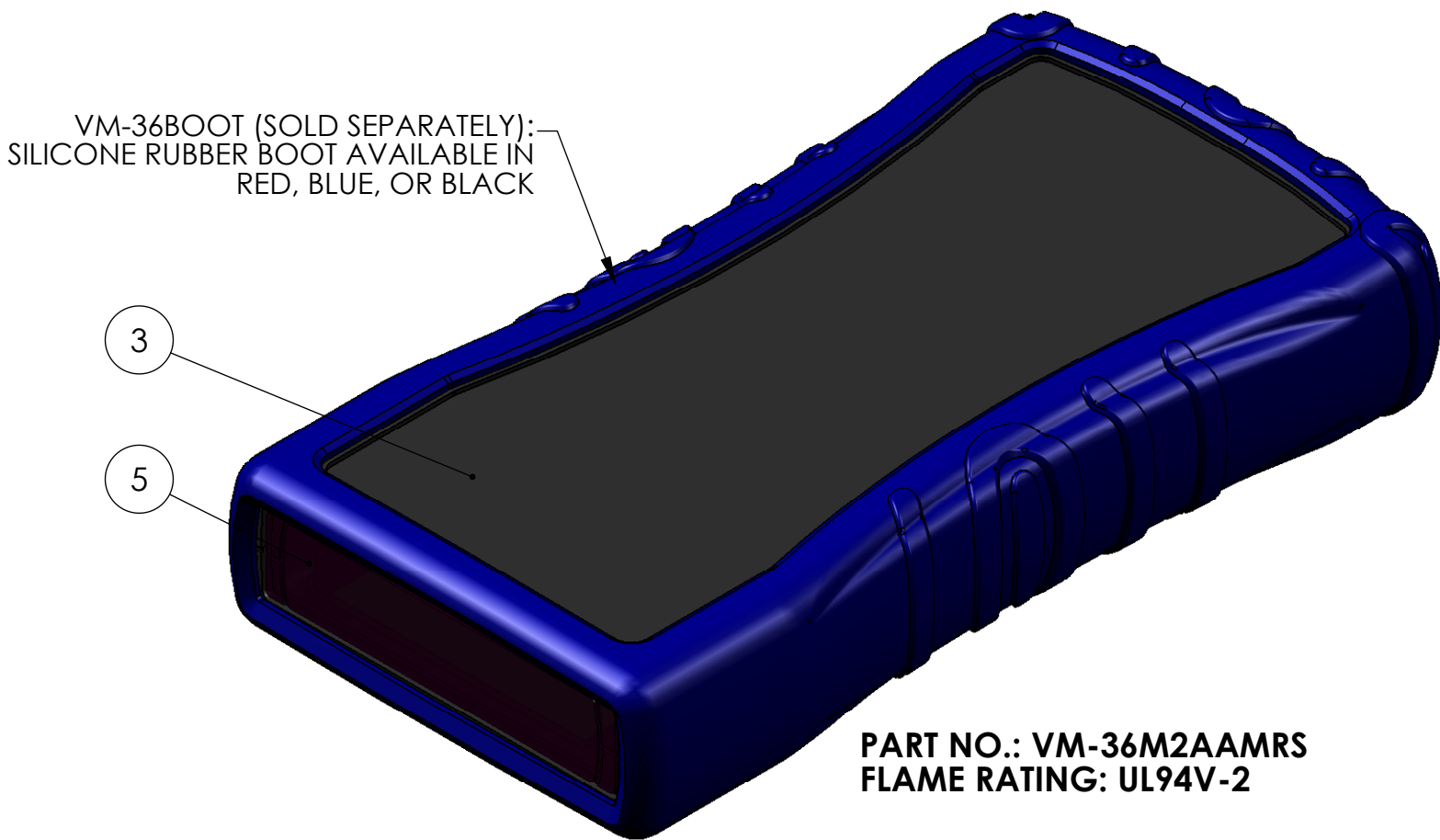
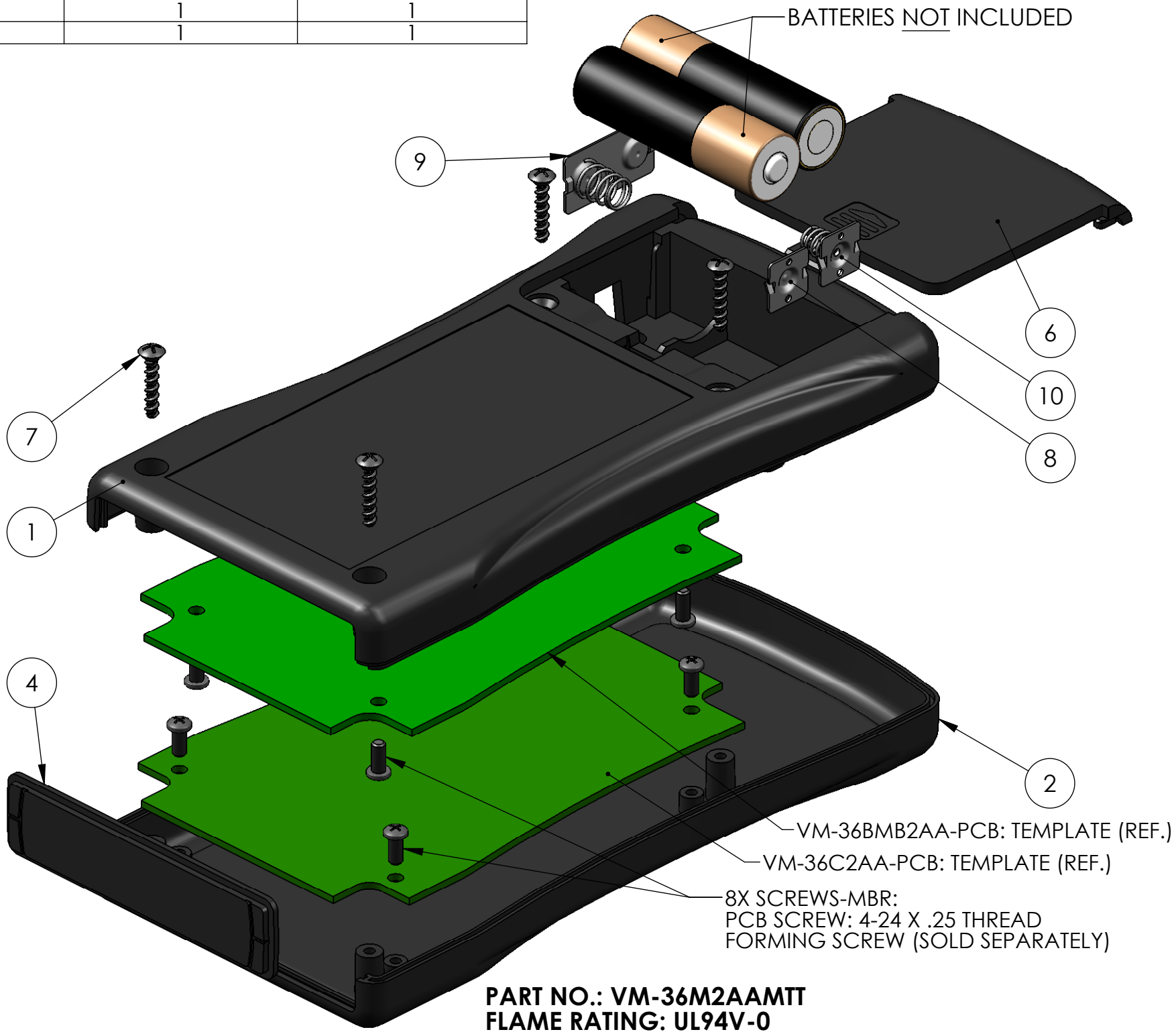
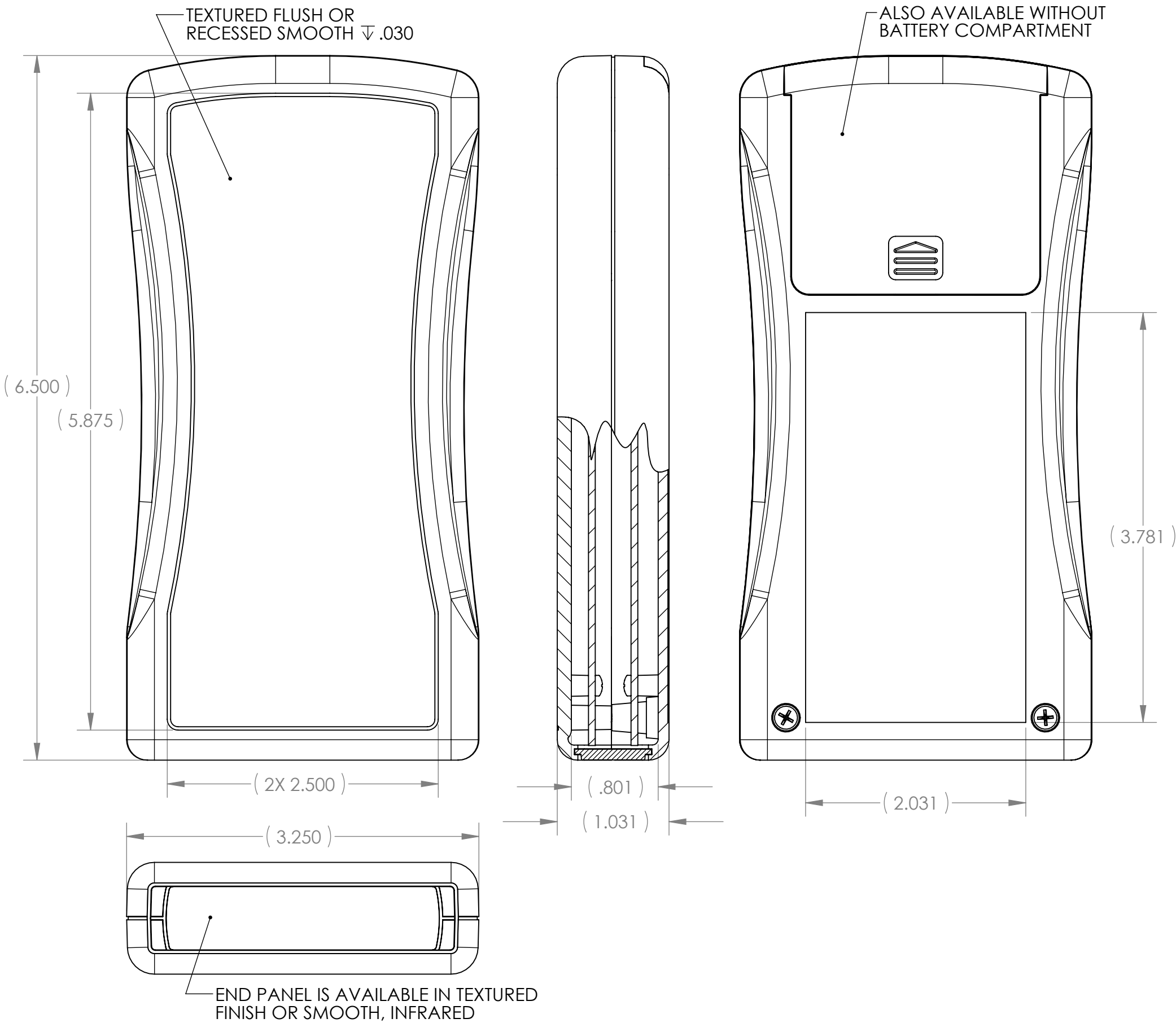


