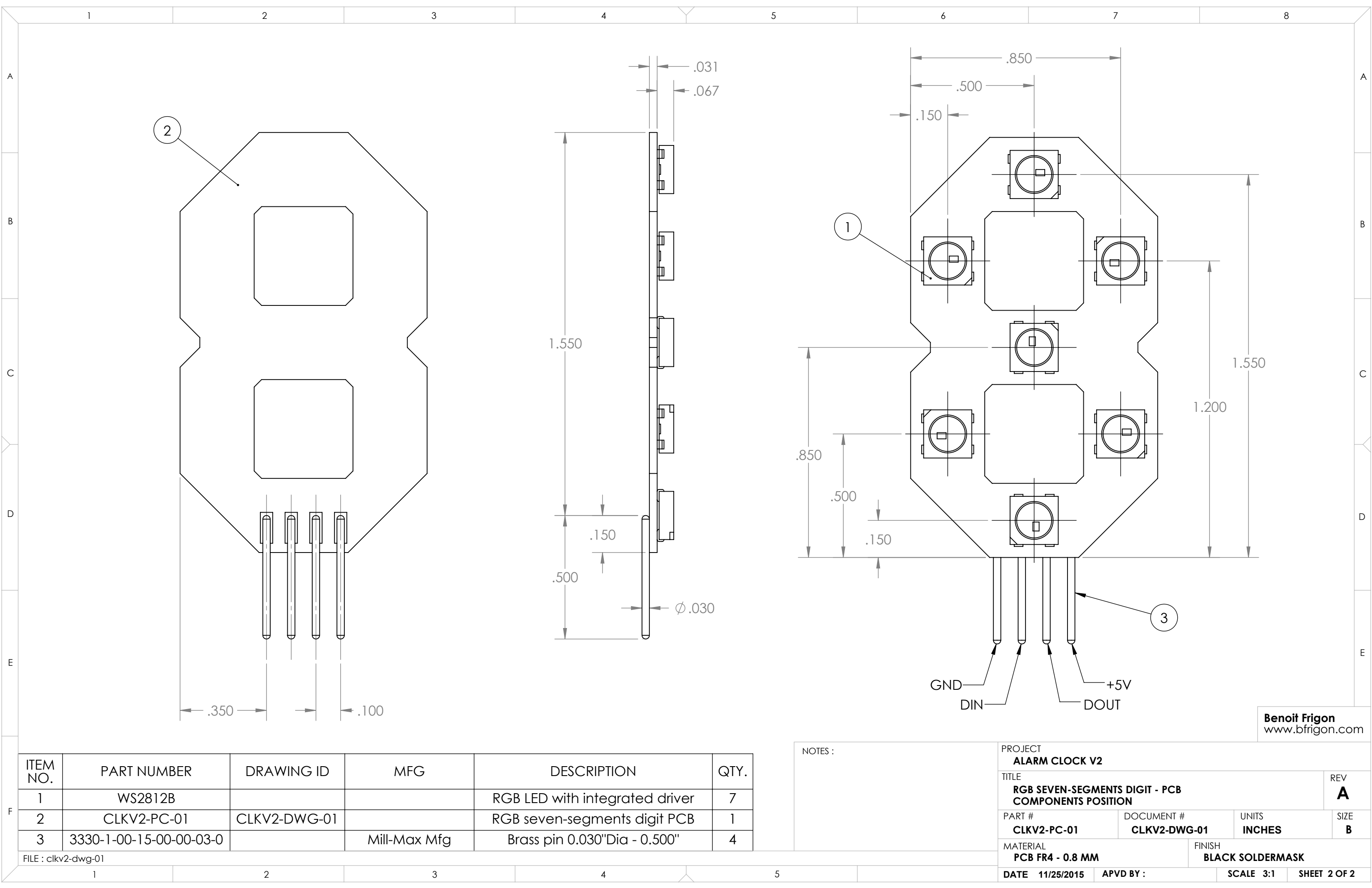


Benoit Frigon
www.bfrigon.com

NOTES :			

PROJECT ALARM CLOCK V2			
TITLE RGB SEVEN-SEGMENTS DIGIT - PCB DIMENSIONS			REV A
PART # CLKV2-PC-01	DOCUMENT # CLKV2-DWG-01	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 0.8 MM		FINISH BLACK SOLDERMASK	
DATE 11/25/2015	APVD BY :	SCALE 3:1	SHEET 1 OF 2

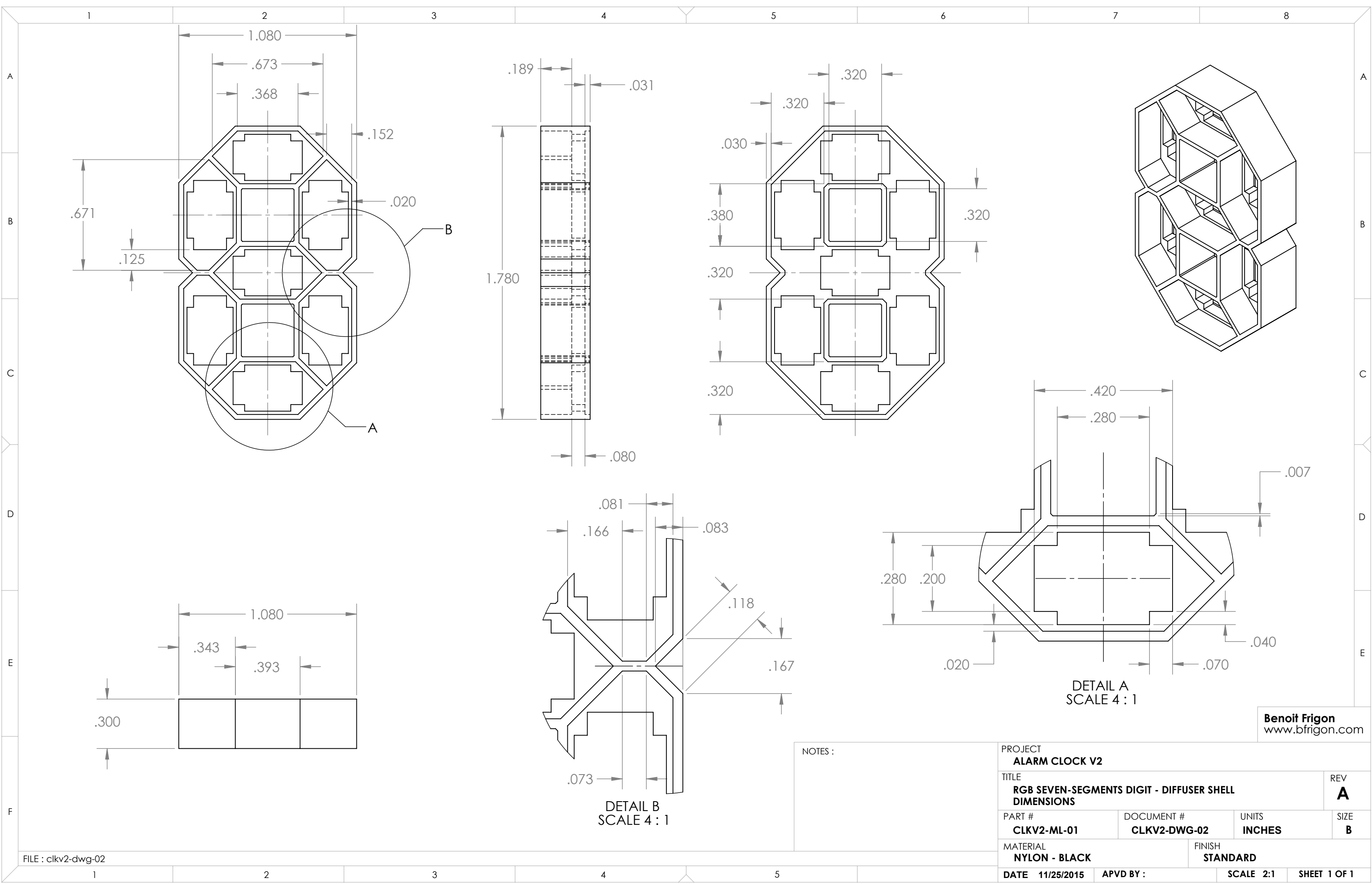


ITEM NO.	PART NUMBER	DRAWING ID	MFG	DESCRIPTION	QTY.
1	WS2812B			RGB LED with integrated driver	7
2	CLKV2-PC-01	CLKV2-DWG-01		RGB seven-segments digit PCB	1
3	3330-1-00-15-00-00-03-0		Mill-Max Mfg	Brass pin 0.030"Dia - 0.500"	4

