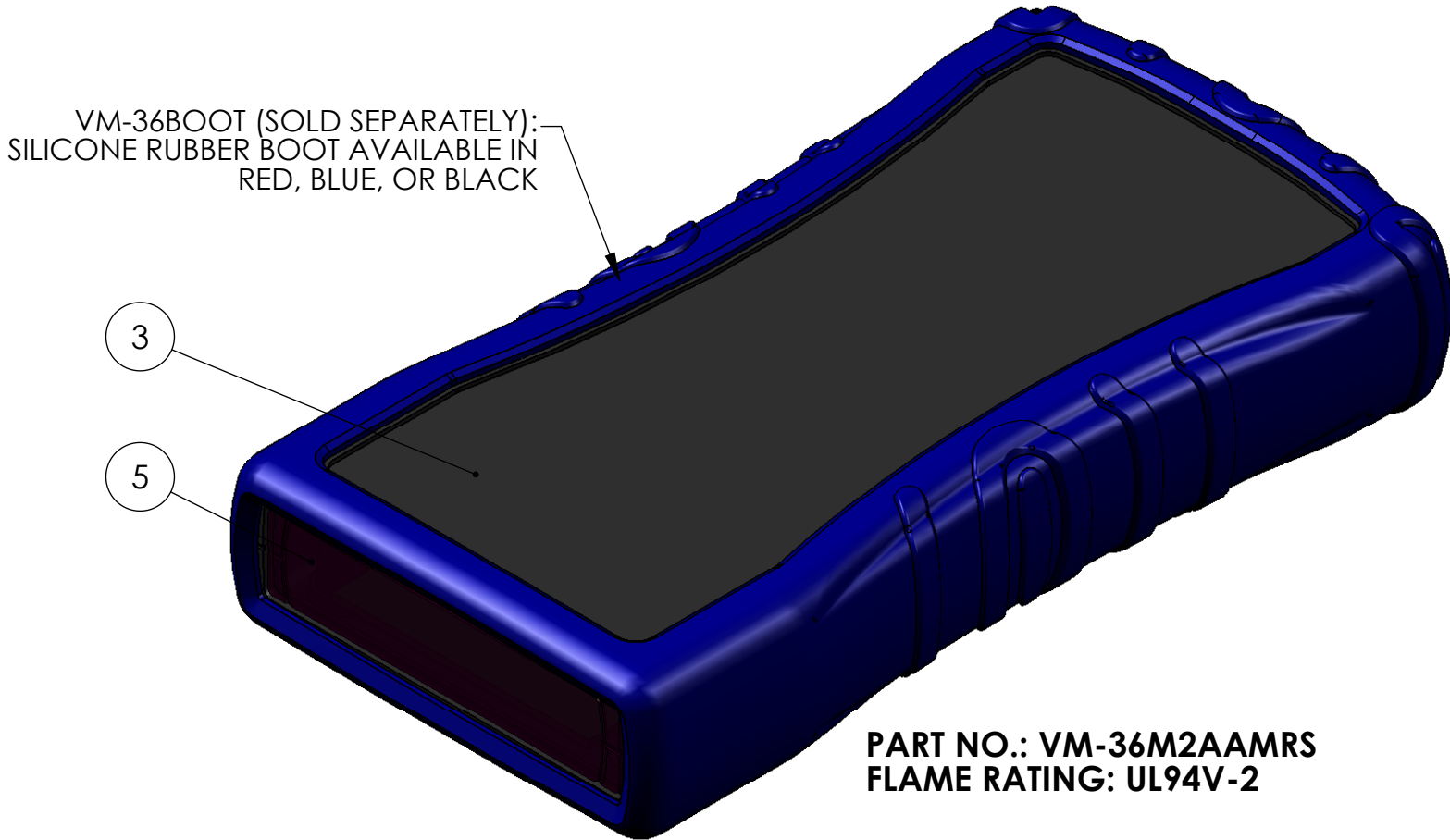
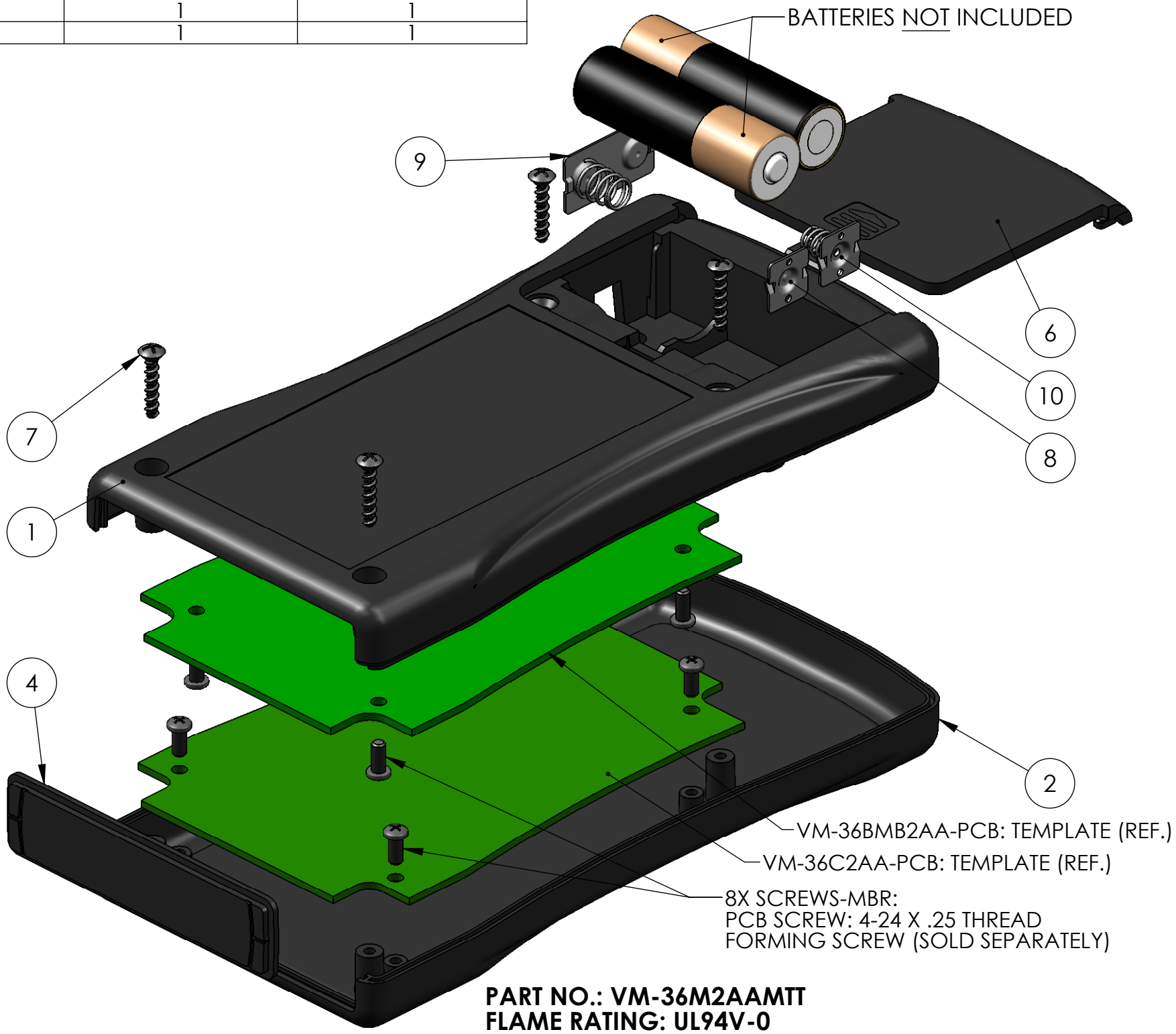
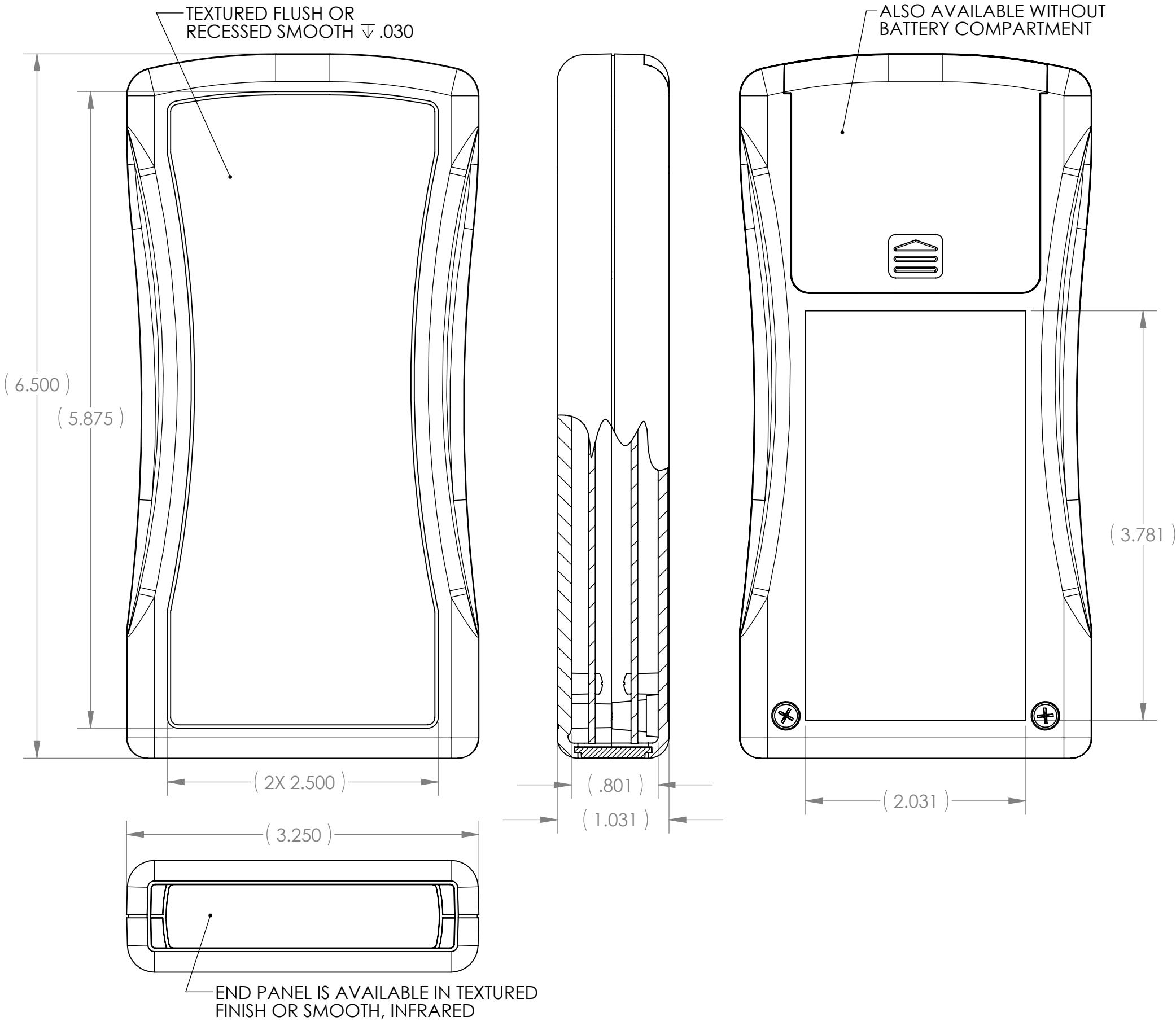


