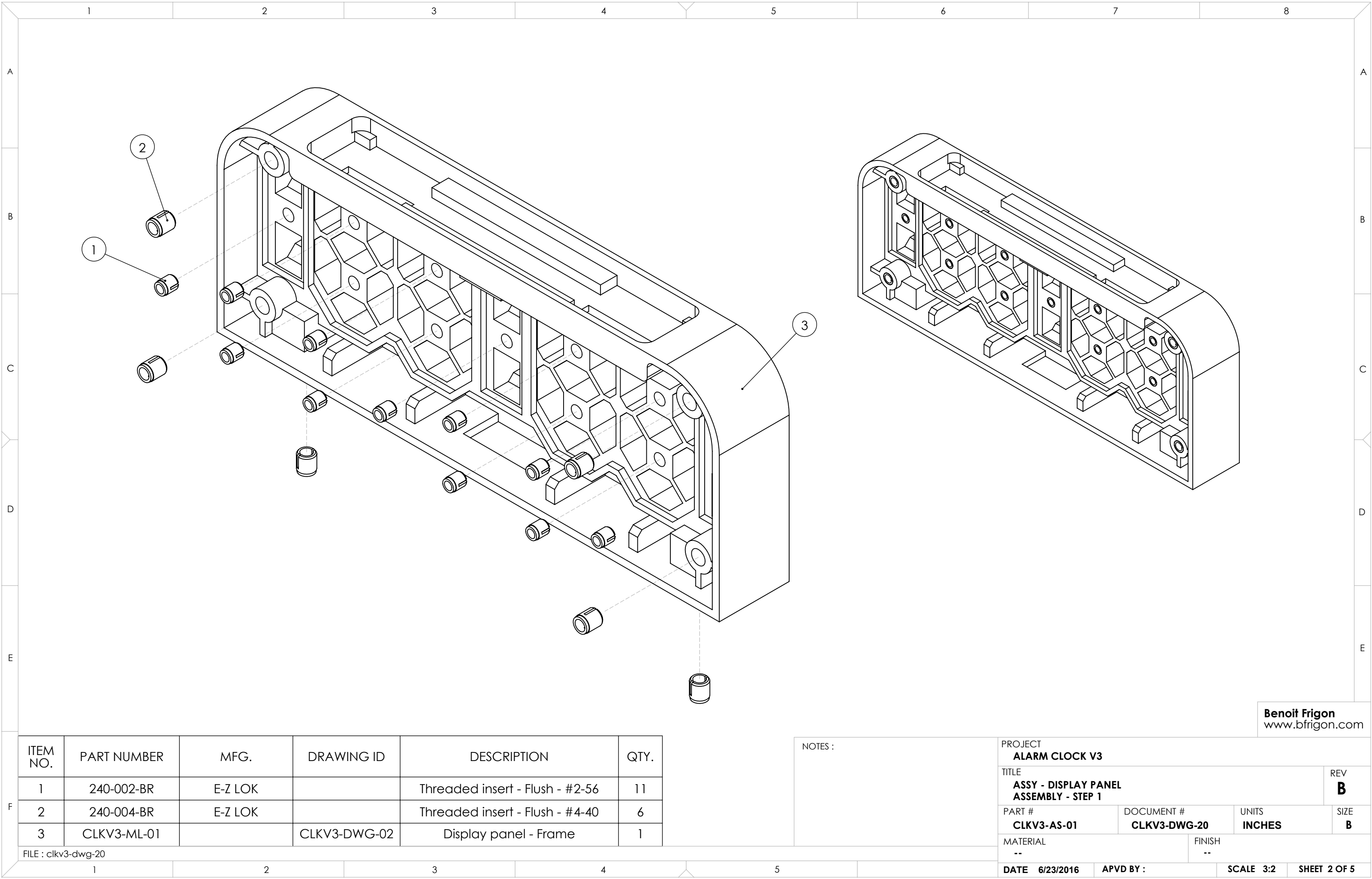


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NOTES :

PROJECT ALARM CLOCK V3			
TITLE DISPLAY - TOUCH KEYPAD OVERLAY DIMENSIONS			REV B
PART # CLKV3-ML-04	DOCUMENT # CLKV3-DWG-07	UNITS INCHES	SIZE B
MATERIAL 1.5mm TWO COLOR ACRYLIC		FINISH BLACK ON WHITE	
DATE 6/23/2016	APVD BY :	SCALE 3:1	SHEET 1 OF 1