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	VM-36M2AAMTT/QTY.	VM-36M2AAMRT/QTY.	VM-36M2AAMRS/QTY.	VM-36M2AAMTS/QTY.
1	VM-36BMB2AA	BASE: ACCEPTS TWO AA BATTERIES	ABS	1	1	1	1
2	VM-36CMBT	COVER: TEXTURED FLUSH	ABS	1	-	-	1
3	VM-36CMBR	COVER: RECESSED SMOOTH	ABS	-	1	1	-
4	VM-35EPT	END PANEL: TEXTURED FINISH TO MATCH ENCLOSURE	ABS	1	1	-	-
5	VM-35EPS	END PANEL: SMOOTH FINISH FOR INFRARED APPLICATIONS	PC	-	-	1	1
6	VM-D2	BATTERY COMPARTMENT DOOR	ABS	1	1	1	1
7	SCREWS-HL5/8-BR	4-24 X .625 CROSS OVAL C'SUNK HEAD THREAD FORMING SCREW	STEEL	4	4	4	4
8	CNT-AA-SINGLE-M	SINGLE (MALE) AA BATTERY CONTACT	STEEL	1	1	1	1
9	CNT-AA-DUAL-M/F	DUAL MALE / FEMALE AA BATTERY CONTACT	STEEL	1	1	1	1
10	CNT-AA-SINGLE-F	SINGLE (FEMALE) AA BATTERY CONTACT	STEEL	1	1	1	1

VM-36M\*M\*\*\*

Enclosure Options	
OMIT	ENCLOSURE COLOR: BLACK
*03	ENCLOSURE COLOR: BONE
T	END PANEL: TEXTURED TO MATCH ENCLOSURE (UL94V-0)
S	END PANEL: SMOOTH, INFRARED (UL94V-2)
T	COVER: TEXTURED FLUSH
R	COVER: RECESSED SMOOTH
2AA	BASE: ACCEPTS TWO AA BATTERIES
19V	BASE: ACCEPTS ONE 9V BATTERY
OMIT	BASE: WITHOUT BATTERY COMPARTMENT



**NOTES:**

- BATTERIES NOT INCLUDED
- MOUNTING BOSSES ACCEPT 4-24 X .250 THREAD FORMING SCREWS FOR A .063 TH'K PC BOARD. SCREWS AVAILABLE FROM POLYCASE.

REV.	INITIAL RELEASE	DESCRIPTION	ZONE	D.M.F.	BY	APPR'D	DATE
-	-	-	-	-	-	-	1/29/2009
REVISIONS							

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN: INCHES[mm]  
TOLERANCES: ANGULAR:  $\pm 2^\circ$   
TWO PLACE DECIMAL:  $\pm .030$   
THREE PLACE DECIMAL:  $\pm .015$   
PRINTED GRAPHICS:  $\pm .010$

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CAD FILE: VM-36 ASS'Y

PART NO.  
VM-36 ASSEMBLY  
PRODUCT

CLIENT

DRAWN  
CHECKED

NAME  
D.M.F.

DATE  
9/8/08

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1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A.  
PH# 1-800-248-1233, 440-934-0444 FAX# 440-934-0086

SIZE  
C

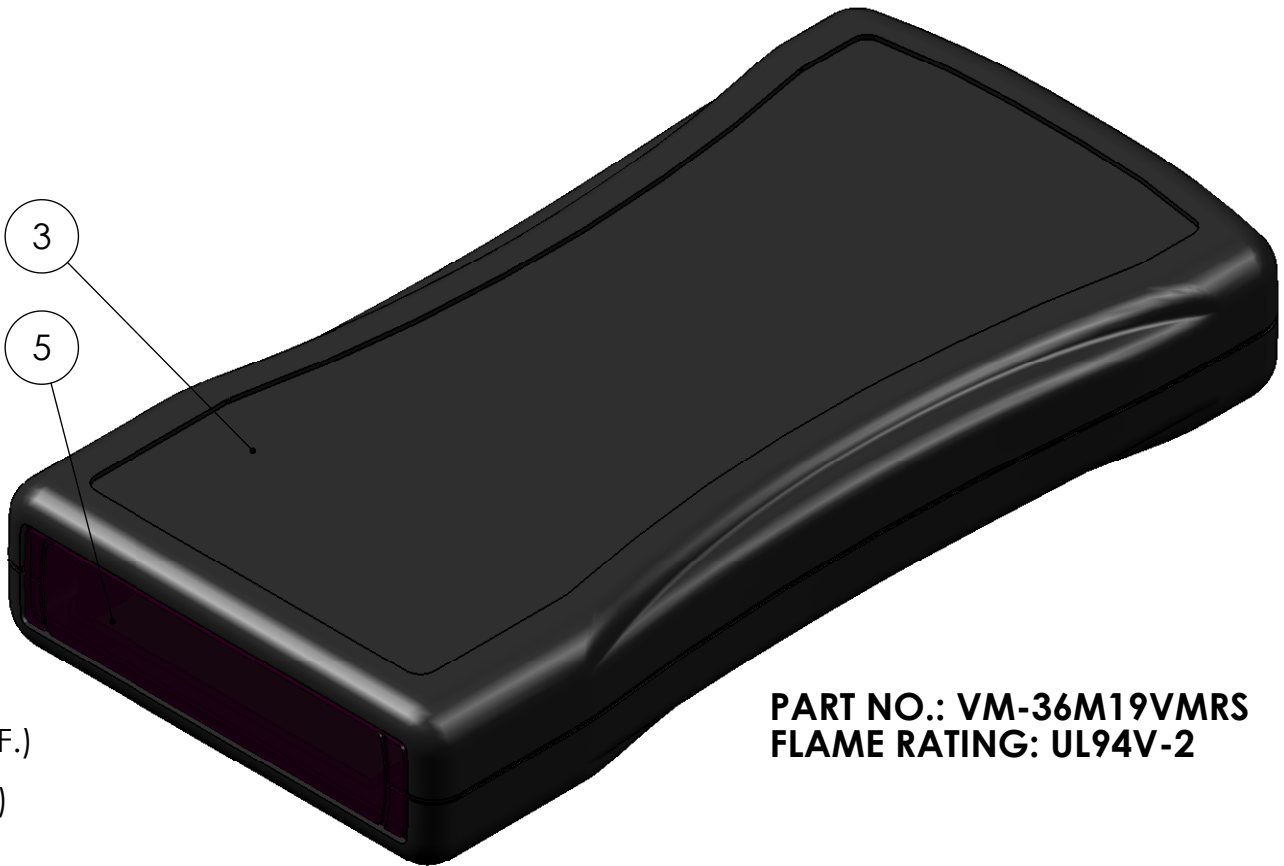
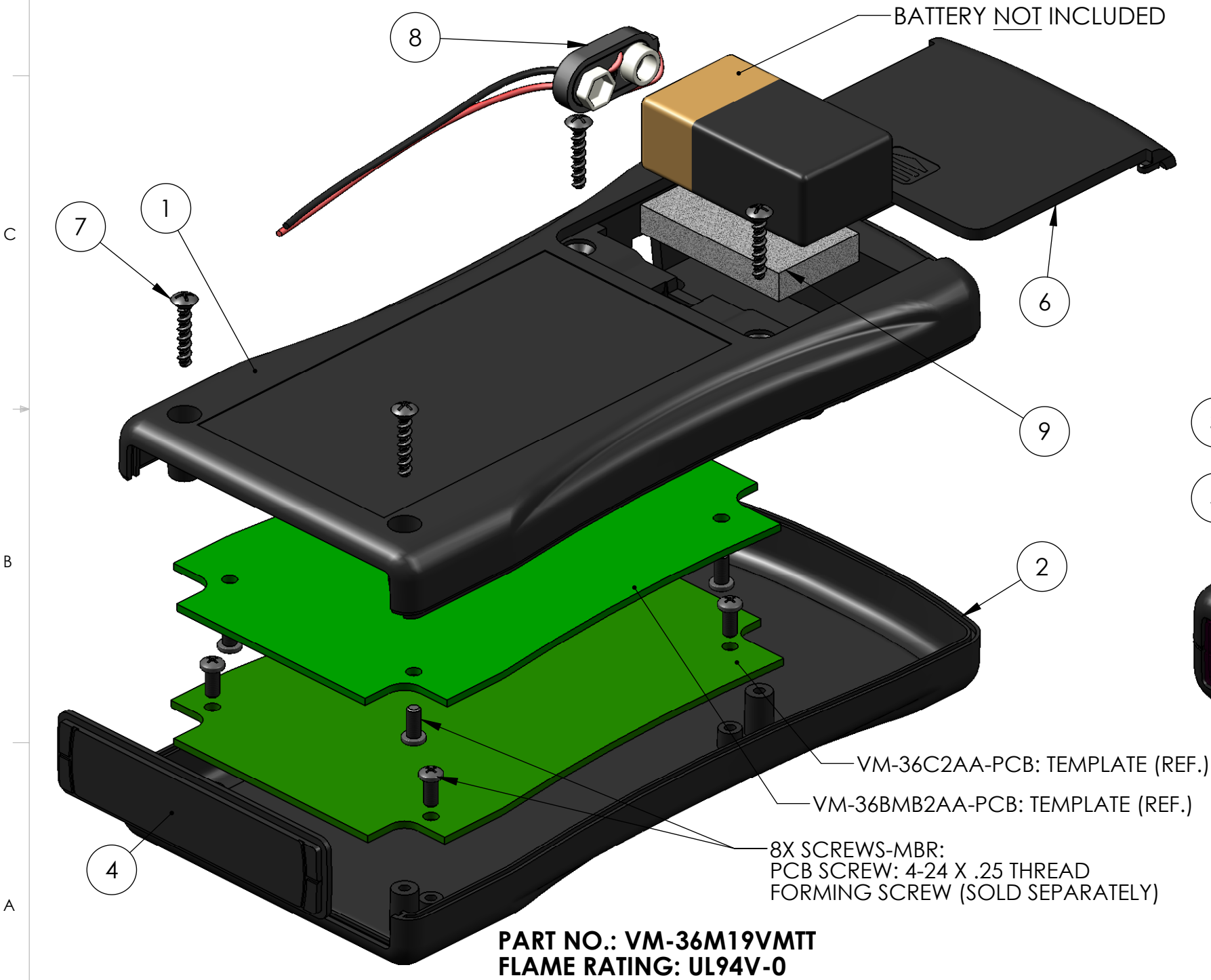
SCALE: 1:1