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	VM-36M2AAMTT/QTY.	VM-36M2AAMRT/QTY.	VM-36M2AAMRS/QTY.	VM-36M2AAMTS/QTY.
1	VM-36BMB2AA	BASE: ACCEPTS TWO AA BATTERIES	ABS	1	1	1	1
2	VM-36CMBT	COVER: TEXTURED FLUSH	ABS	1	-	-	1
3	VM-36CMBR	COVER: RECESSED SMOOTH	ABS	-	1	1	-
4	VM-35EPT	END PANEL: TEXTURED FINISH 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

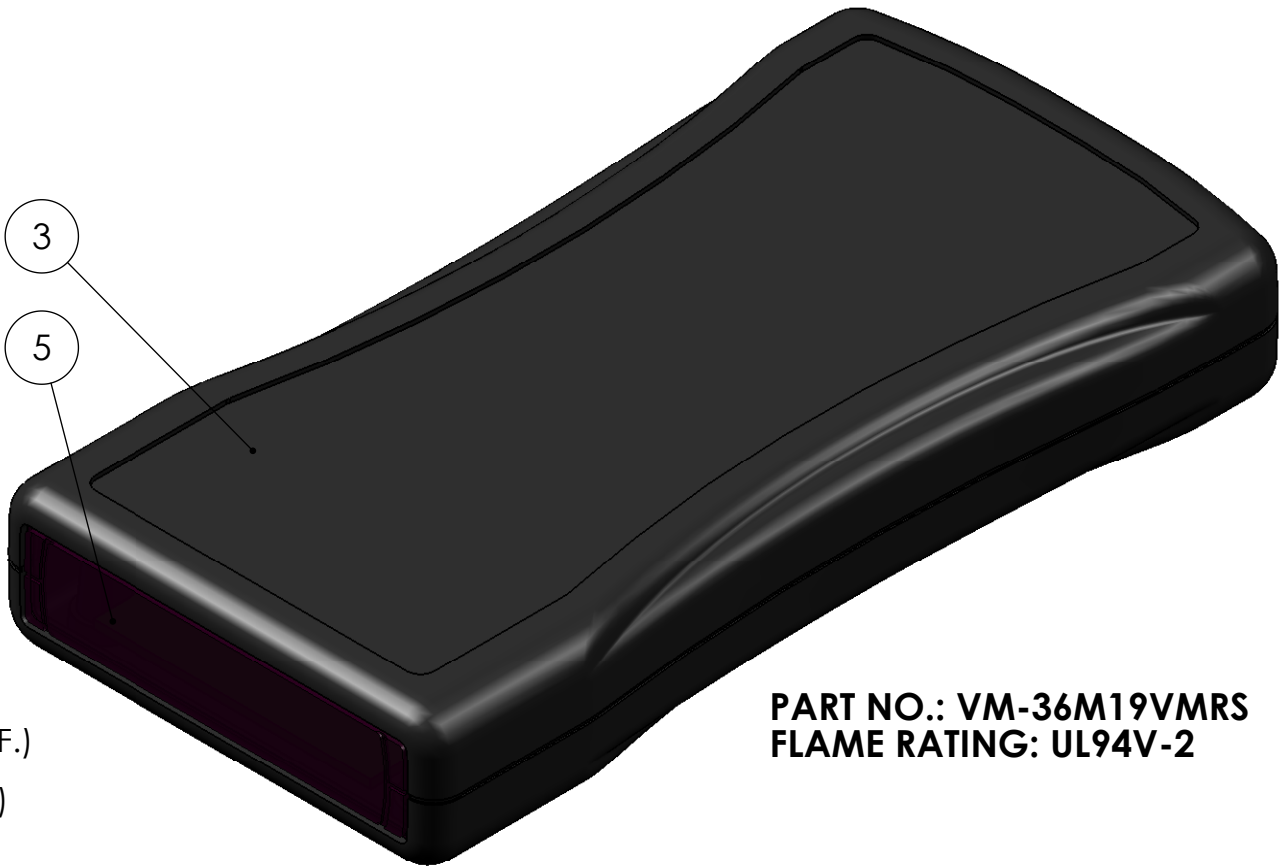
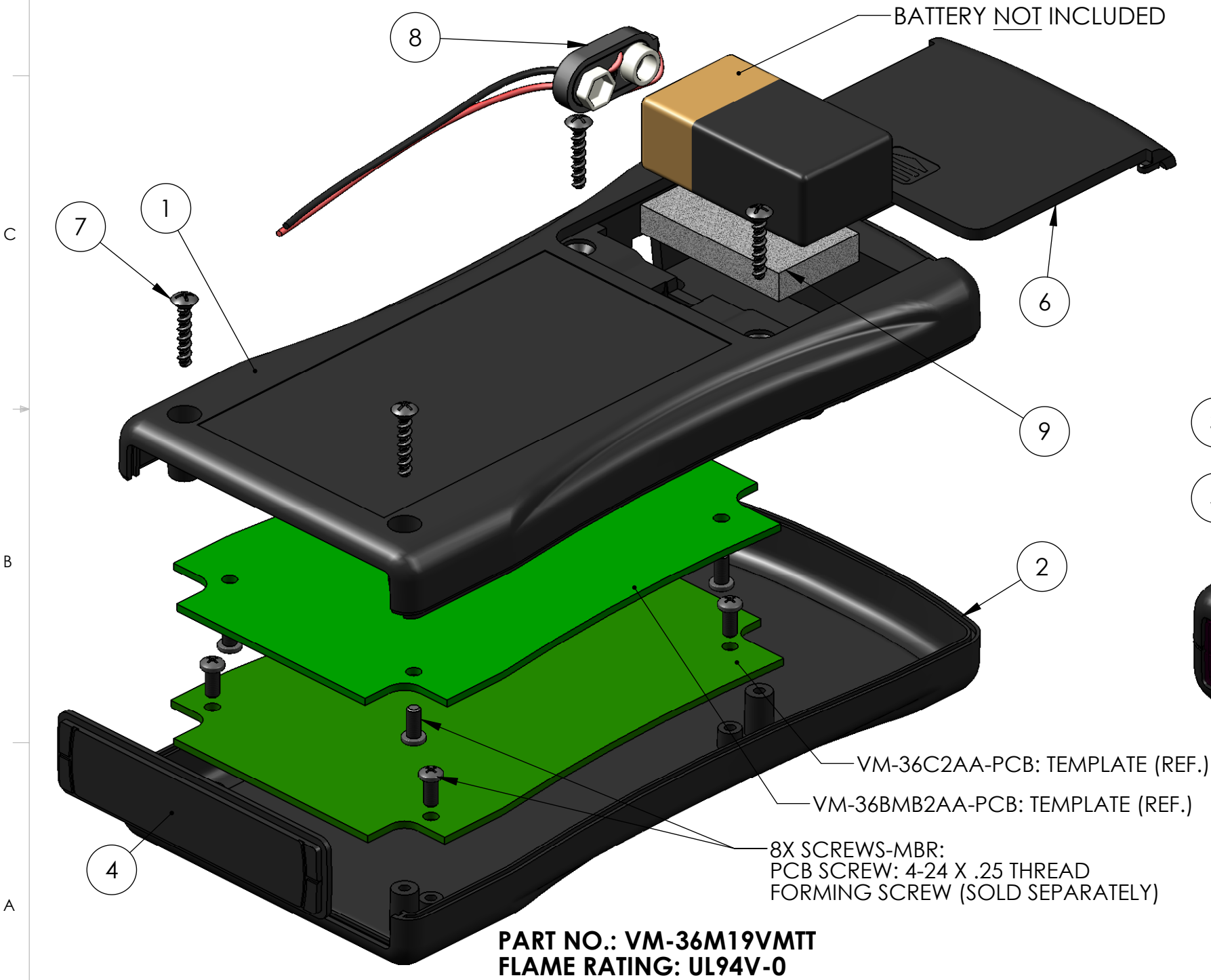


NOTES:
1. BATTERIES NOT INCLUDED
2. MOUNTING BOSSES ACCEPT 4-24 X .250 THREAD FORMING SCREWS FOR A .063 TH'K PC BOARD. SCREWS AVAILABLE FROM POLYCASE.

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

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES[mm] TOLERANCES: ANGULAR: $\pm$ 2° TWO PLACE DECIMAL: $\pm$.030 THREE PLACE DECIMAL: $\pm$.015 PRINTED GRAPHICS: $\pm$.010		PART NO. VM-36 ASSEMBLY PRODUCT		POLYCASE™ YOUR PERFECT FIT 1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH: 1-800-248-1233, 440-934-0444 FAX: 440-934-0086	
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 ASS'Y		CLIENT		SIZE C	
DRAWN CHECKED		NAME D.M.F.		DATE 9/8/08	
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