FILE : clkv2-dwg-01

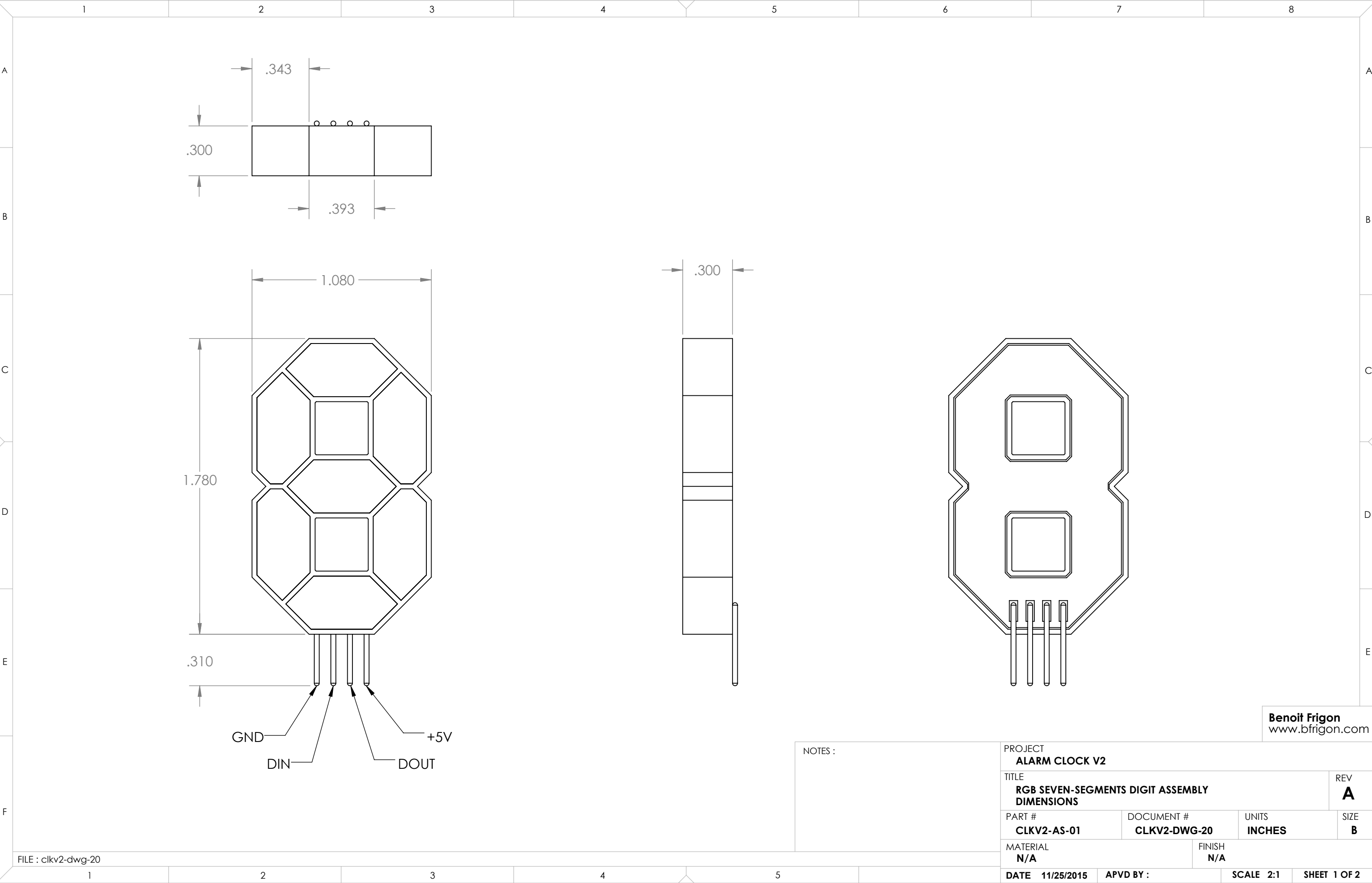
NOTES :

PROJECT ALARM CLOCK V2			
TITLE RGB SEVEN-SEGMENTS DIGIT - PCB COMPONENTS POSITION			REV A
PART # CLKV2-PC-01	DOCUMENT # CLKV2-DWG-01	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 0.8 MM		FINISH BLACK SOLDERMASK	
DATE 11/25/2015	APVD BY :	SCALE 3:1	SHEET 2 OF 2



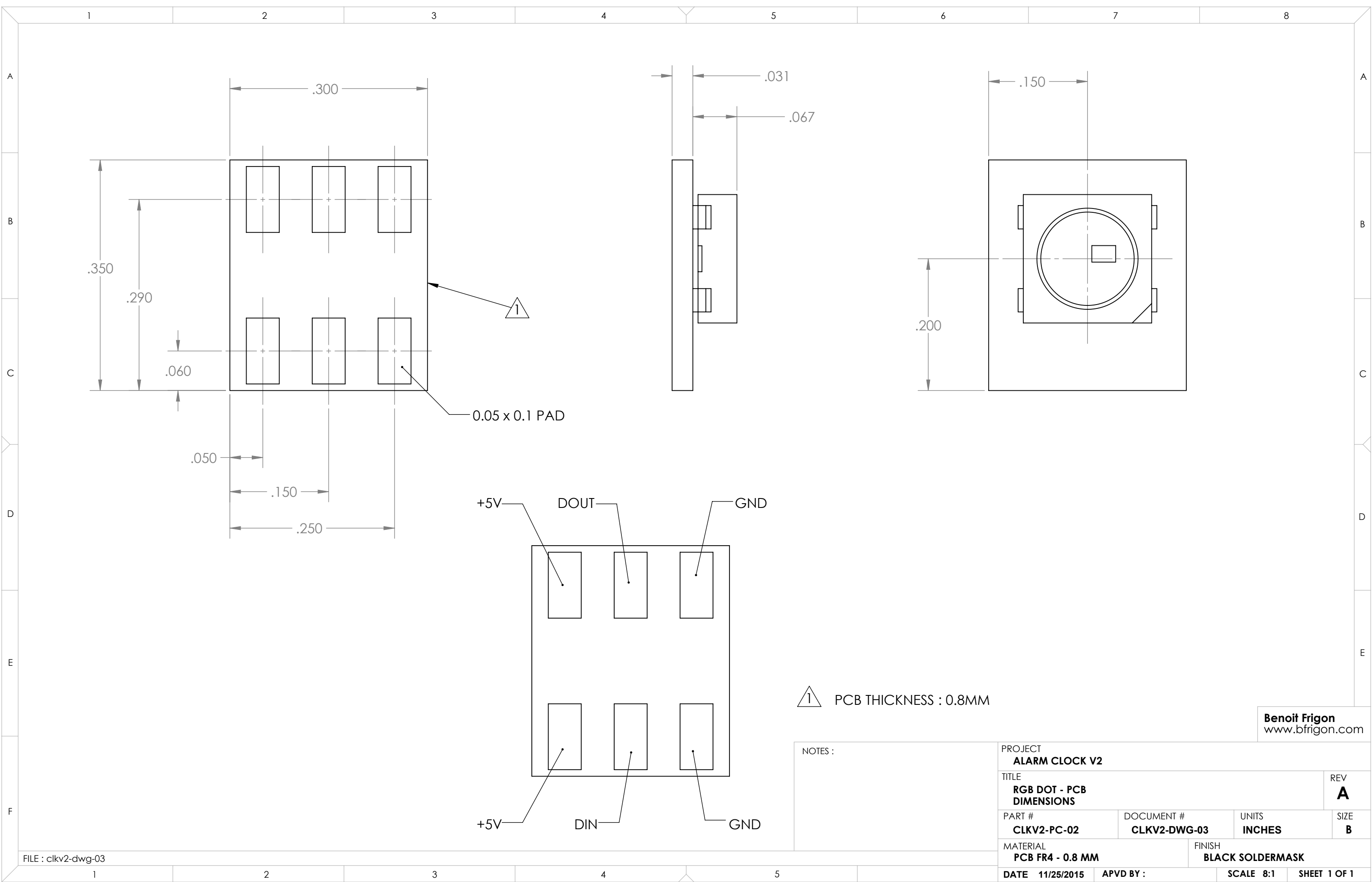
Benoit Frigon
www.bfrigon.com

PROJECT ALARM CLOCK V2			
TITLE RGB SEVEN-SEGMENTS DIGIT - DIFFUSER SHELL DIMENSIONS			REV A
PART # CLKV2-ML-01	DOCUMENT # CLKV2-DWG-02	UNITS INCHES	SIZE B
MATERIAL NYLON - BLACK		FINISH STANDARD	
DATE 11/25/2015	APVD BY :	SCALE 2:1	SHEET 1 OF 1