TITLE:  
Product Assembly  
Drawing

REV  
-

SHEET 1 OF 3

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	VM-36M19VMTT/QTY.	VM-36M19VMRT/QTY.	VM-36M19VMRS/QTY.	VM-36M19VMTS/QTY.
1	VM-36BMB19V	BASE: ACCEPTS ONE 9V BATTERY	ABS	1	1	1	1
2	VM-36CMBT	COVER: TEXTURED FLUSH	ABS	1	-	-	1
3	VM-36CMBR	COVER: RECESSED SMOOTH	ABS	-	1	1	-
4	VM-35EPT	END PANEL: TEXTURED FINISH TO MATCH ENCLOSURE	ABS	1	1	-	-
5	VM-35EPS	END PANEL: SMOOTH FINISH FOR INFRARED APPLICATIONS	PC	-	-	1	1
6	VM-D2	BATTERY COMPARTMENT DOOR	ABS	1	1	1	1
7	SCREWS-HL5/8-BR	4-24 X .625 CROSS OVAL C'SUNK HEAD THREAD FORMING SCREW	STEEL	4	4	4	4
8	CNT-9V	9 VOLT BATT'Y STRAP, 6 INCH LEAD		1	1	1	1
9	FOAM-1*01	1.5 X .875 X .25 GRAY POLYESTER FOAM WITH ADHESIVE ON ONE SIDE		1	1	1	1

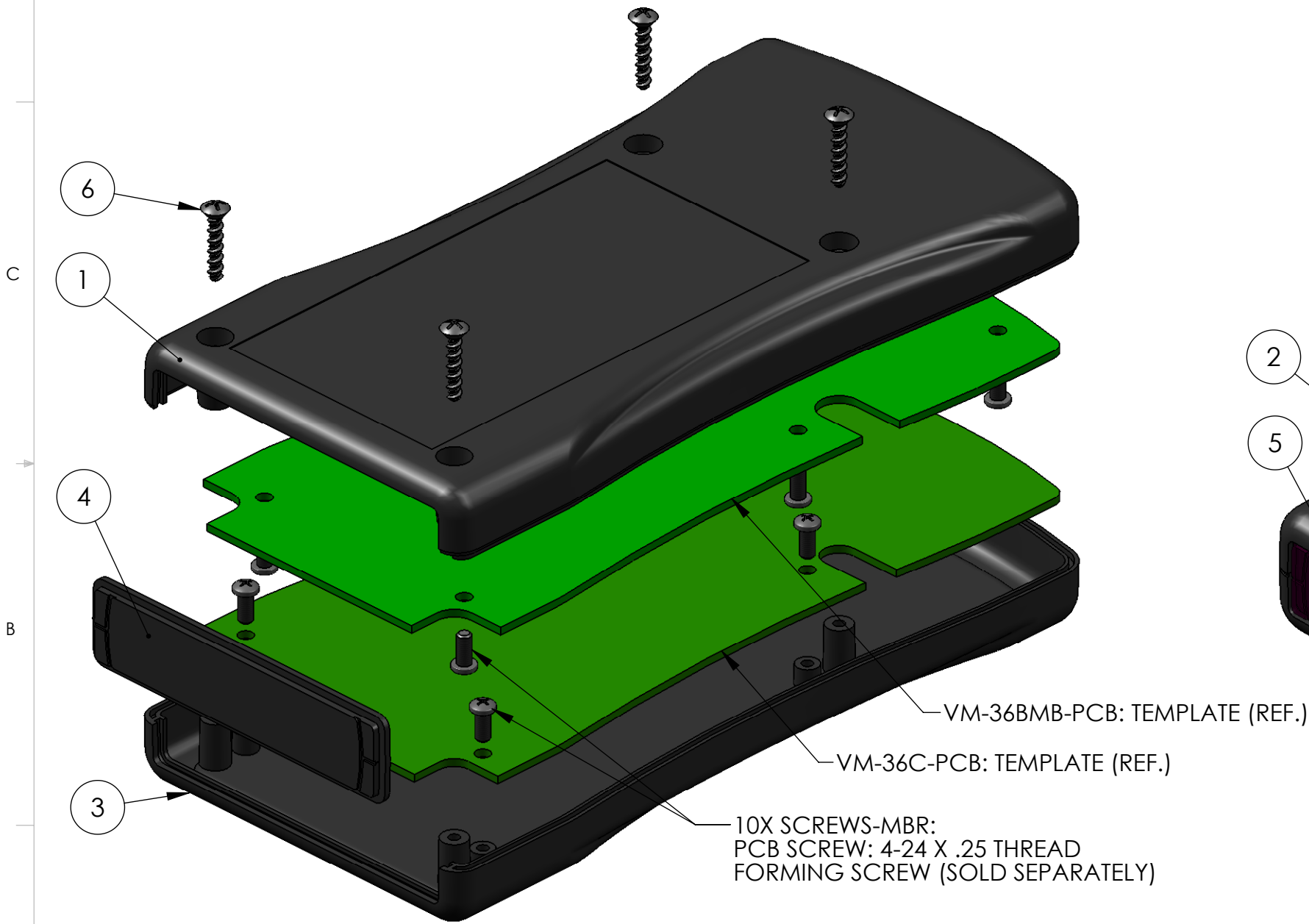


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES[mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.030 THREE PLACE DECIMAL: ±.015 PRINTED GRAPHICS: ±.010	PART NO. VM-36 ASSEMBLY				 <b>YOUR PERFECT FIT</b> 1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088			
	PRODUCT -				TITLE: Product Assembly Drawing			
	CLIENT -				REV -			
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF POLYCASE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF POLYCASE IS PROHIBITED. CAD FILE: VM-36 ASSY	DRAWN CHECKED		NAME D.M.F. -	DATE 9/8/08 -	SCALE: 1:1			SHEET 2 OF 3