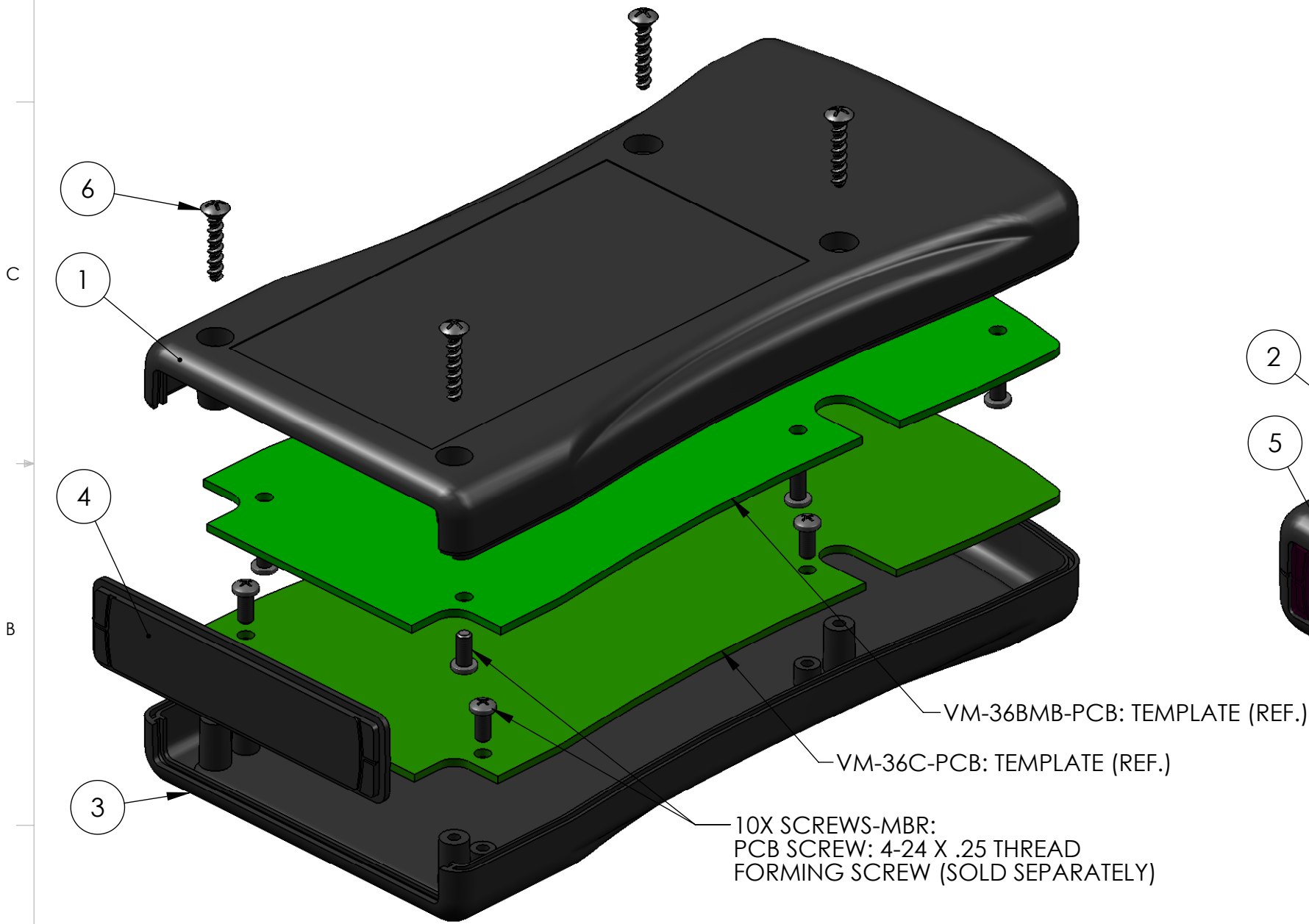


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.030 THREE PLACE DECIMAL: ±.015 PRINTED GRAPHICS: ±.010 PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF POLYCASE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF POLYCASE IS PROHIBITED. CAD FILE: VM-36 ASSY	PART NO. VM-36 ASSEMBLY		POLYCASE™ 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 -		TITLE: Product Assembly Drawing	
CLIENT -		SIZE B		REV -
DRAWN CHECKED	NAME D.M.F.	DATE 9/8/08	SCALE: 1:1	SHEET 2 OF 3

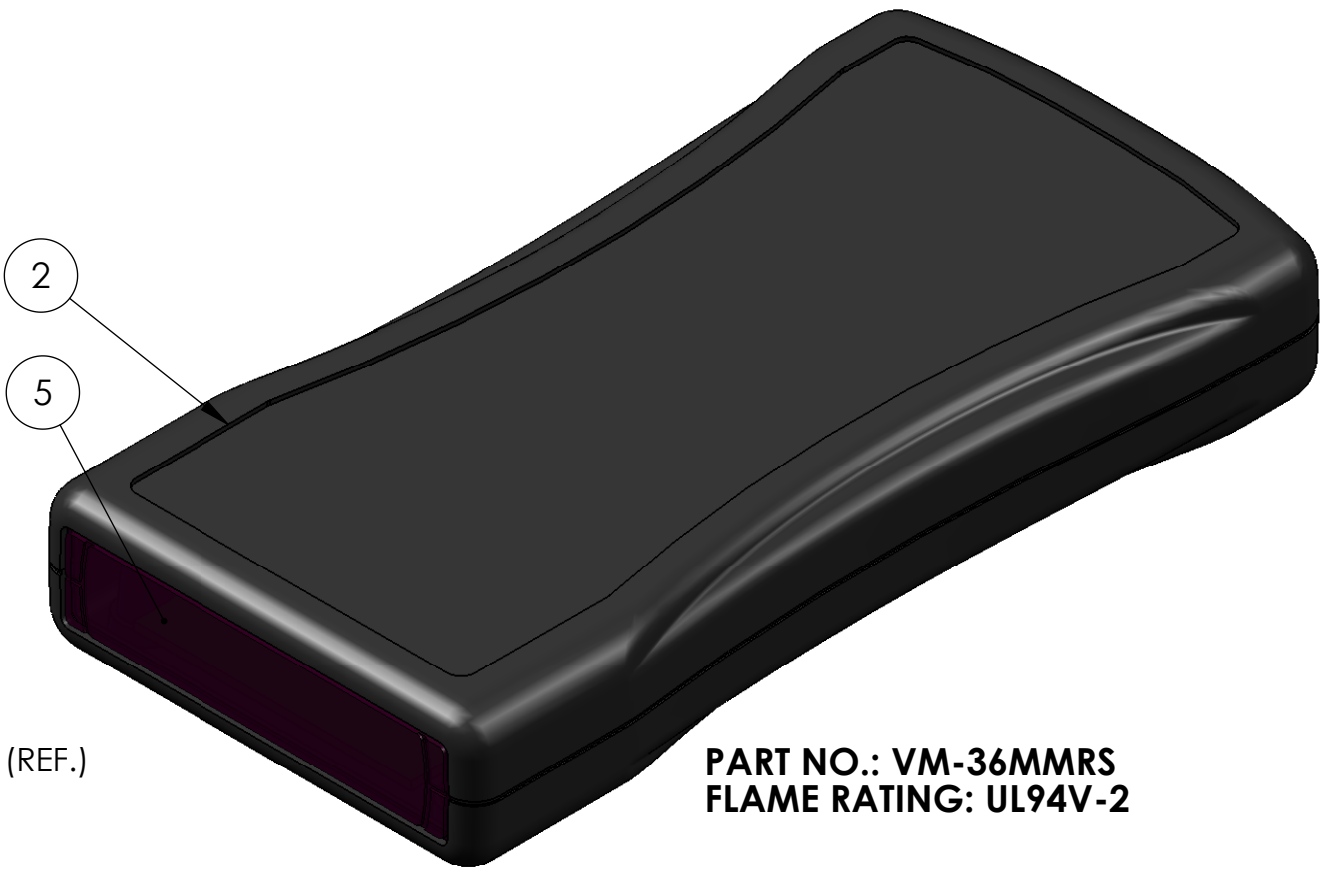
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	VM-36MMTT/QTY.	VM-36MMRT/QTY.	VM-36MMTS/QTY.	VM-36MMRS/QTY.
1	VM-36BMB	BASE: WITHOUT BATTERY COMPARTMENT	ABS	1	1	1	1
2	VM-36CMBR	COVER: RECESSED SMOOTH	ABS	-	1	-	1
3	VM-36CMBT	COVER: TEXTURED FLUSH	ABS	1	-	1	-
4	VM-35EPT	END PANEL: TEXTURED FINISH TO MATCH ENCLOSURE	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