Benoit Frigon
www.bfrigon.com

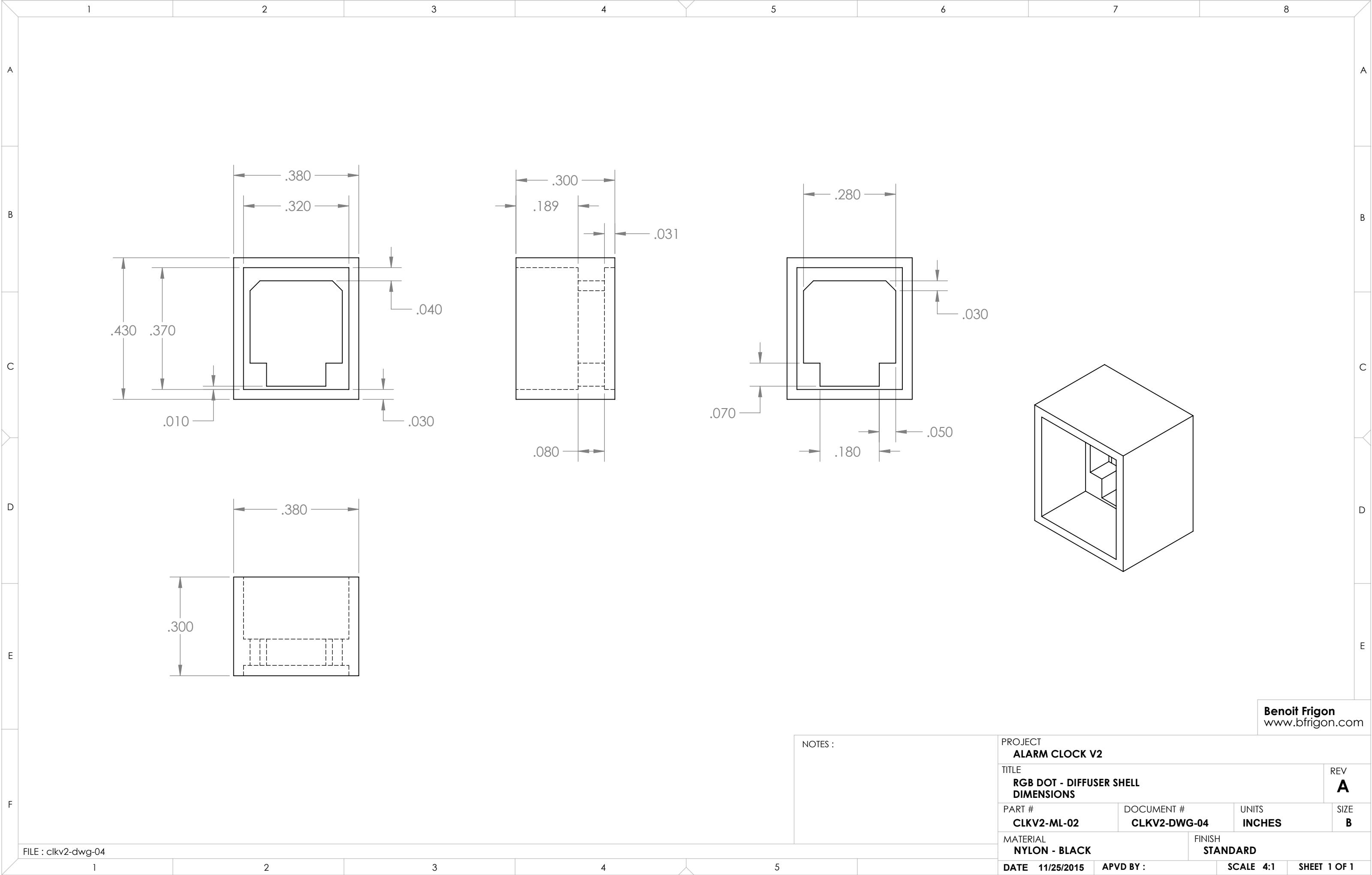
NOTES :				PROJECT ALARM CLOCK V2			
				TITLE RGB SEVEN-SEGMENTS DIGIT ASSEMBLY DIMENSIONS			REV A
				PART # CLKV2-AS-01	DOCUMENT # CLKV2-DWG-20	UNITS INCHES	SIZE B
				MATERIAL N/A		FINISH N/A	
DATE		11/25/2015	APVD BY :		SCALE		SHEET 1 OF 2



NOTES :

PCB THICKNESS : 0.8MM

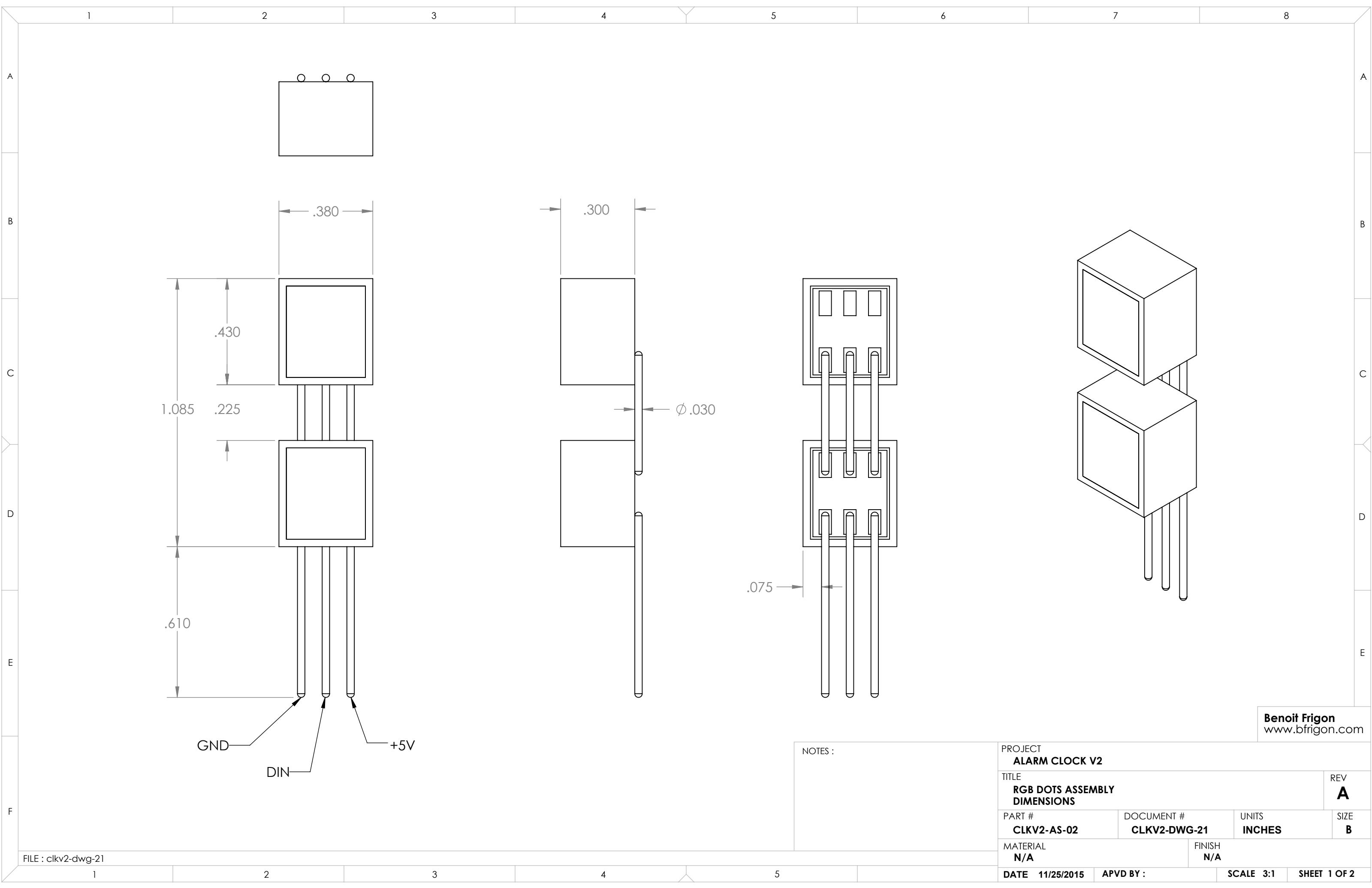
PROJECT ALARM CLOCK V2			
TITLE RGB DOT - PCB DIMENSIONS			REV A
PART # CLKV2-PC-02	DOCUMENT # CLKV2-DWG-03	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 0.8 MM		FINISH BLACK SOLDERMASK	
DATE 11/25/2015	APVD BY :	SCALE 8:1	SHEET 1 OF 1