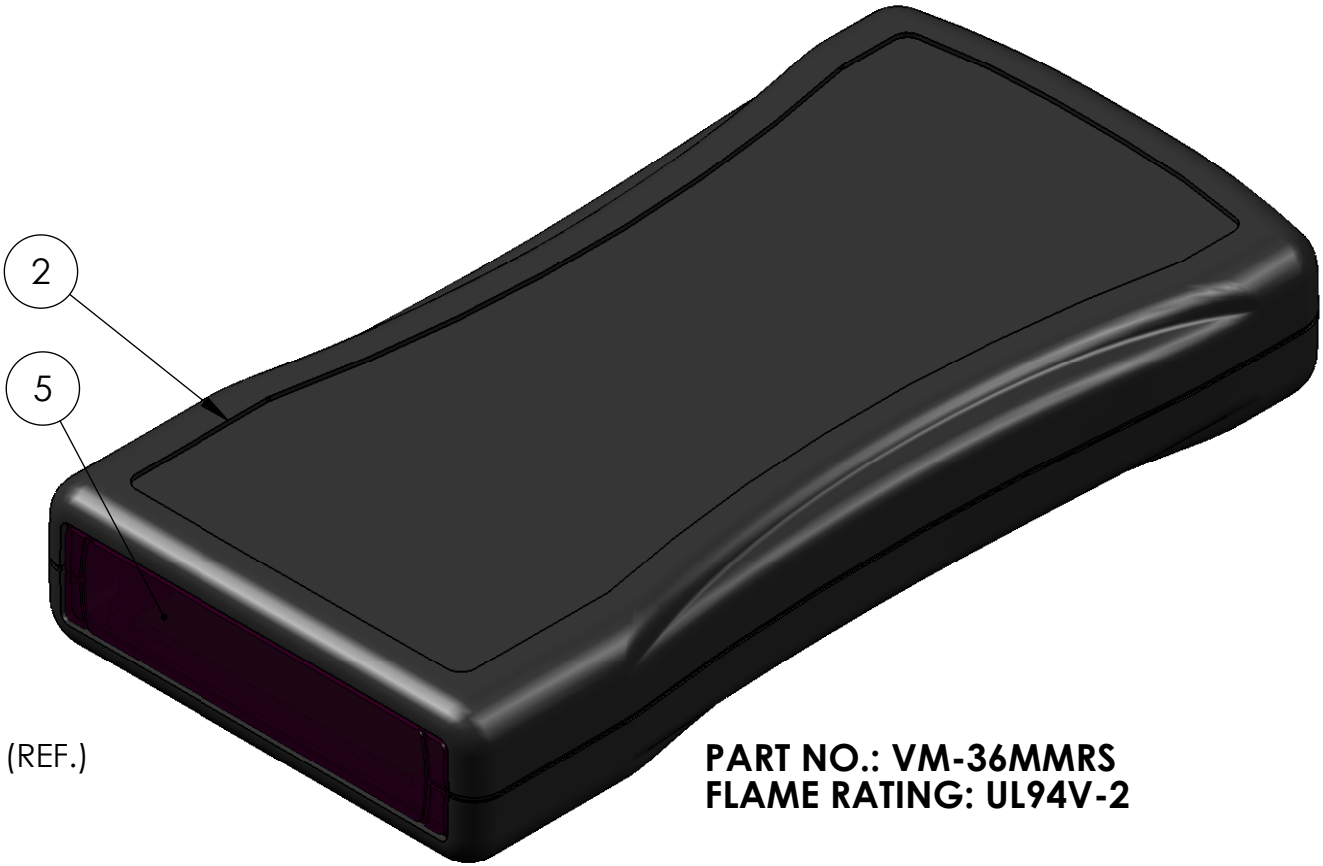
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	VM-36MMTT/QTY.	VM-36MMRT/QTY.	VM-36MMTS/QTY.	VM-36MMRS/QTY.
1	VM-36BMB	BASE: WITHOUT BATTERY COMPARTMENT	ABS	1	1	1	1
2	VM-36CMBR	COVER: RECESSED SMOOTH	ABS	-	1	-	1
3	VM-36CMBT	COVER: TEXTURED FLUSH	ABS	1	-	1	-
4	VM-35EPT	END PANEL: TEXTURED FINISH TO MATCH ENCLOSURE	ABS	1	1	-	-
5	VM-35EPS	END PANEL: SMOOTH FINISH FOR INFRARED APPLICATIONS	PC	-	-	1	1
6	SCREWS-HL5/8-BR	4-24 X .625 CROSS OVAL C'SUNK HEAD THREAD FORMING SCREW	STEEL	4	4	4	4