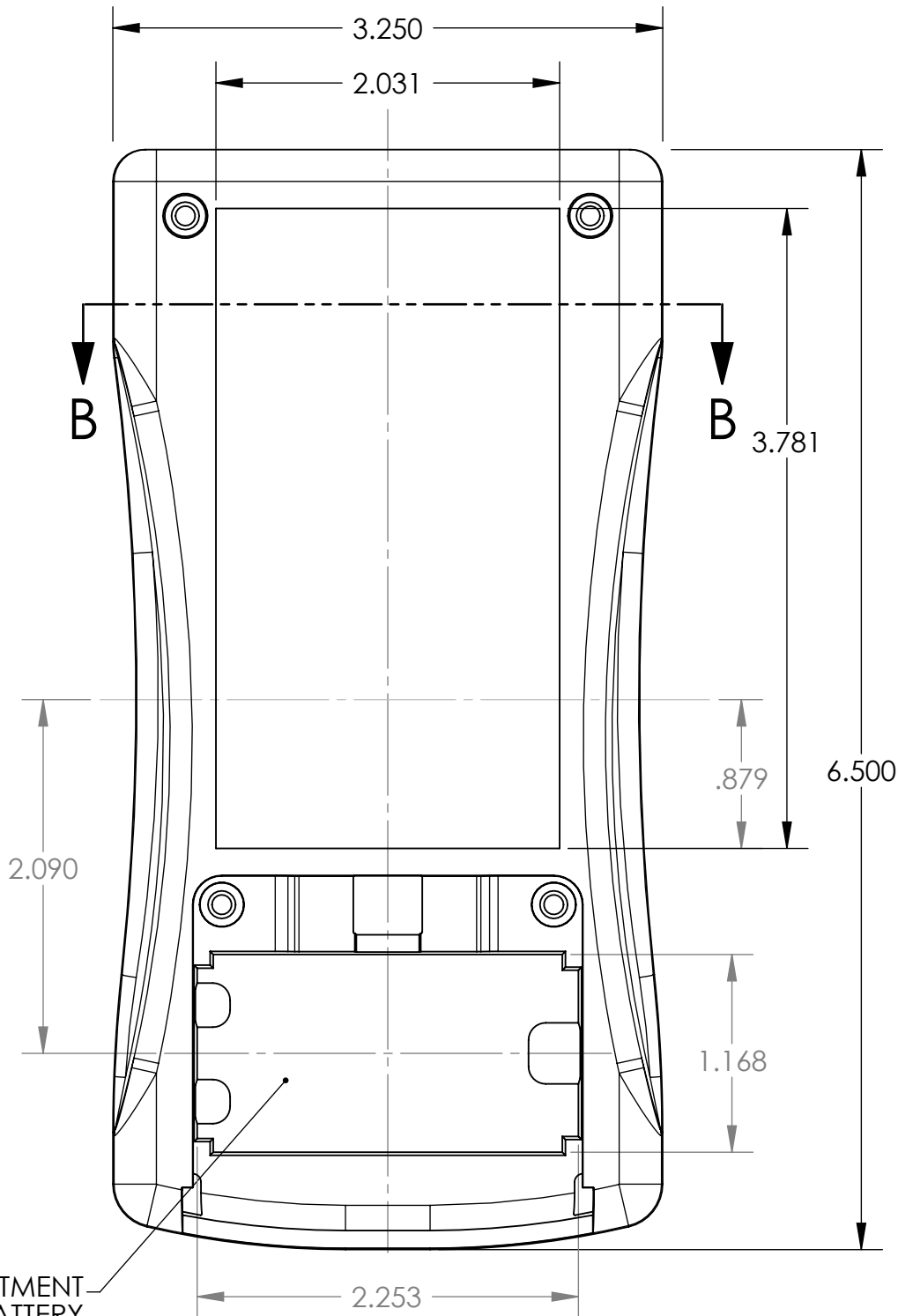
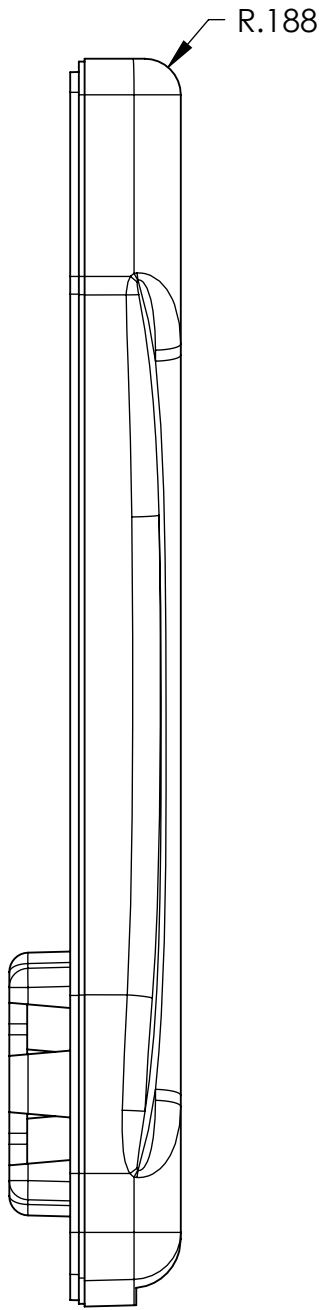
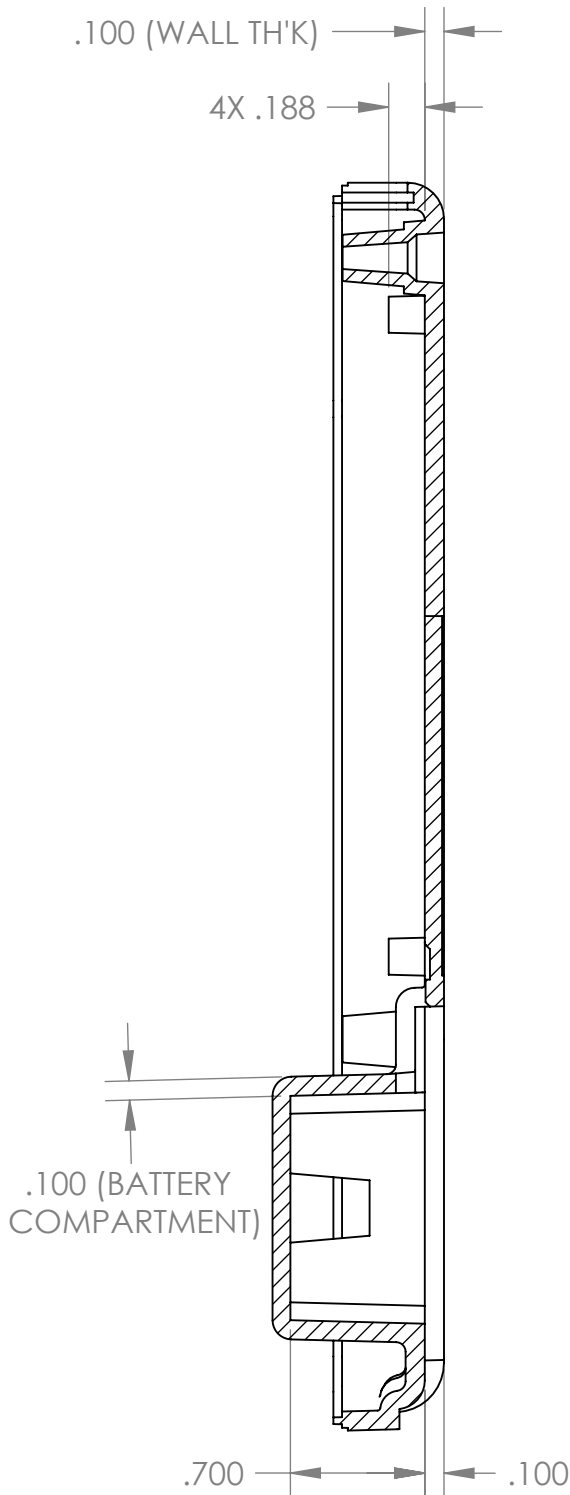
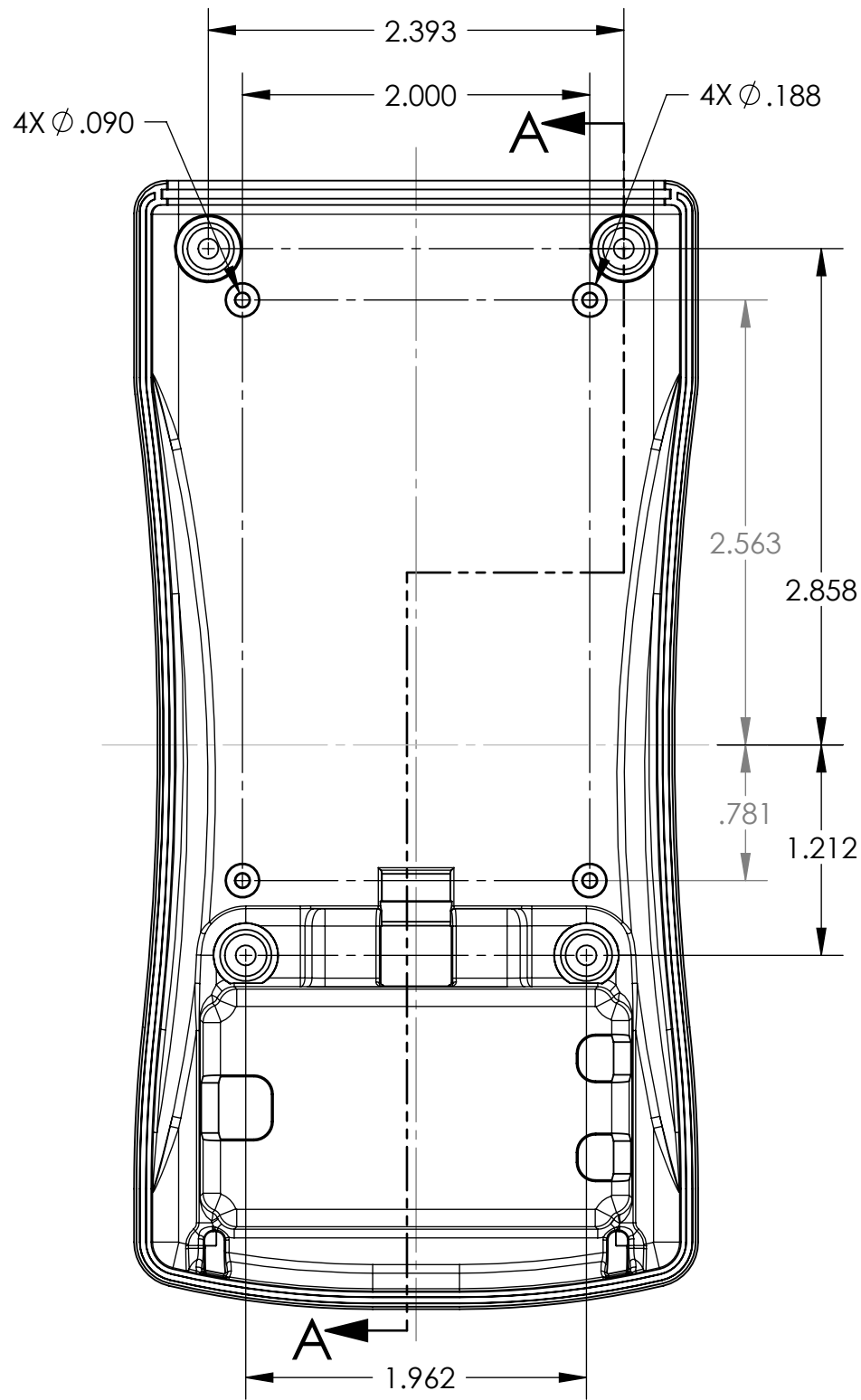