Benoit Frigon
www.bfrigon.com

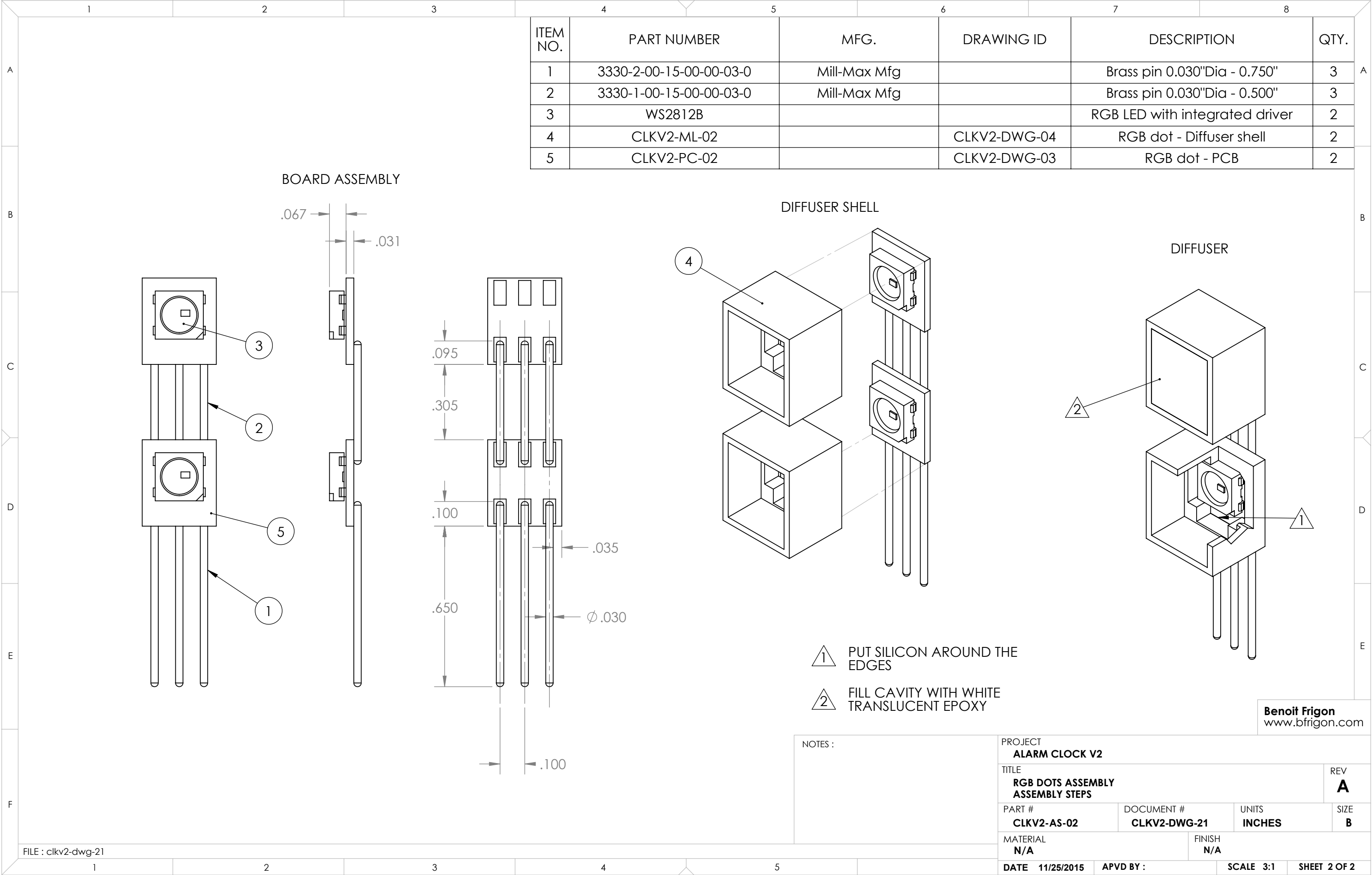
NOTES :

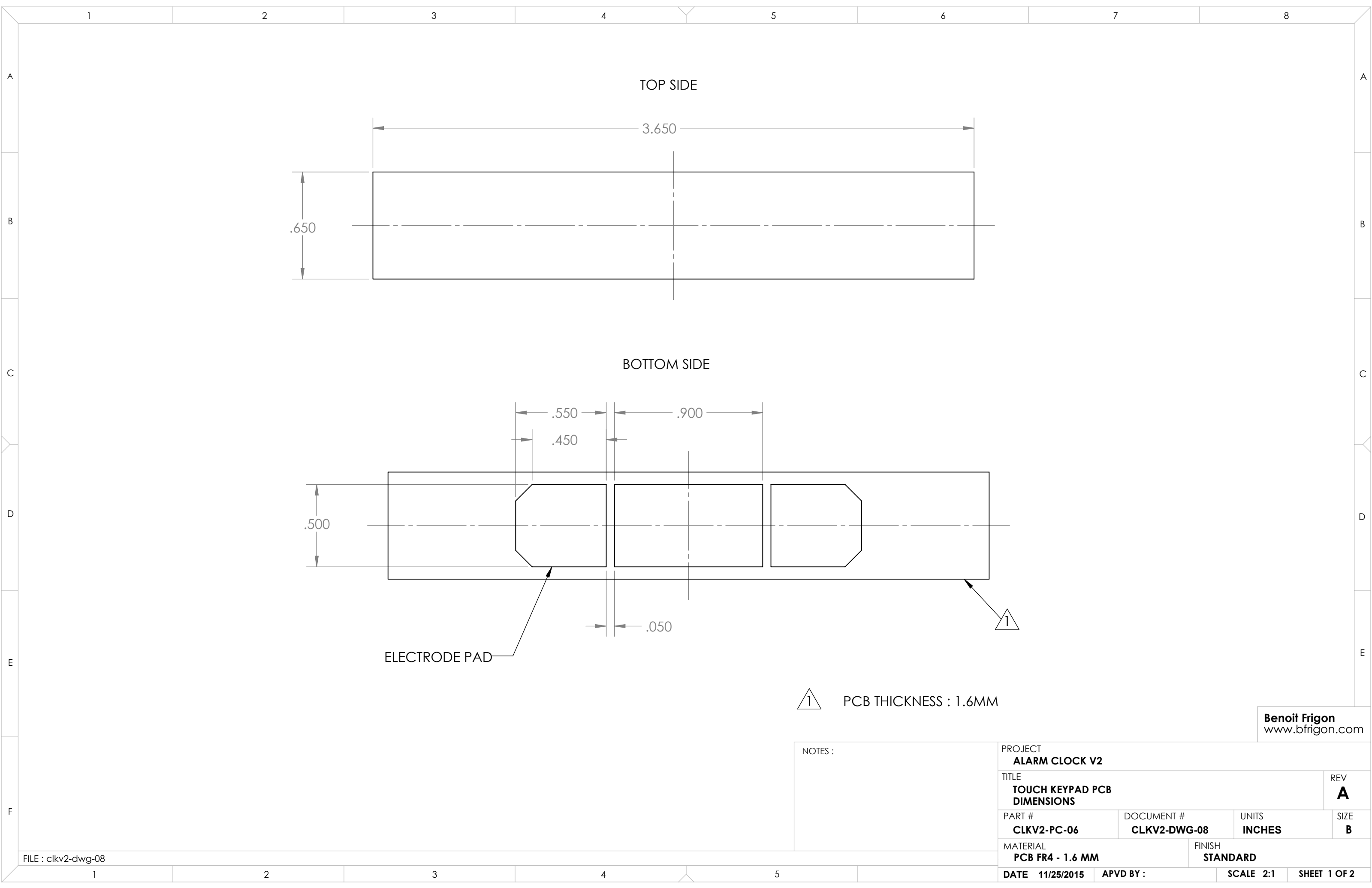
PROJECT ALARM CLOCK V2			
TITLE RGB DOT - DIFFUSER SHELL DIMENSIONS			REV A
PART # CLKV2-ML-02	DOCUMENT # CLKV2-DWG-04	UNITS INCHES	SIZE B
MATERIAL NYLON - BLACK		FINISH STANDARD	
DATE 11/25/2015	APVD BY :		SCALE 4:1 SHEET 1 OF 1