D

D



**PART NO.: VM-36MMTT**  
**FLAME RATING: UL94V-0**



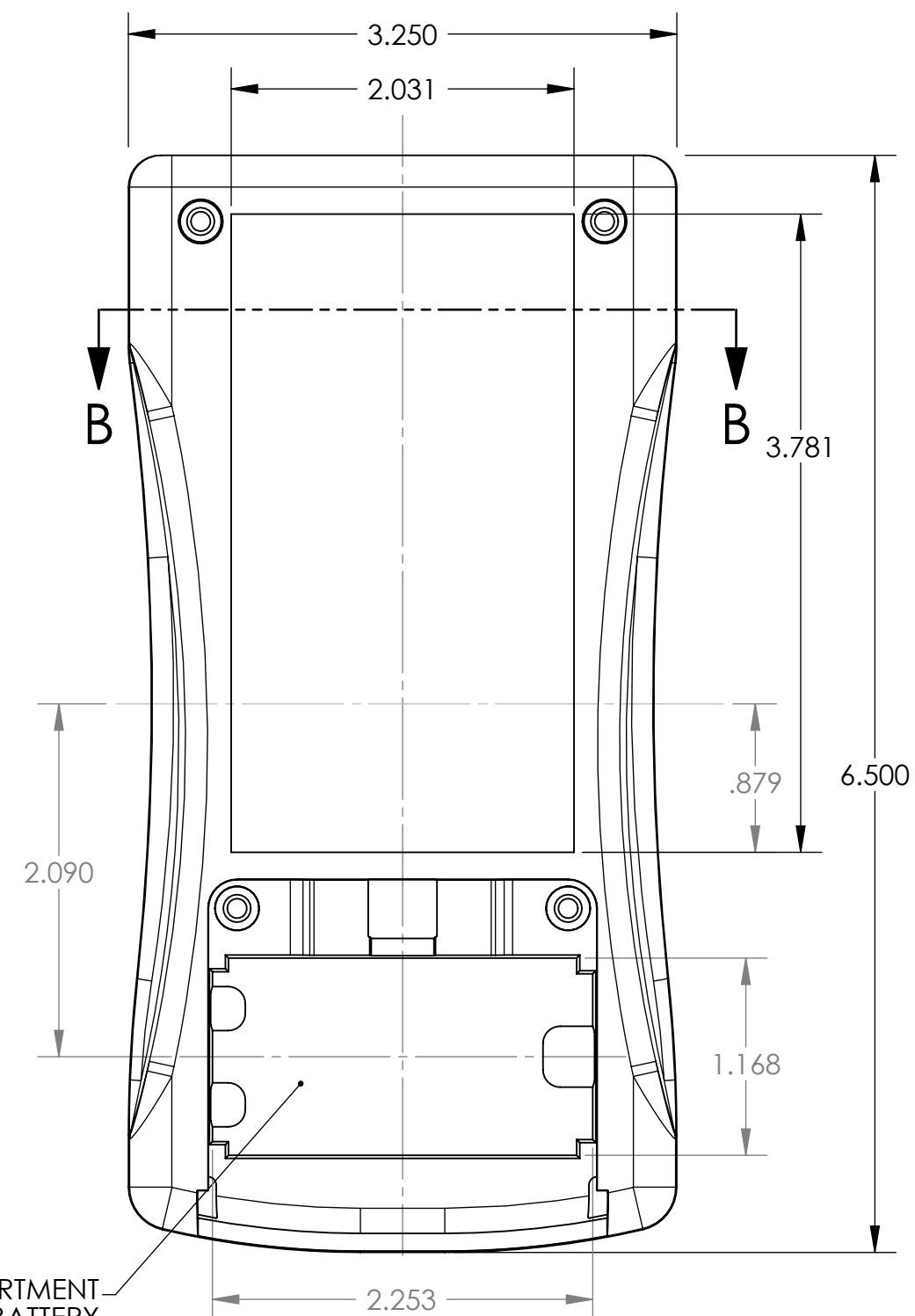
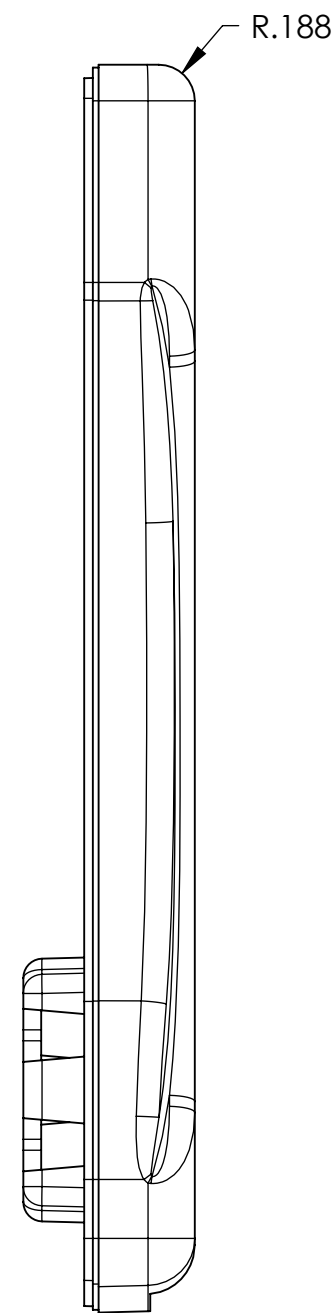
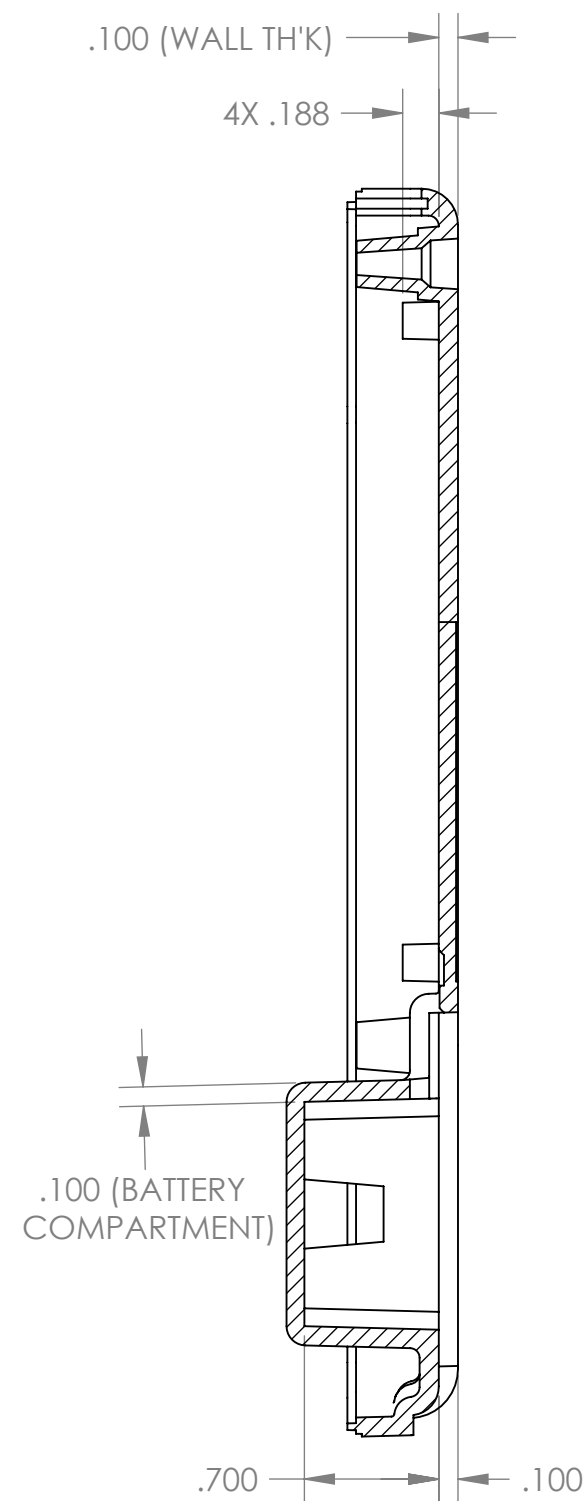
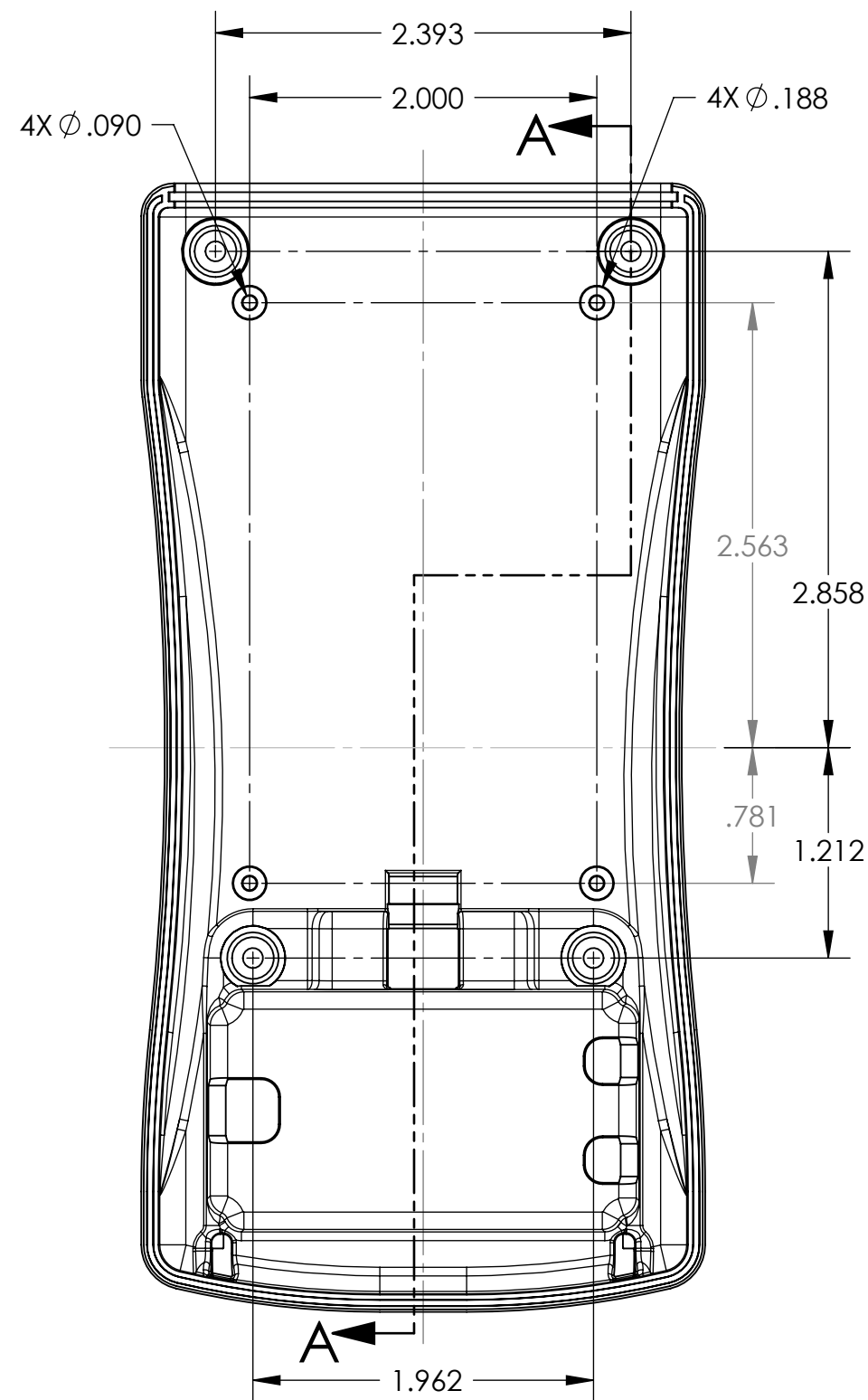
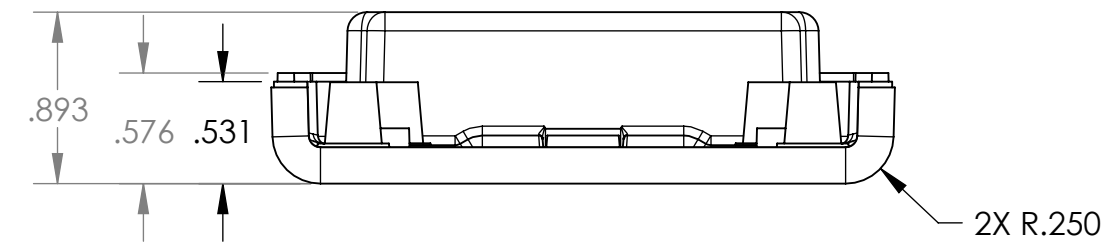
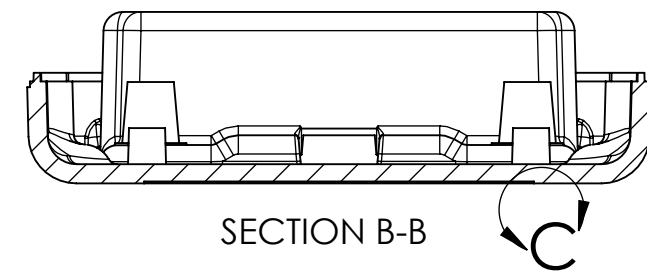
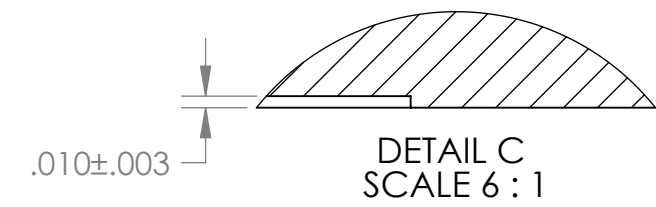
**PART NO.: VM-36MMRS**  
**FLAME RATING: UL94V-2**

A

A

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	PRODUCT -			SIZE B	TITLE: Product Assembly Drawing
CLIENT -			NAME D.M.F.	DATE 9/8/08	REV -
DRAWN CHECKED			SCALE: 1:1		SHEET 3 OF 3





BATTERY COMPARTMENT  
ACCEPTS ONE 9V BATTERY  
(NOT INCLUDED)


- NOTE:
1. MTG. BOSSES TO ACCEPT A #4-24 X 1/4 THREAD FORMING SCREW USED WITH A 1/16 THICK PCB. (SCREWS ARE AVAILABLE FROM POLYCASE.)
  2. INCLUDES PREMIUM MOLDED ABS, 9V BATTERY STRAP W/6 INCH #26 AWG WIRE LEADS.