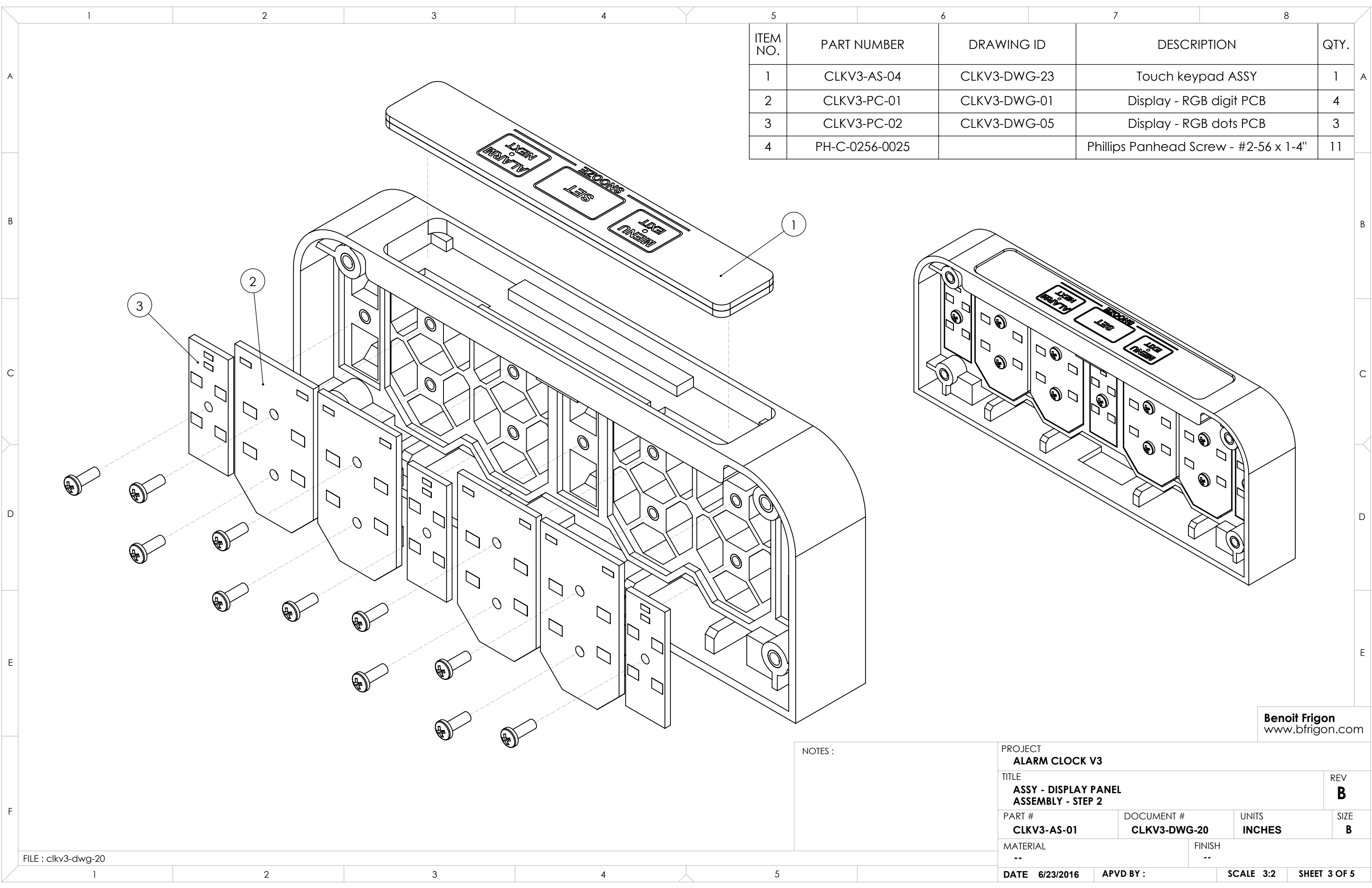
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ITEM NO.	PART NUMBER	MFG.	DRAWING ID	DESCRIPTION	QTY.
1	240-002-BR	E-Z LOK		Threaded insert - Flush - #2-56	11
2	240-004-BR	E-Z LOK		Threaded insert - Flush - #4-40	6
3	CLKV3-ML-01		CLKV3-DWG-02	Display panel - Frame	1