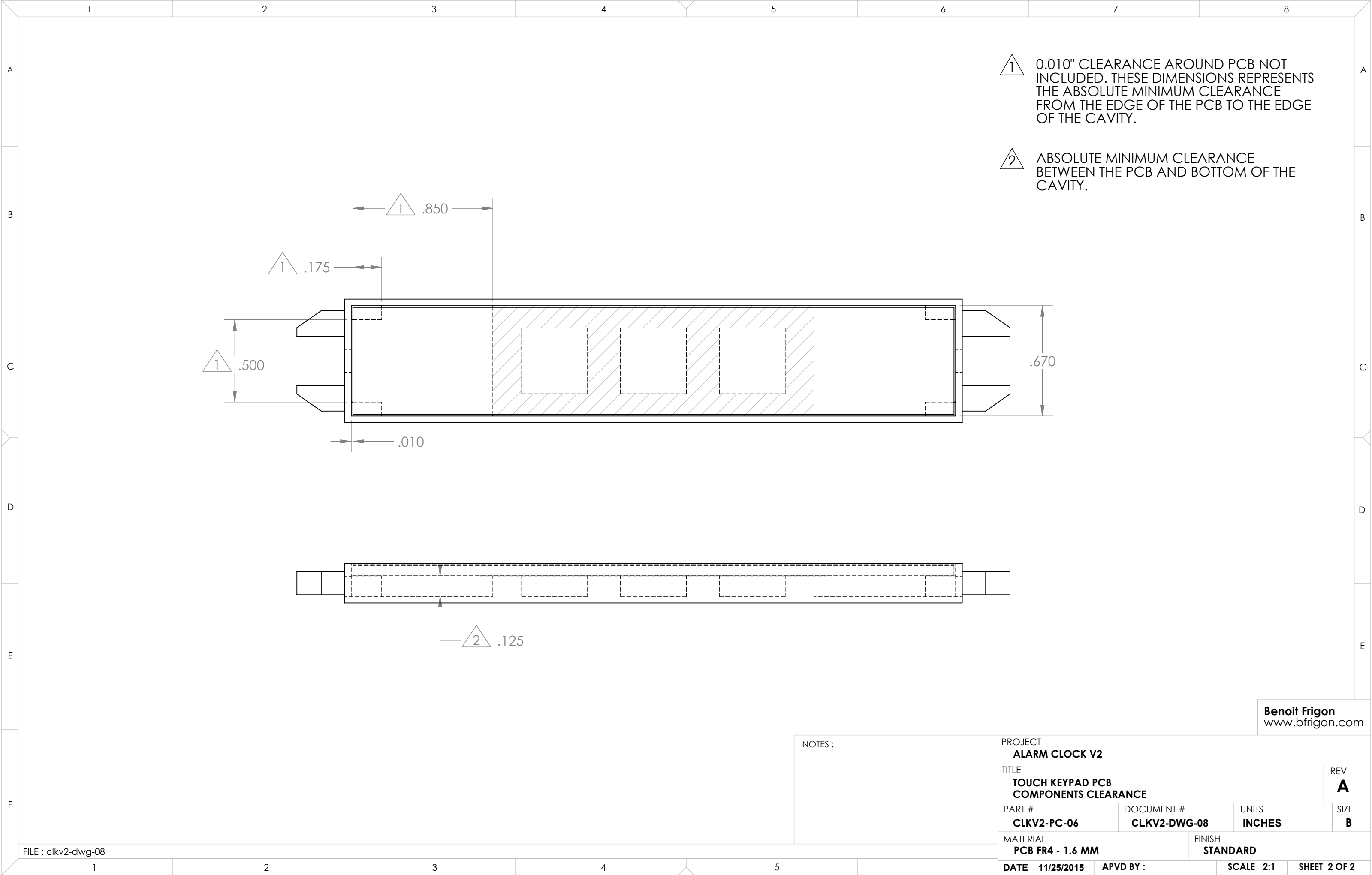
Benoit Frigon
www.bfrigon.com

PROJECT				
ALARM CLOCK V2				
TITLE				REV
RGB DOTS ASSEMBLY				A
DIMENSIONS				
PART #		DOCUMENT #	UNITS	SIZE
CLKV2-AS-02		CLKV2-DWG-21	INCHES	B
MATERIAL			FINISH	
N/A			N/A	
DATE	11/25/2015	APVD BY :	SCALE 3:1	SHEET 1 OF 2





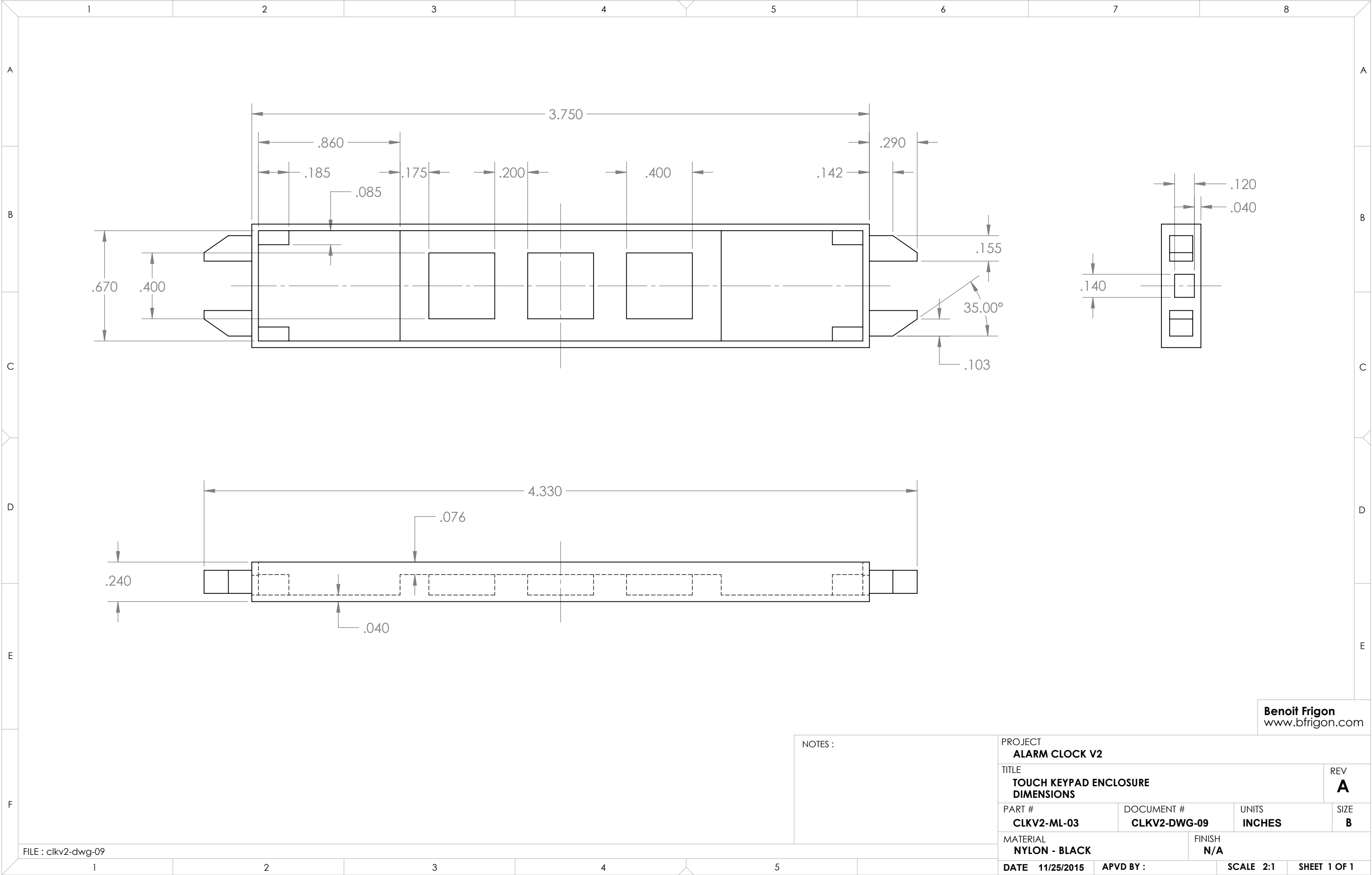
NOTES :				PROJECT ALARM CLOCK V2			
				TITLE TOUCH KEYPAD PCB DIMENSIONS			REV A
				PART # CLKV2-PC-06	DOCUMENT # CLKV2-DWG-08	UNITS INCHES	SIZE B
				MATERIAL PCB FR4 - 1.6 MM		FINISH STANDARD	
DATE 11/25/2015		APVD BY :		SCALE 2:1		SHEET 1 OF 2	



Benoit Frigon
www.bfrigon.com

NOTES :

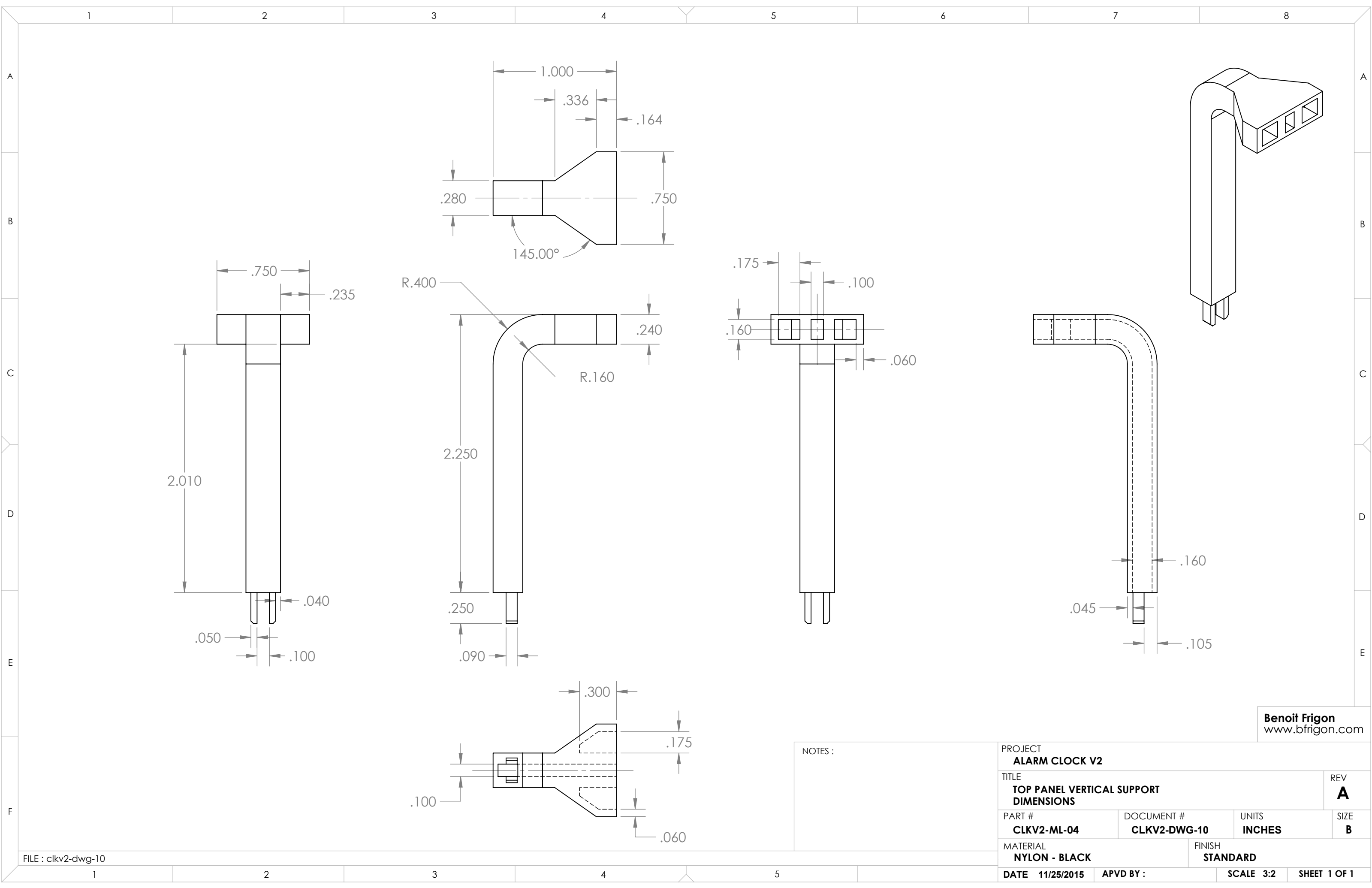
PROJECT ALARM CLOCK V2			
TITLE TOUCH KEYPAD PCB COMPONENTS CLEARANCE			REV A
PART # CLKV2-PC-06	DOCUMENT # CLKV2-DWG-08	UNITS INCHES	SIZE B
MATERIAL PCB FR4 - 1.6 MM		FINISH STANDARD	
DATE 11/25/2015	APVD BY :	SCALE 2:1	SHEET 2 OF 2