-	INITIAL RELEASE	-	D.M.F.	2/4/2009
REV.	DESCRIPTION	ZONE	BY	APPR'D
REVISIONS				

UNLESS OTHERWISE SPECIFIED:  
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TOLERANCES: ANGULAR: ±2°  
TWO PLACE DECIMAL: ±.030  
THREE PLACE DECIMAL: ±.015  
PRINTED GRAPHICS: ±.010

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CAD FILE: VM-36BMB19V

PART NO.  
VM-36BMB19V  
PRODUCT  
-  
CLIENT  
-  
NAME  
D.M.F.  
DATE  
2/6/09  
12/31/2999



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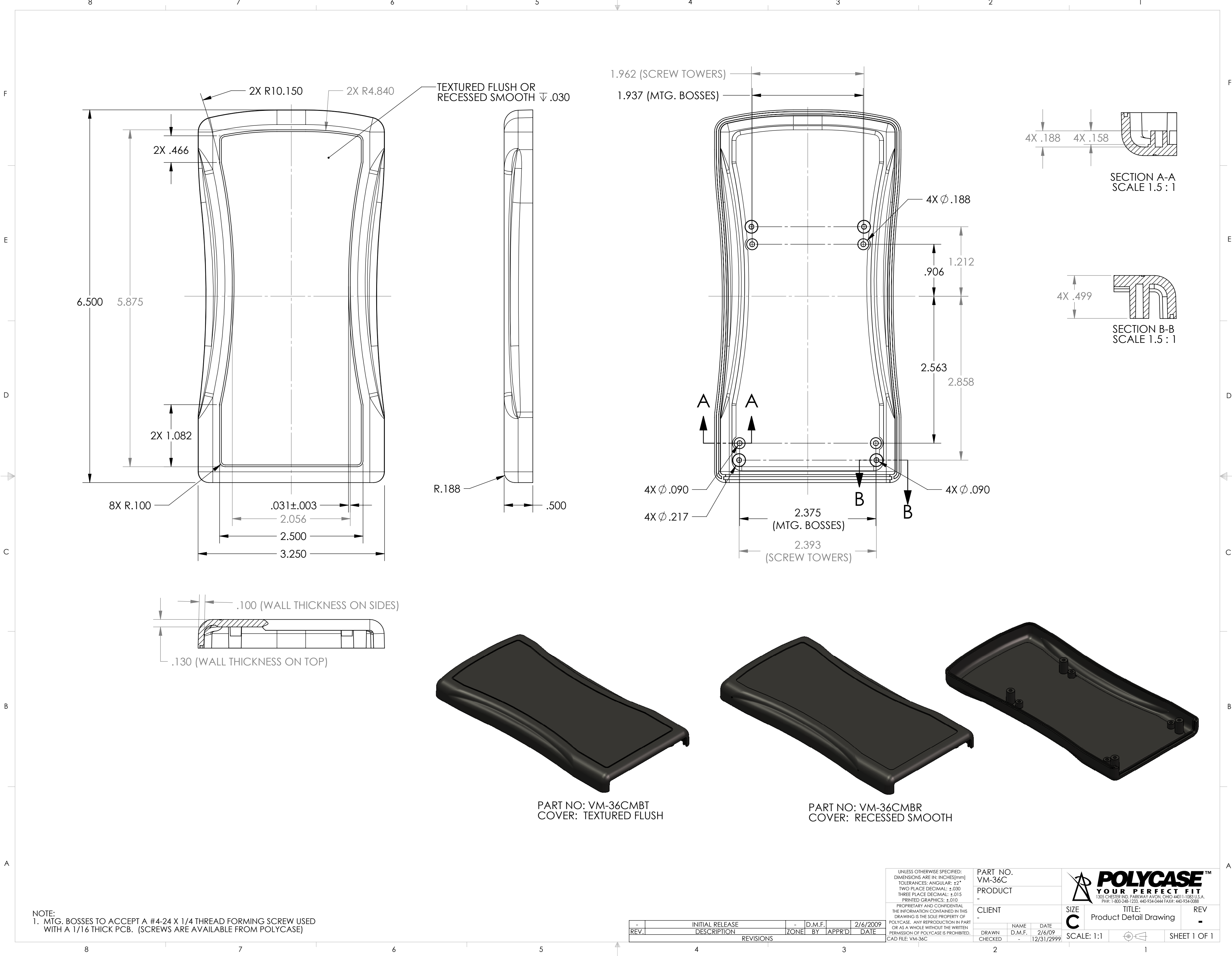
SCALE: 1:1

Product Detail Drawing

SCALE: 1:1

REV -

SHEET 1 OF 1




NOTE:  
1. MTG. BOSSES TO ACCEPT A #4-24 X 1/4 THREAD FORMING SCREW USED WITH A 1/16 THICK PCB. (SCREWS ARE AVAILABLE FROM POLYCASE)

REV.	DESCRIPTION	ZONE	D.M.F.	BY	APPR'D	DATE
-	INITIAL RELEASE	-	D.M.F.			2/6/2009
REVISIONS						

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DIMENSIONS ARE IN: INCHES[mm]  
TOLERANCES: ANGULAR: ±2°  
TWO PLACE DECIMAL: ±.030  
THREE PLACE DECIMAL: ±.015  
PRINTED GRAPHICS: ±.010

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CAD FILE: VM-36C

PART NO. VM-36C		
PRODUCT		
-		
CLIENT		
-		
DRAWN	NAME	DATE
CHECKED	D.M.F.	2/6/09
	-	12/31/2999



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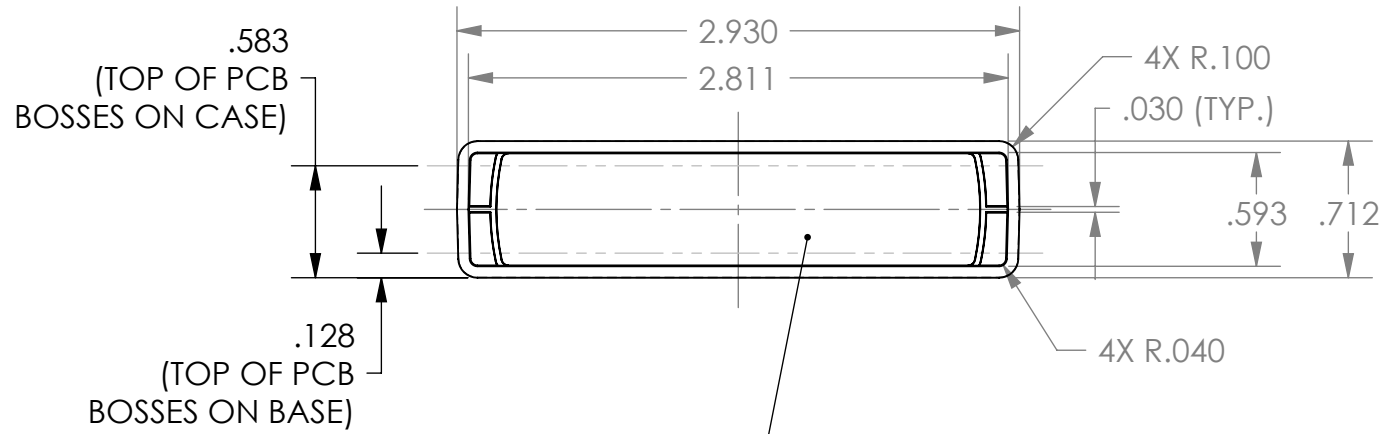
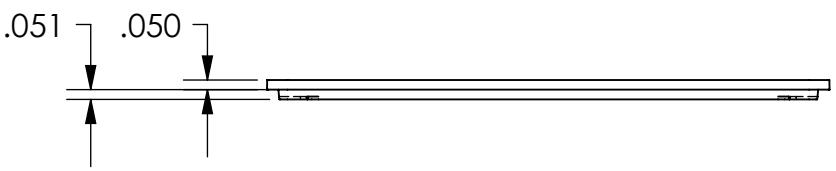
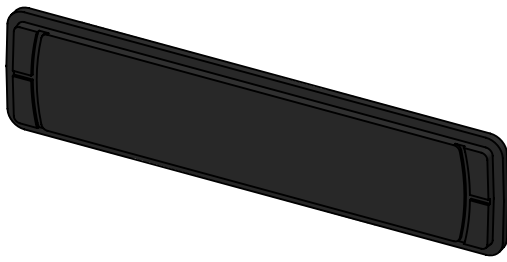
SIZE  
**C**

TITLE:  
Product Detail Drawing

SCALE: 1:1


REVISIONS  
1

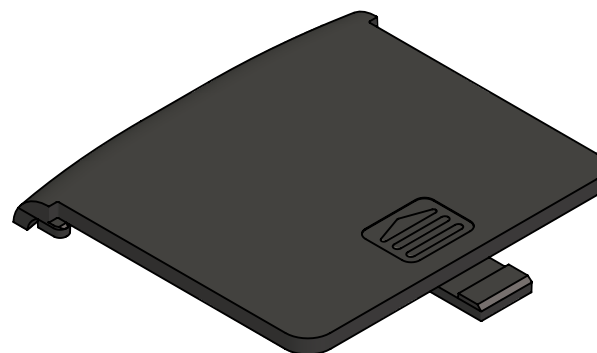
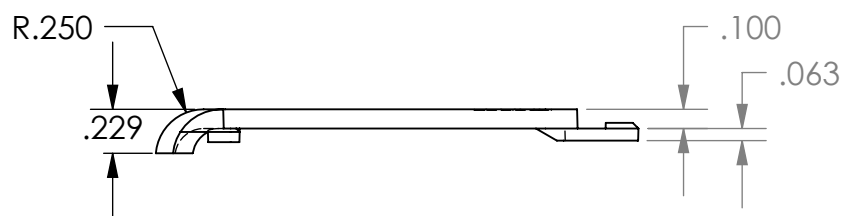
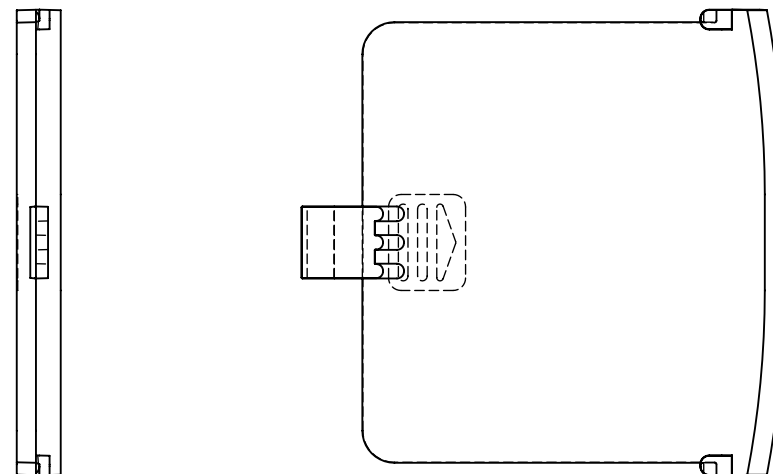
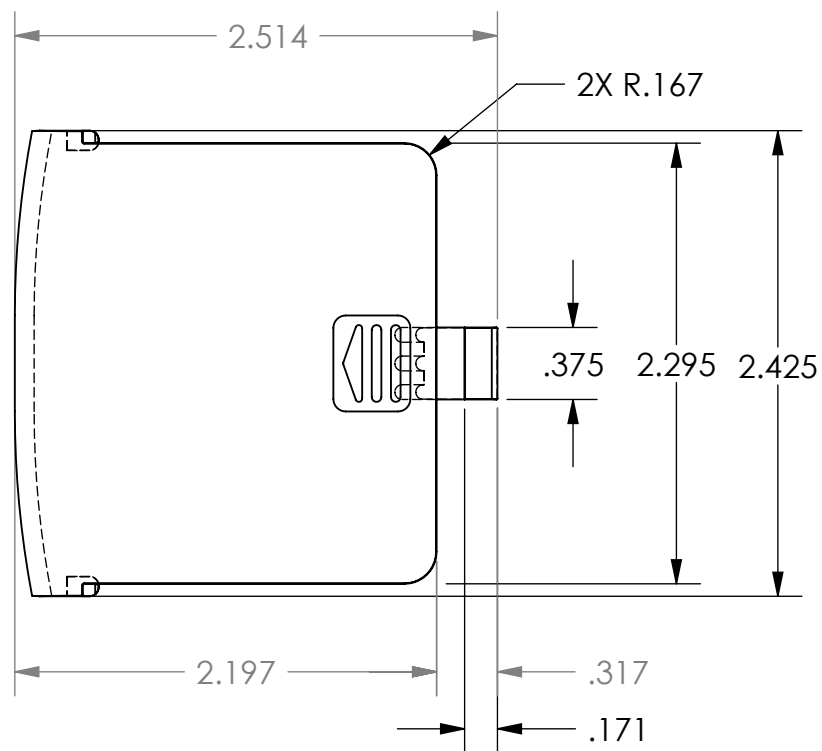
SHEET 1 OF 1