FILE : clkv3-dwg-20

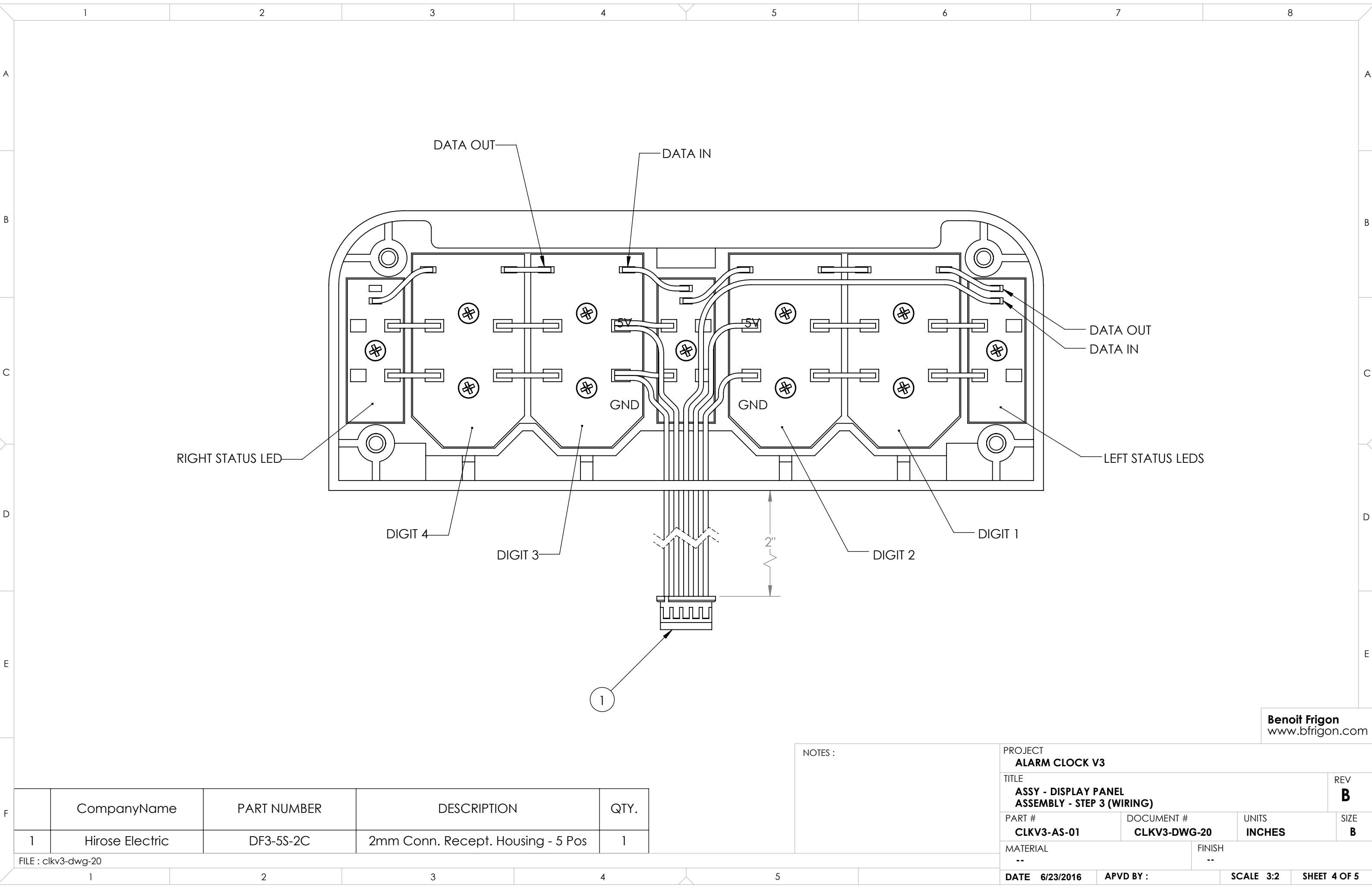
NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY PANEL ASSEMBLY - STEP 1			REV B
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-20	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 3:2	SHEET 2 OF 5



ITEM NO.	PART NUMBER	DRAWING ID	DESCRIPTION	QTY.
1	CLKV3-AS-04	CLKV3-DWG-23	Touch keypad ASSY	1
2	CLKV3-PC-01	CLKV3-DWG-01	Display - RGB digit PCB	4
3	CLKV3-PC-02	CLKV3-DWG-05	Display - RGB dots PCB	3
4	PH-C-0256-0025		Phillips Panhead Screw - #2-56 x 1-4"	11

NOTES :					PROJECT ALARM CLOCK V3			
					TITLE ASSY - DISPLAY PANEL ASSEMBLY - STEP 2			
					PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-20	UNITS INCHES	REV B
					MATERIAL --	FINISH --		
					DATE 6/23/2016	APVD BY :	SCALE 3:2	SHEET 3 OF 5