Benoit Frigon
www.bfrigon.com

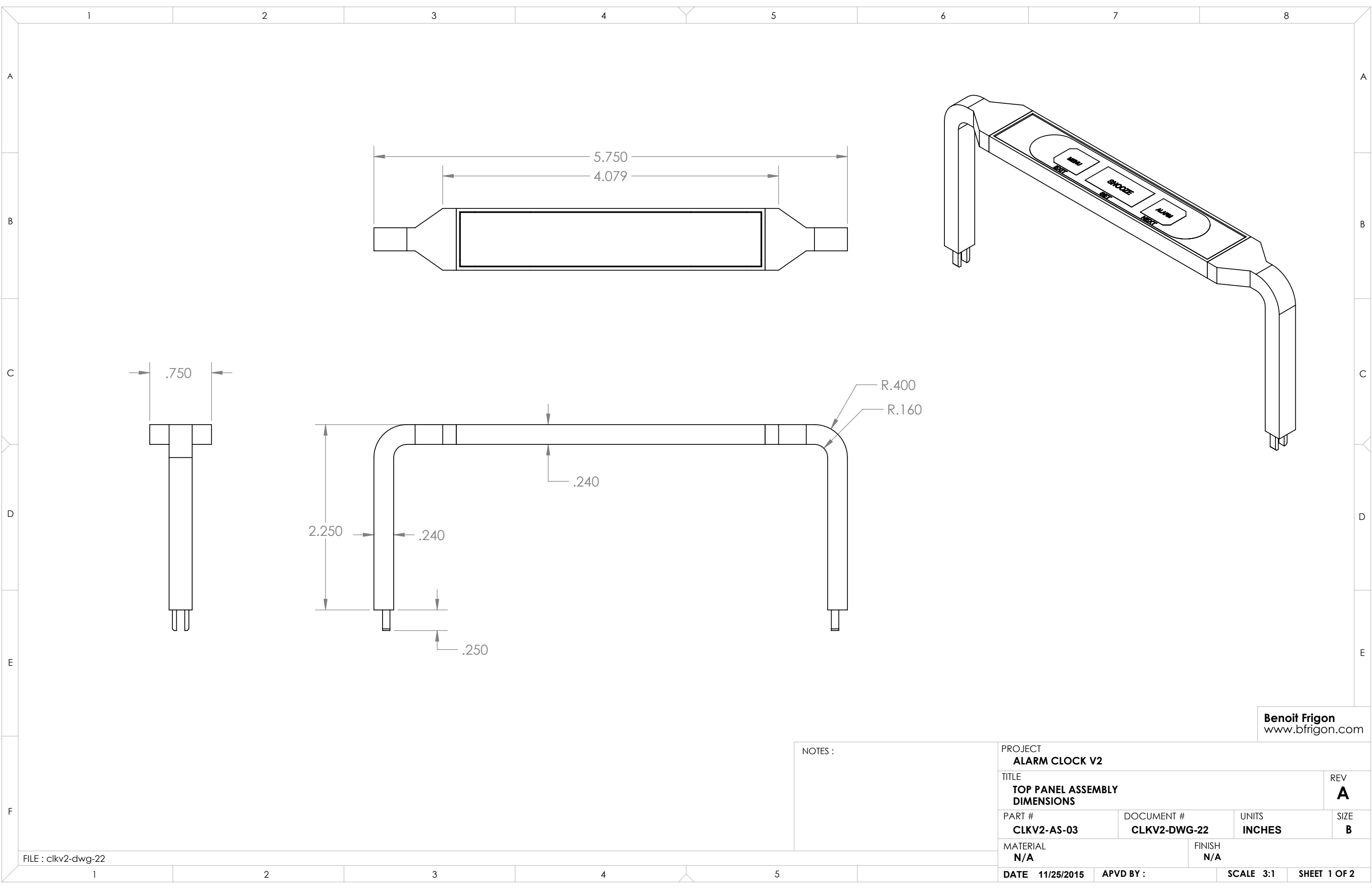
NOTES :

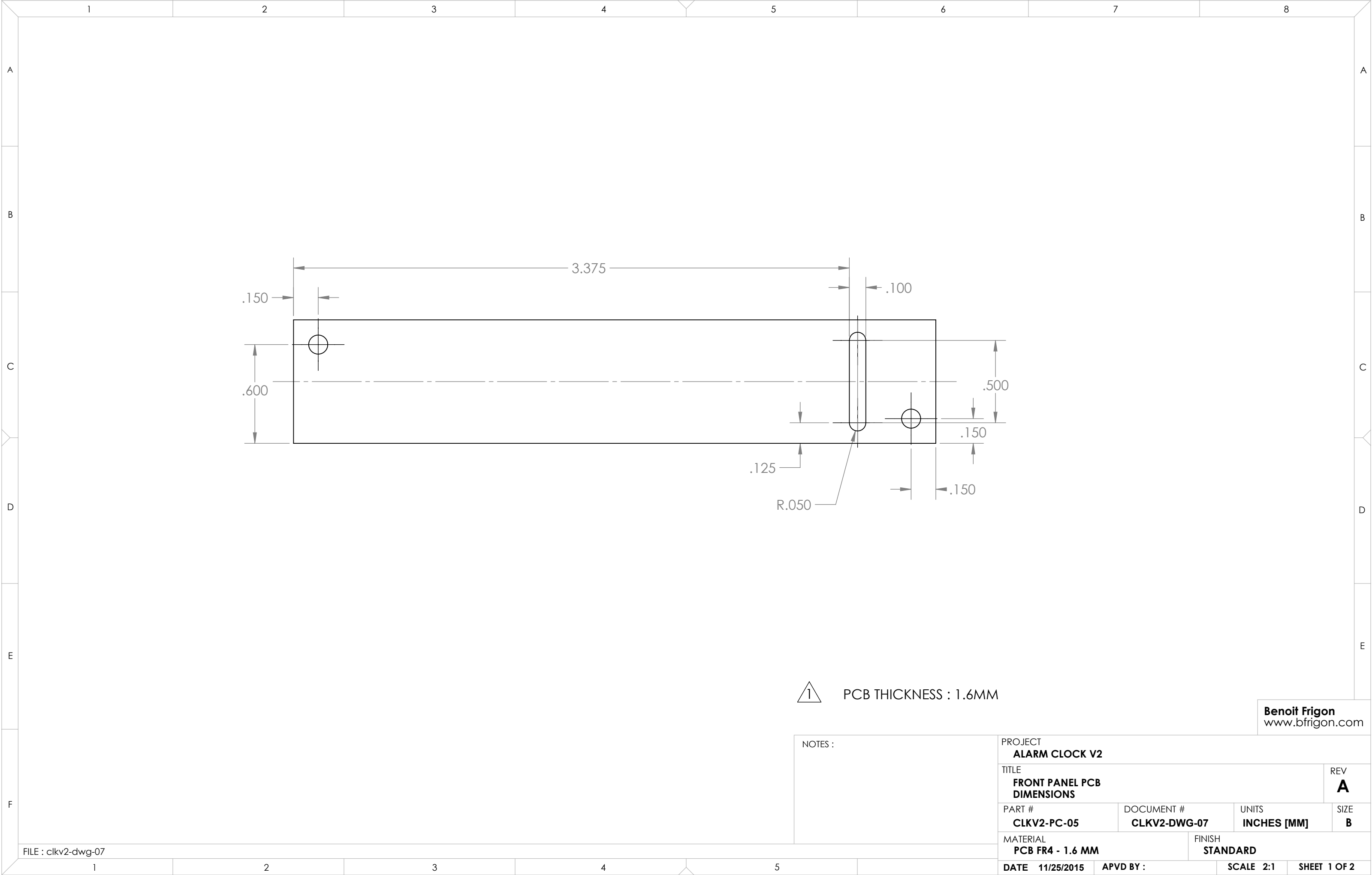
PROJECT ALARM CLOCK V2			
TITLE TOUCH KEYPAD ENCLOSURE DIMENSIONS			REV A
PART # CLKV2-ML-03	DOCUMENT # CLKV2-DWG-09	UNITS INCHES	SIZE B
MATERIAL NYLON - BLACK		FINISH N/A	
DATE 11/25/2015	APVD BY :		SCALE 2:1 SHEET 1 OF 1