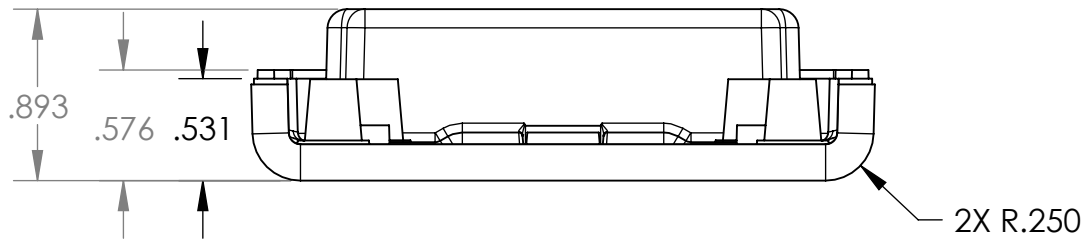
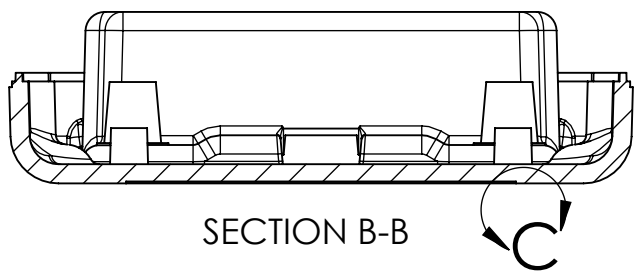
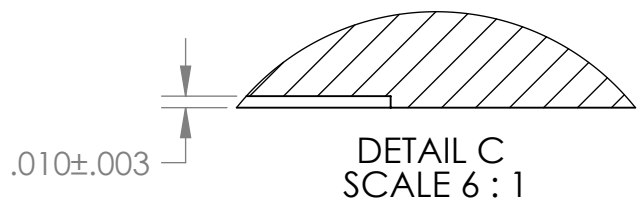