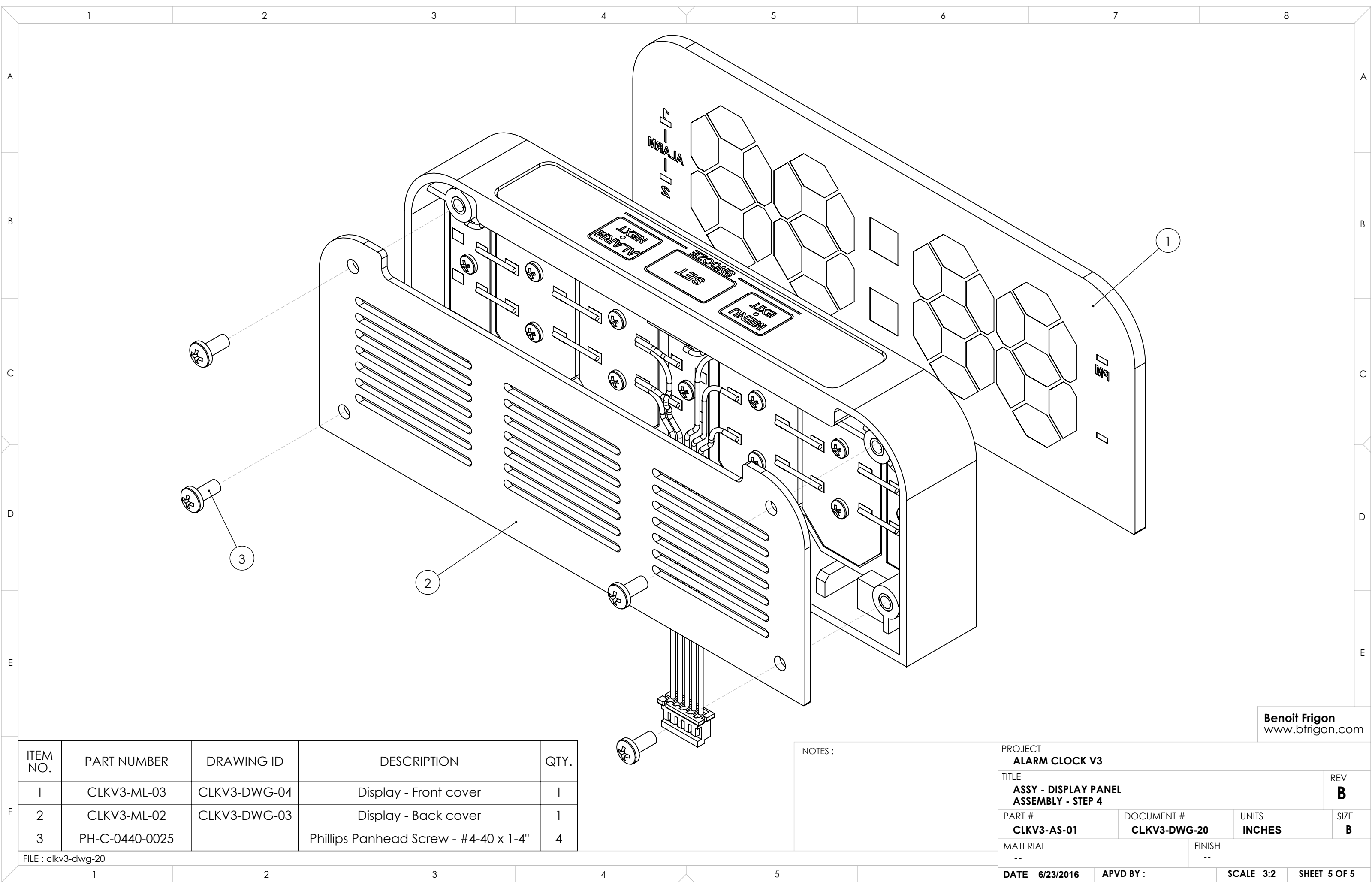
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NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY PANEL ASSEMBLY - STEP 3 (WIRING)			REV B
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-20	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 3:2	SHEET 4 OF 5

	CompanyName	PART NUMBER	DESCRIPTION	QTY.
1	Hirose Electric	DF3-5S-2C	2mm Conn. Recept. Housing - 5 Pos	1

FILE : clkv3-dwg-20



ITEM NO.	PART NUMBER	DRAWING ID	DESCRIPTION	QTY.
1	CLKV3-ML-03	CLKV3-DWG-04	Display - Front cover	1
2	CLKV3-ML-02	CLKV3-DWG-03	Display - Back cover	1
3	PH-C-0440-0025		Phillips Panhead Screw - #4-40 x 1-4"	4

FILE : clkv3-dwg-20

NOTES :

PROJECT ALARM CLOCK V3			
TITLE ASSY - DISPLAY PANEL ASSEMBLY - STEP 4			REV B
PART # CLKV3-AS-01	DOCUMENT # CLKV3-DWG-20	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 6/23/2016	APVD BY :	SCALE 3:2	SHEET 5 OF 5