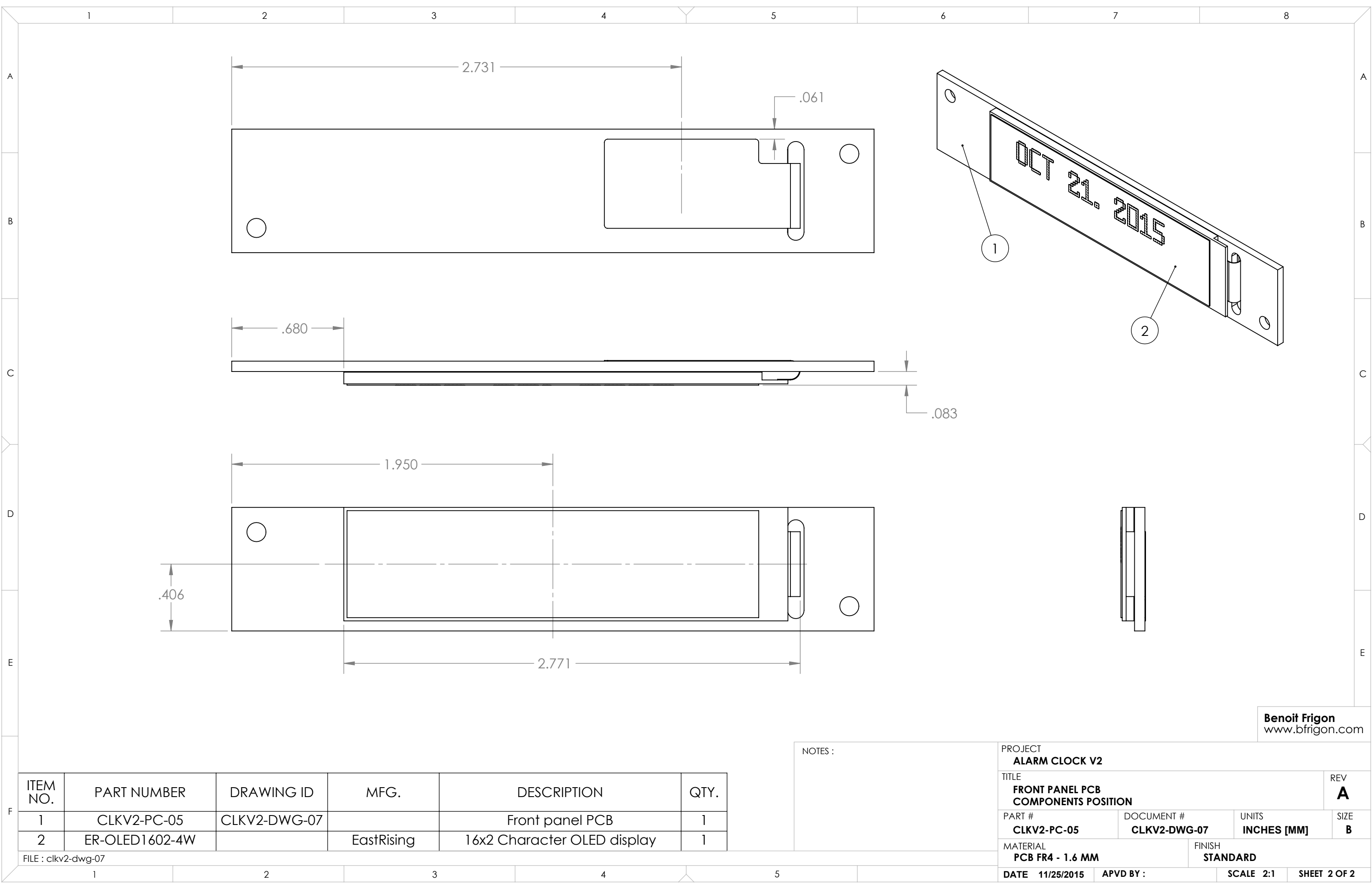


NOTES :

PROJECT ALARM CLOCK V2			
TITLE TOP PANEL VERTICAL SUPPORT DIMENSIONS			REV A
PART # CLKV2-ML-04	DOCUMENT # CLKV2-DWG-10	UNITS INCHES	SIZE B
MATERIAL NYLON - BLACK		FINISH STANDARD	
DATE 11/25/2015	APVD BY :		SCALE 3:2 SHEET 1 OF 1