PART NO.: VM-36MMRS
FLAME RATING: UL94V-2

A

A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.030 THREE PLACE DECIMAL: ±.015 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-36 ASSY	PART NO. VM-36 ASSEMBLY			POLYCASE™ 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 -			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:
DIMENSIONS ARE IN: INCHES[mm]
TOLERANCES: ANGULAR: ±2°
TWO PLACE DECIMAL: ±.030
THREE PLACE DECIMAL: ±.015
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-36BMB19V

PART NO.
VM-36BMB19V
PRODUCT
-
CLIENT
-
DRAWN
CHECKED

NAME
D.M.F.
-
DATE
2/6/09
12/31/2999



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

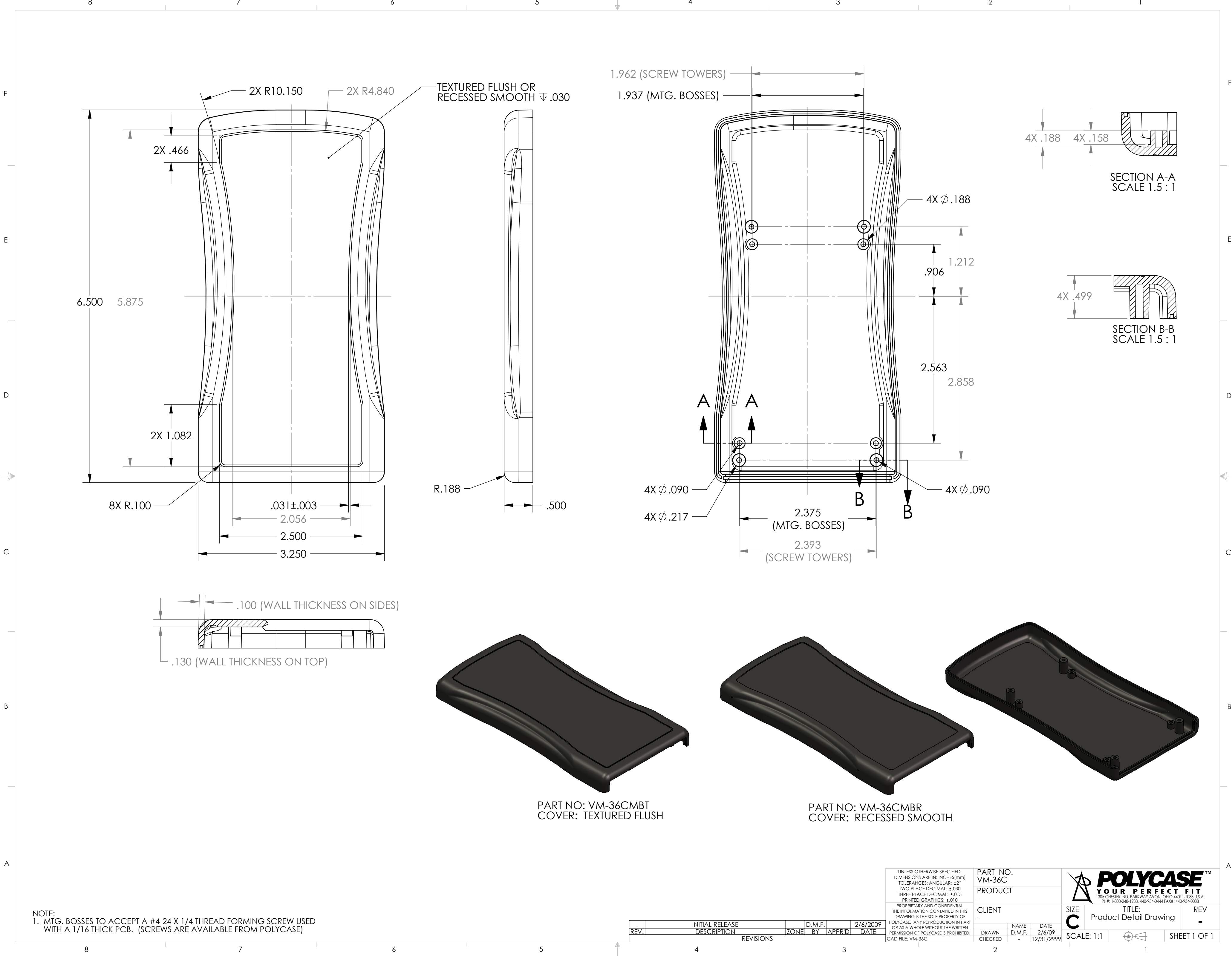
SCALE: 1:1

1

TITLE:
Product Detail Drawing

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						

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: INCHES[mm]
TOLERANCES: ANGULAR: ±2°
TWO PLACE DECIMAL: ±.030
THREE PLACE DECIMAL: ±.015
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-36C