STANDARD END PANEL MATCHES ENCLOSURE COLOR AND IS TEXTURED.  
ALSO AVAILABLE IN SMOOTH, INFRARED PERMISSIVE MATERIAL.

SHEET 1 OF 1

 <b>POLYCASE</b> YOUR PERFECT FIT	DRWN BY D.F.	APP. BY B.B.	SCALE: 1:1	DATE: 5/11/07
	JOB NO: -	PRODUCT: VM-35EP		
	CUSTOMER: -			SIZE: A
	TITLE: PRODUCT DETAIL DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED: <b>X.XX ±.030</b> <b>X.XXX ±.015</b>	1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088 THIS DRAWING AND THE INFORMATION CONTAINED ARE THE PROPERTY OF POLYCASE AND ARE NOT TO BE REPRODUCED, COPIED OR USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF POLYCASE			



SHEET 1 OF 1

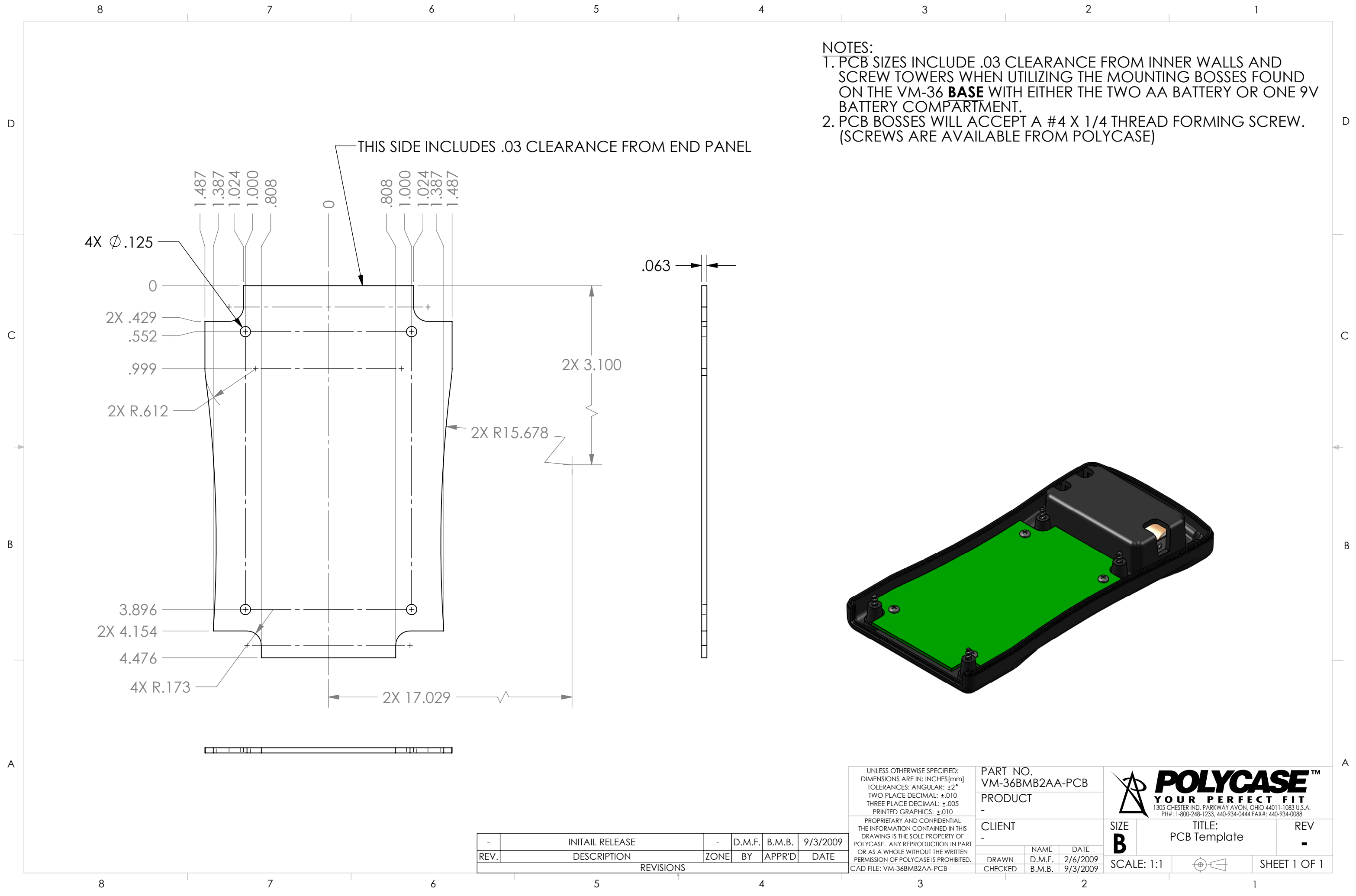
 <b>POLYCASE</b> YOUR PERFECT FIT	DRWN BY D.F.	APP. BY B.B.	SCALE: 1:1	DATE: 5/11/07
	JOB NO: -		PRODUCT: VM-D2	
	CUSTOMER: -			SIZE: A
	TITLE: PRODUCT DETAIL DRAWING			

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

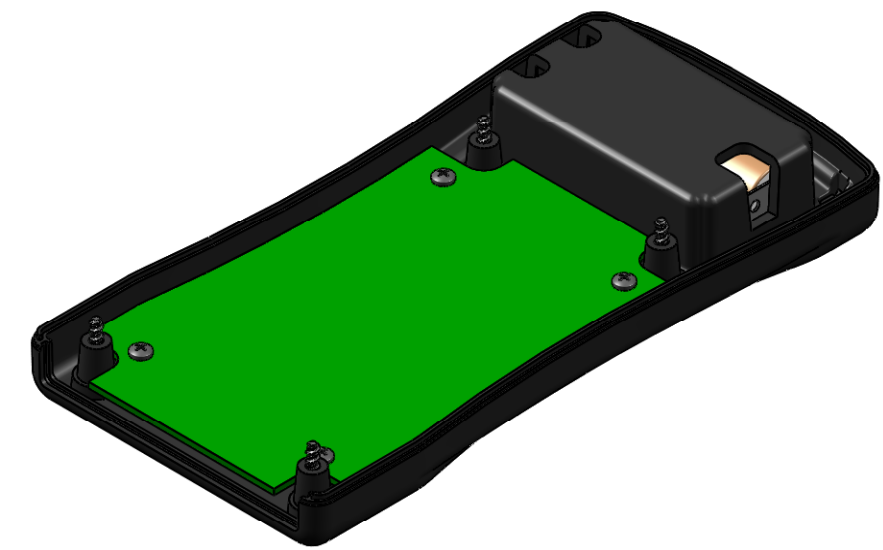
X.XX ±.030  
X.XXX ±.015

1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A.  
PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088



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WAY DETRIMENTAL TO THE INTEREST OF POLYCASE



- NOTES:
- 1. PCB SIZES INCLUDE .03 CLEARANCE FROM INNER WALLS AND SCREW TOWERS WHEN UTILIZING THE MOUNTING BOSSES FOUND ON THE VM-36 **BASE** WITH EITHER THE TWO AA BATTERY OR ONE 9V BATTERY COMPARTMENT.
  - 2. PCB BOSSES WILL ACCEPT A #4 X 1/4 THREAD FORMING SCREW. (SCREWS ARE AVAILABLE FROM POLYCASE)



-	INITAIL RELEASE	-	D.M.F.	B.M.B.	9/3/2009
REV.	DESCRIPTION	ZONE	BY	APPR'D	DATE
REVISIONS					

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.010 THREE PLACE DECIMAL: ±.005 PRINTED GRAPHICS: ±.010  PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF POLYCASE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF POLYCASE IS PROHIBITED. CAD FILE: VM-36BMB2AA-PCB	PART NO. VM-36BMB2AA-PCB			 <b>POLYCASE™</b> YOUR PERFECT FIT 1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088	
	PRODUCT -				
CLIENT -			SIZE <b>B</b>		TITLE: PCB Template
DRAWN CHECKED			NAME B.M.B.	DATE 2/6/2009 9/3/2009	REV -
SCALE: 1:1					SHEET 1 OF 1