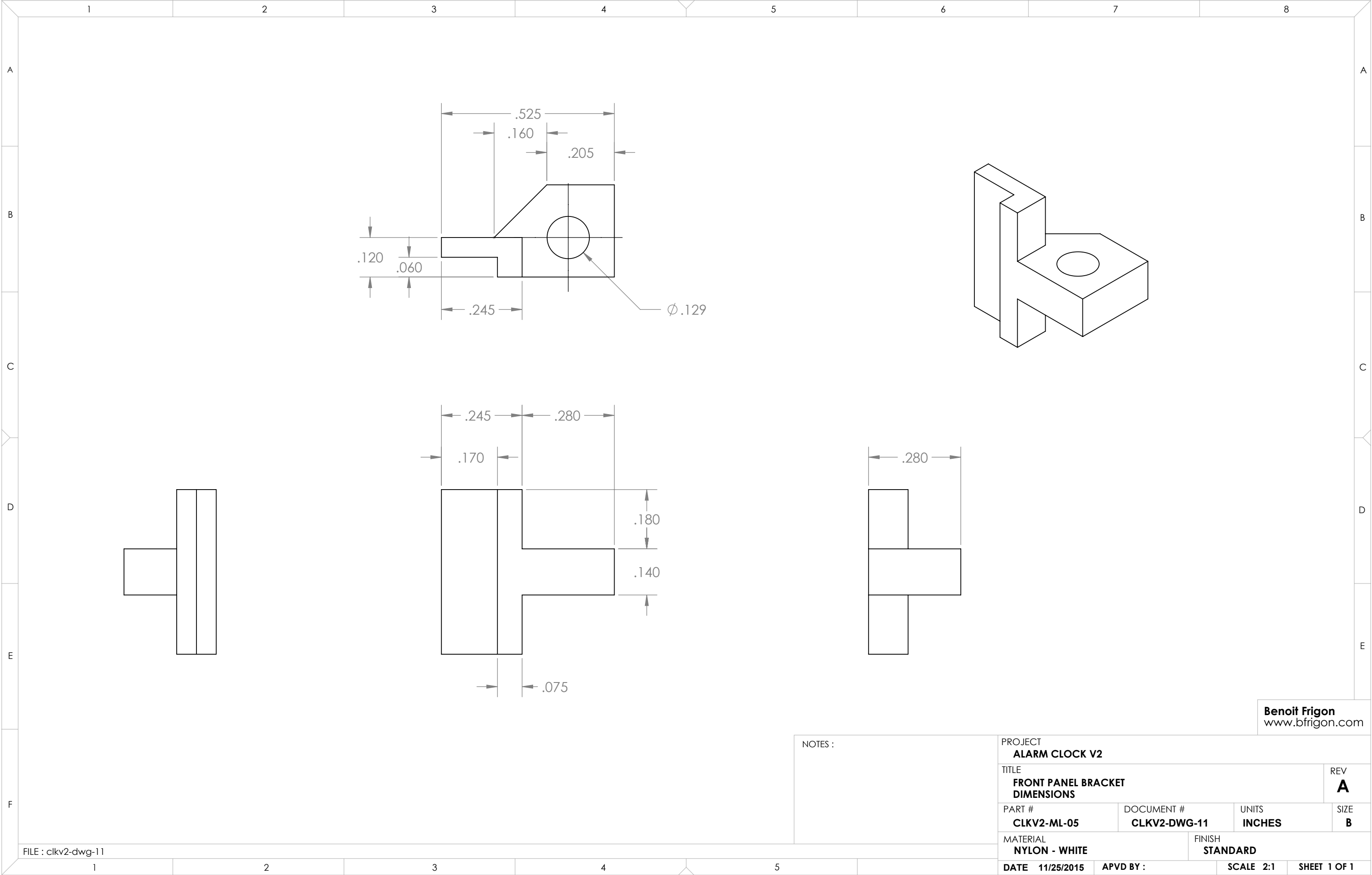
Benoit Frigon
www.bfrigon.com

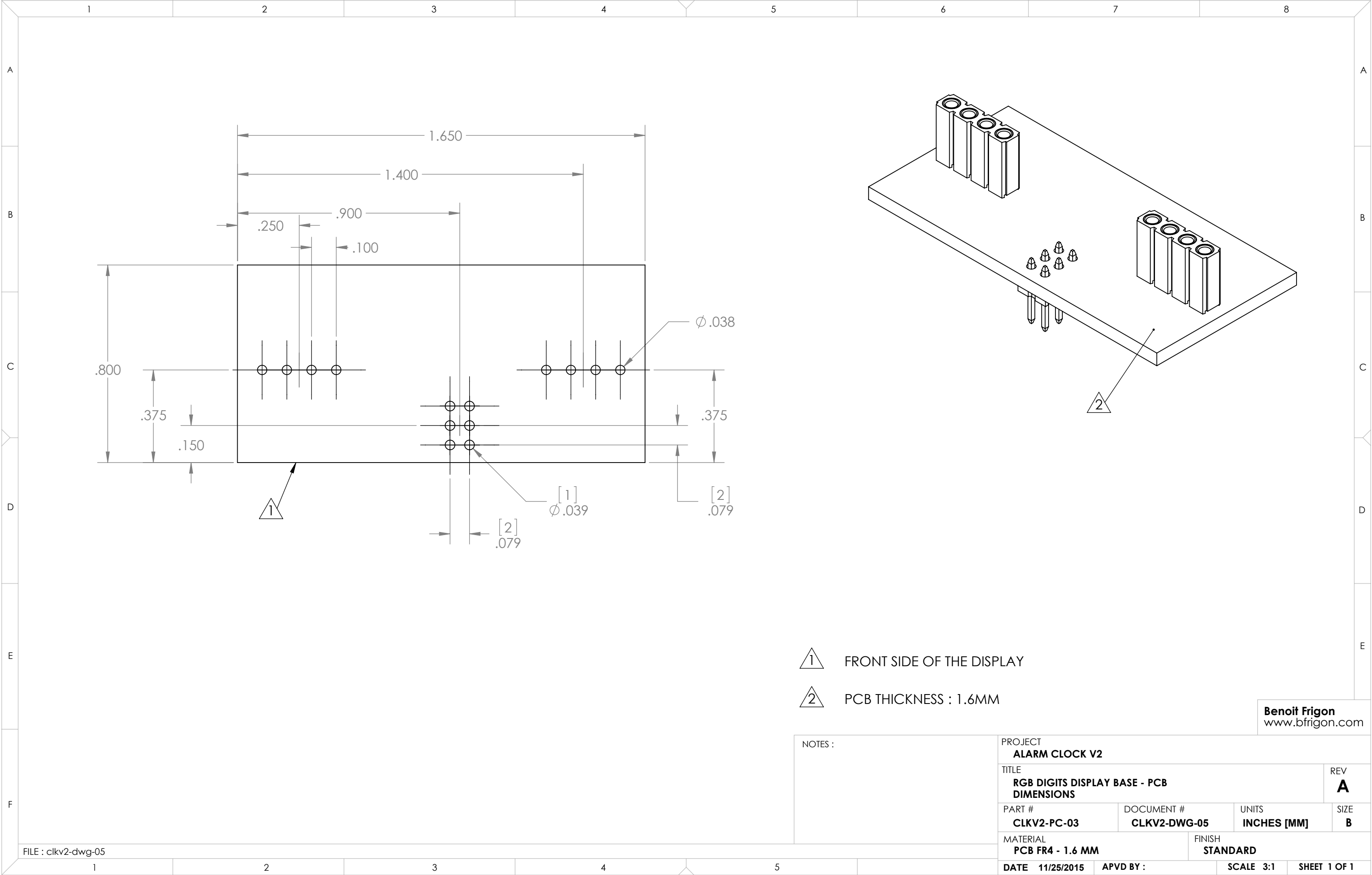
ITEM NO.	PART NUMBER	DRAWING ID	MFG.	DESCRIPTION	QTY.
1	CLKV2-PC-05	CLKV2-DWG-07		Front panel PCB	1
2	ER-OLED1602-4W		EastRising	16x2 Character OLED display	1

FILE : clkv2-dwg-07

NOTES :

PROJECT ALARM CLOCK V2				
TITLE FRONT PANEL PCB COMPONENTS POSITION				REV A
PART # CLKV2-PC-05		DOCUMENT # CLKV2-DWG-07	UNITS INCHES [MM]	SIZE B
MATERIAL PCB FR4 - 1.6 MM			FINISH STANDARD	
DATE 11/25/2015	APVD BY :		SCALE 2:1	SHEET 2 OF 2



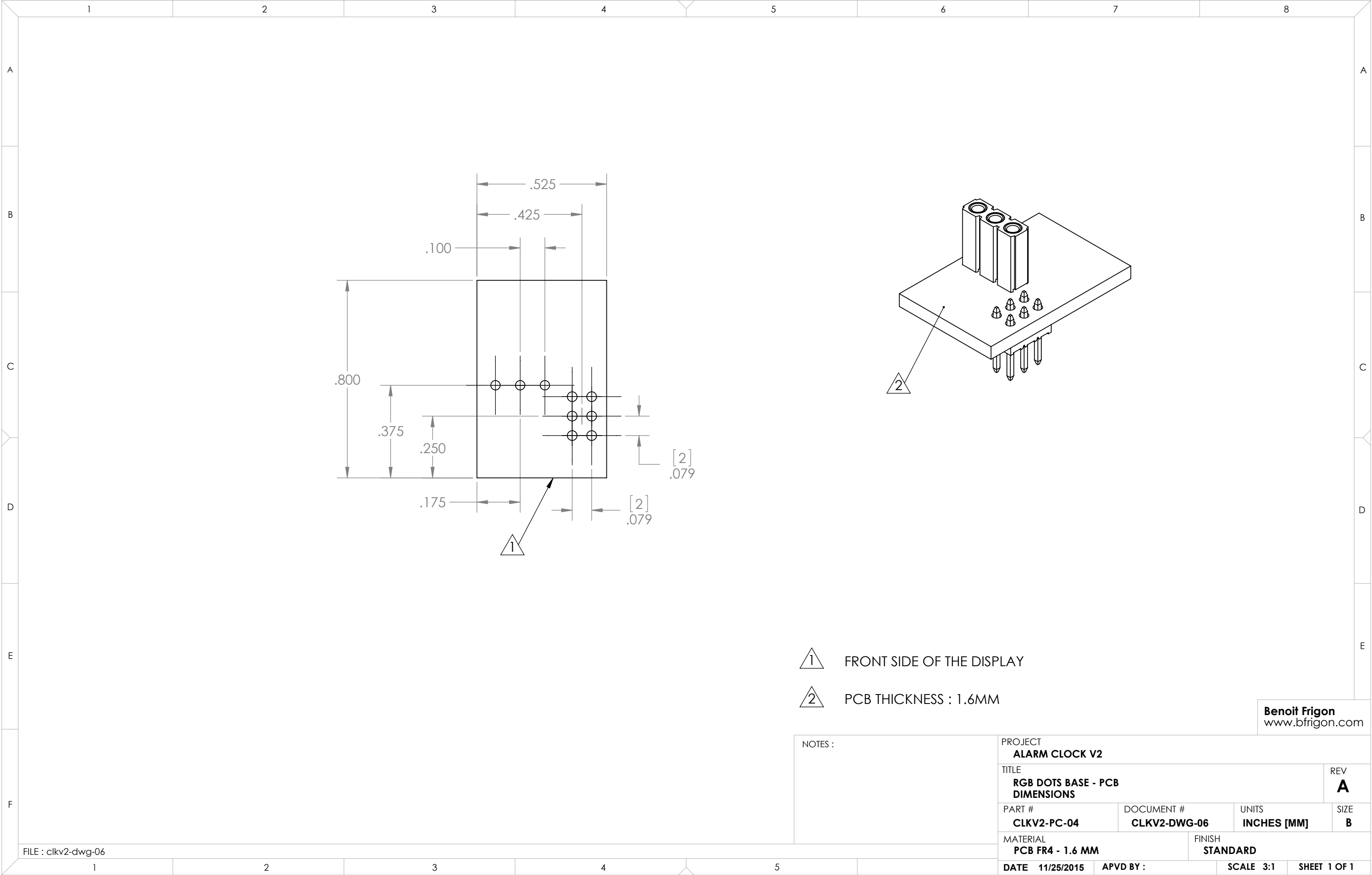


1 FRONT SIDE OF THE DISPLAY

2 PCB THICKNESS : 1.6MM

Benoit Frigon
www.bfrigon.com

NOTES :	PROJECT ALARM CLOCK V2			
	TITLE RGB DIGITS DISPLAY BASE - PCB DIMENSIONS			REV A
	PART # CLKV2-PC-03	DOCUMENT # CLKV2-DWG-05	UNITS INCHES [MM]	SIZE B
	MATERIAL PCB FR4 - 1.6 MM		FINISH STANDARD	
	DATE 11/25/2015	APVD BY :	SCALE 3:1	SHEET 1 OF 1



Benoit Frigon
www.bfrigon.com

NOTES :	PROJECT ALARM CLOCK V2			
	TITLE RGB DOTS BASE - PCB DIMENSIONS			REV A
	PART # CLKV2-PC-04	DOCUMENT # CLKV2-DWG-06	UNITS INCHES [MM]	SIZE B
	MATERIAL PCB FR4 - 1.6 MM		FINISH STANDARD	
	DATE 11/25/2015	APVD BY :	SCALE 3:1	SHEET 1 OF 1