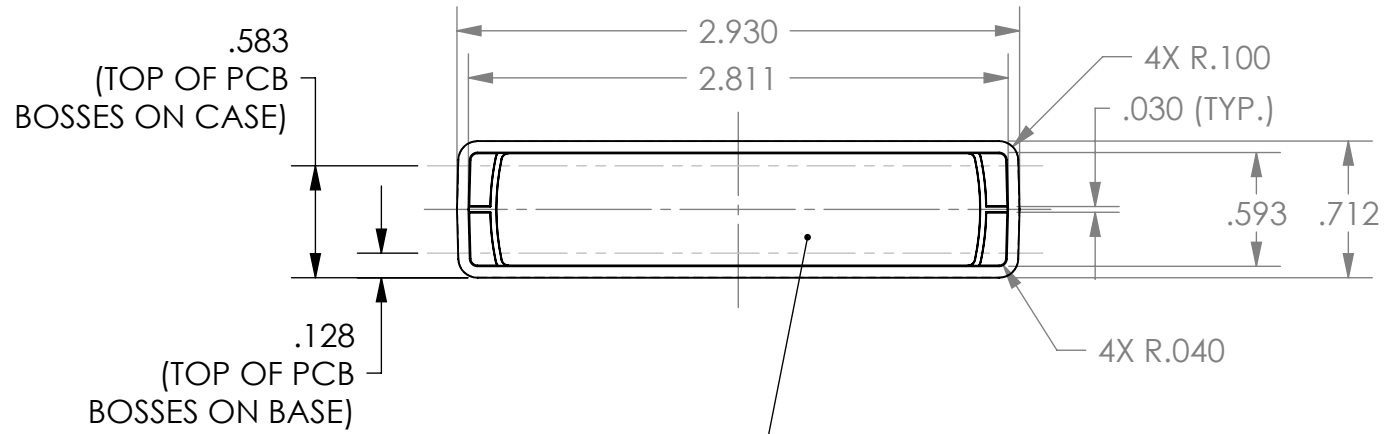
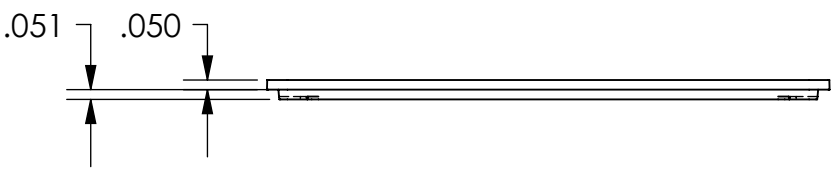
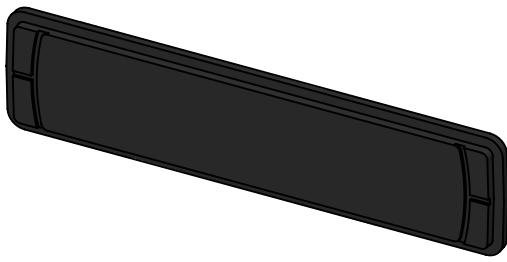
PART NO. VM-36C		
PRODUCT		
-		
CLIENT		
-		
DRAWN	NAME	DATE
CHECKED	D.M.F.	2/6/09
	-	12/31/2999



POLYCASE™
YOUR PERFECT FIT
1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A.
PH: 1-800-248-1233, 440-934-0444 FAX: 440-934-0086

SIZE C	TITLE: Product Detail Drawing	REV -
------------------	----------------------------------	----------

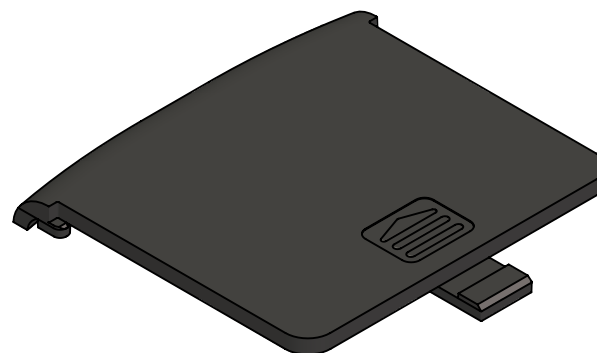
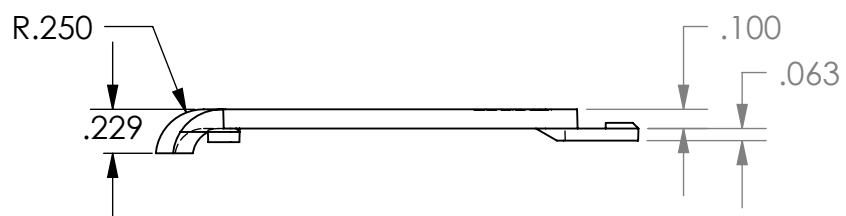
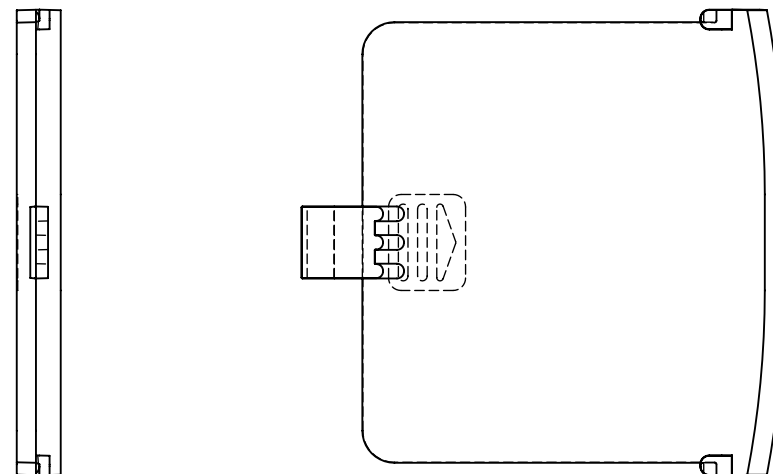
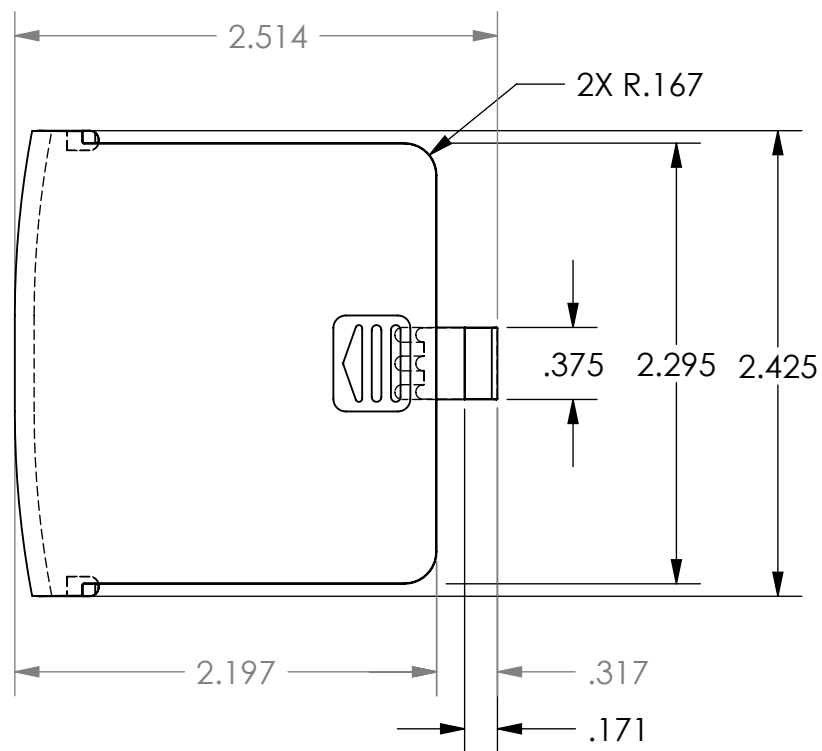
SCALE: 1:1		SHEET 1 OF 1
------------	---	--------------