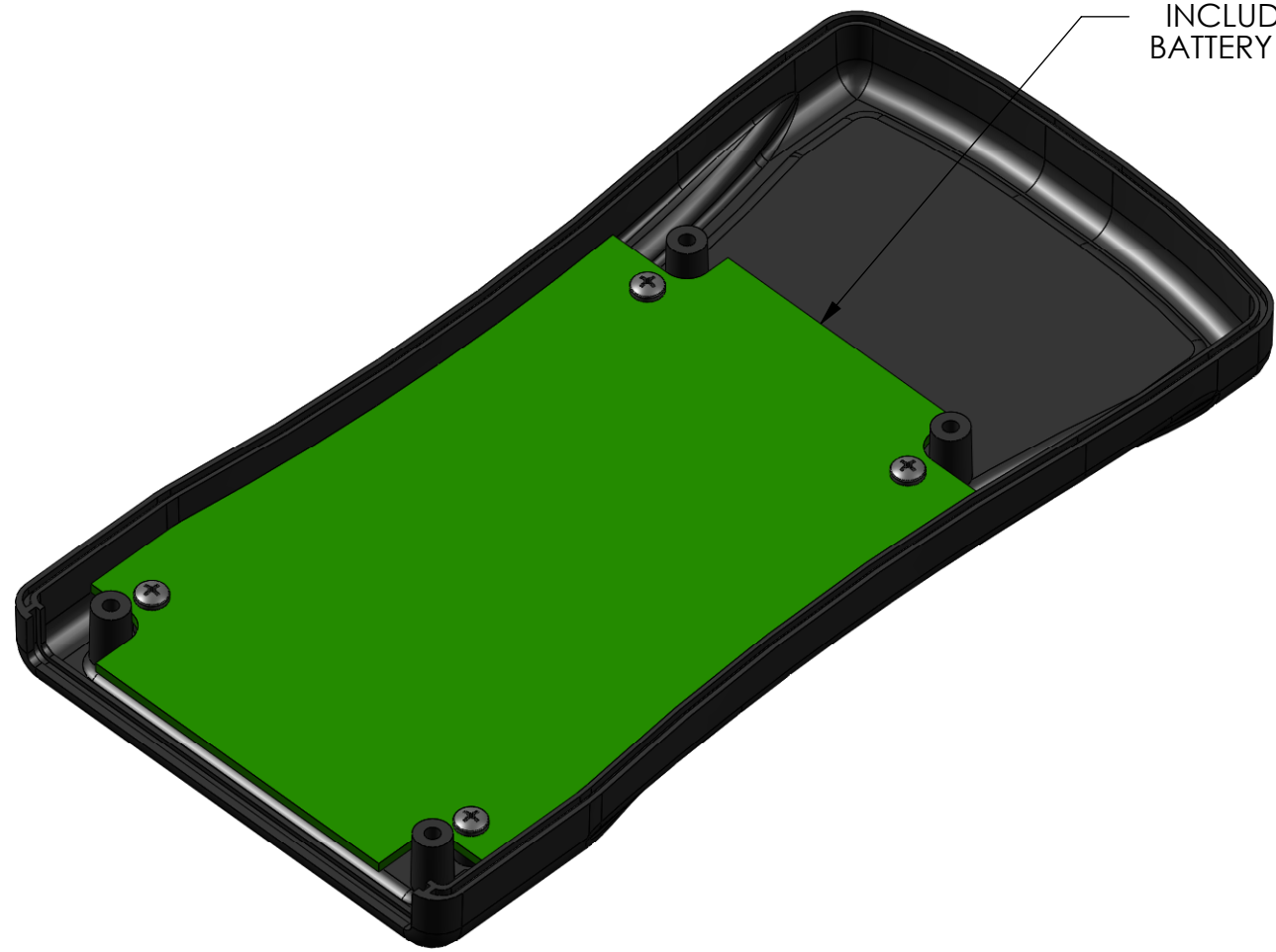
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D

C

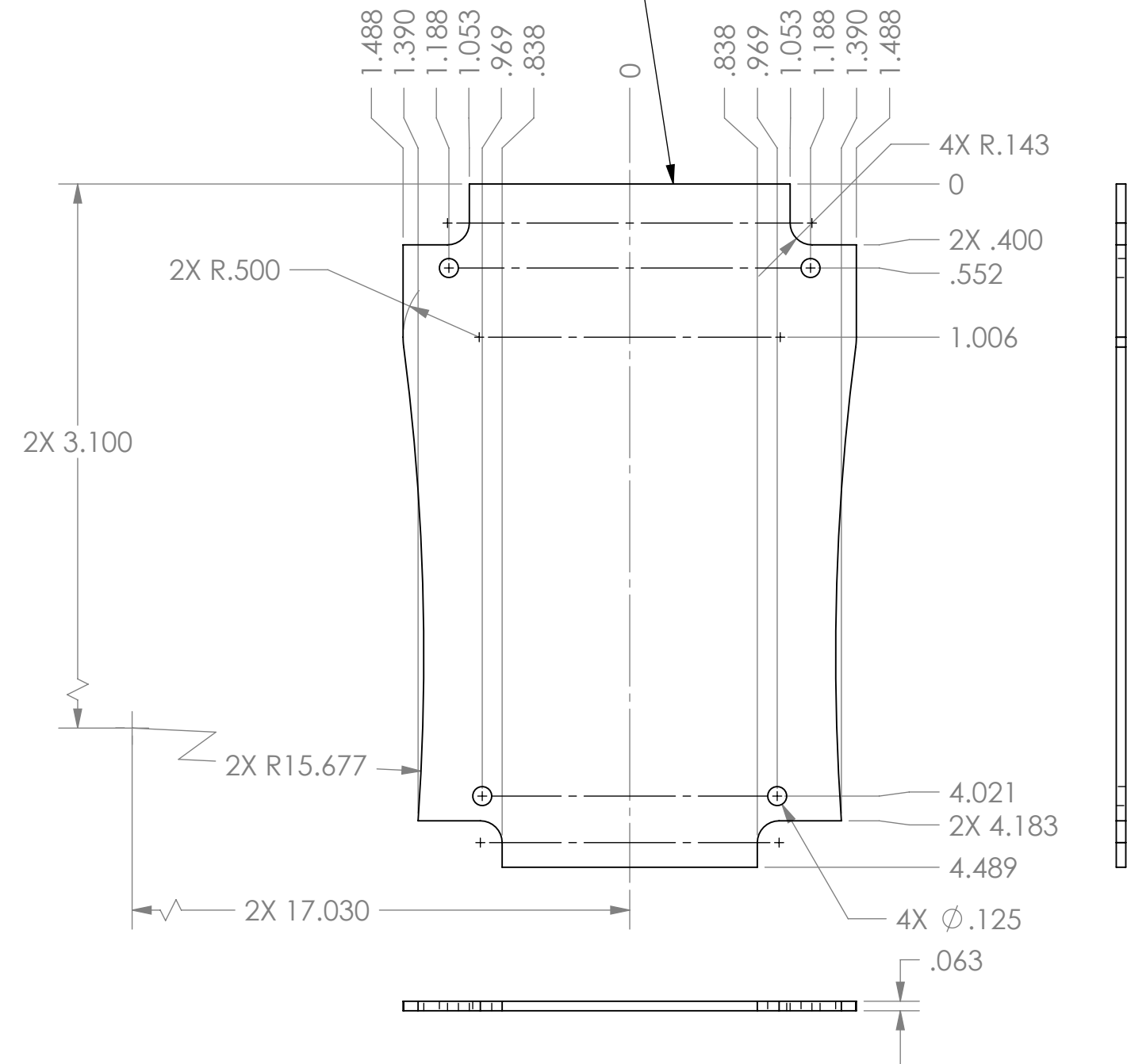
B

A



INCLUDES .03 CLEARANCE FROM BATTERY COMPARTMENT ON BASE

THIS SIDE HAS .03 CLEARANCE FROM END PANEL



NOTES:


1. PCB SIZES INCLUDE .03 CLEARANCE FROM INNER WALLS AND SCREW TOWERS WHEN UTILIZING THE MOUNTING BOSSES FOUND ON THE VM-36 **COVER** AND INCLUDES .03 CLEARANCE FROM EITHER THE TWO AA OR ONE 9V BATTERY COMPARTMENT ON THE VM-36 BASE.
2. PCB BOSSES WILL ACCEPT A #4 X 1/4 THREAD FORMING SCREW. (SCREWS ARE AVAILABLE FROM POLYCASE)

-	-	INITIAL RELEASE	D.M.F.	B.M.B.	9/3/2009
REV.	ZONE	DESCRIPTION	BY	APPR'D	DATE
REVISIONS					


UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN: INCHES [mm]  
TOLERANCES: ANGULAR: ±2°  
TWO PLACE DECIMAL: ±.010  
THREE PLACE DECIMAL: ±.005  
PRINTED GRAPHICS: ±.010

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CAD FILE: VM-36C2AA-PCB

PART NO. VM-36C2AA-PCB		
PRODUCT -		
CLIENT -		
DRAWN	NAME	DATE
CHECKED	B.M.B.	9/3/2009



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PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088

SIZE <b>B</b>	TITLE: PCB Template	REV -
SCALE: 1:1		SHEET 1 OF 1

8 7 6 5 4 3 2 1

## Infra-red readings for 0.100" thick panel