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

SHEET 1 OF 1

 POLYCASE YOUR PERFECT FIT		DRWN BY D.F.		APP. BY B.B.		SCALE: 1:1		DATE: 5/11/07		
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 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		JOB NO: -			PRODUCT: VM-35EP -					
		CUSTOMER: -						SIZE: A		
		TITLE: PRODUCT DETAIL DRAWING								



SHEET 1 OF 1

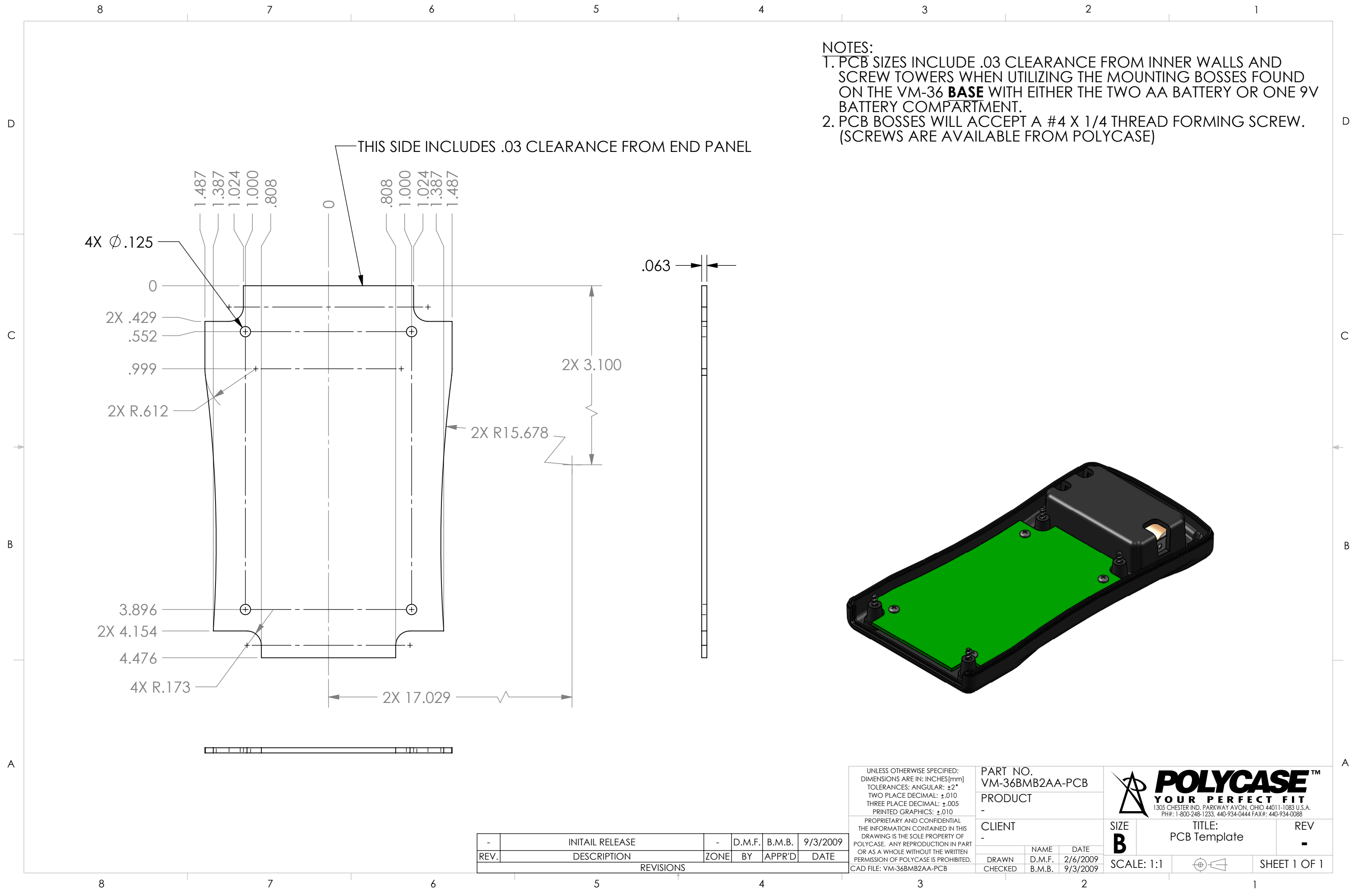
 POLYCASE YOUR PERFECT FIT	DRWN BY D.F.	APP. BY B.B.	SCALE: 1:1	DATE: 5/11/07
	JOB NO: -	PRODUCT: VM-D2		
	CUSTOMER: -			SIZE: A
	TITLE: PRODUCT DETAIL DRAWING			

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

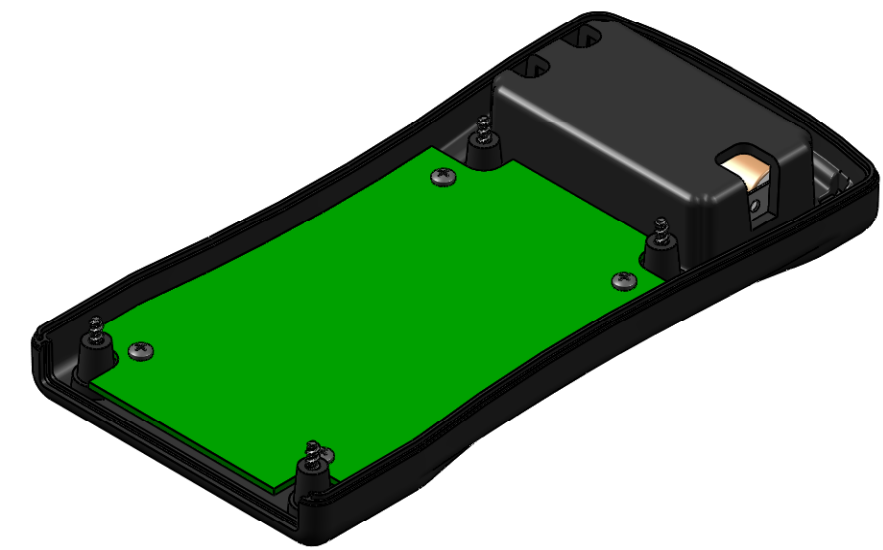
X.XX ±.030
X.XXX ±.015

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

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



- NOTES:
1. PCB SIZES INCLUDE .03 CLEARANCE FROM INNER WALLS AND SCREW TOWERS WHEN UTILIZING THE MOUNTING BOSSSES FOUND ON THE VM-36 **BASE** WITH EITHER THE TWO AA BATTERY OR ONE 9V BATTERY COMPARTMENT.
 2. PCB BOSSSES 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	PART NO. VM-36BMB2AA-PCB			 POLYCASE™ 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 -					
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	CLIENT -			SIZE B	TITLE: PCB Template	REV -
		NAME	DATE	SCALE: 1:1  SHEET 1 OF 1		
	DRAWN	D.M.F.	2/6/2009			
	CHECKED	B.M.B.	9/3/2009			

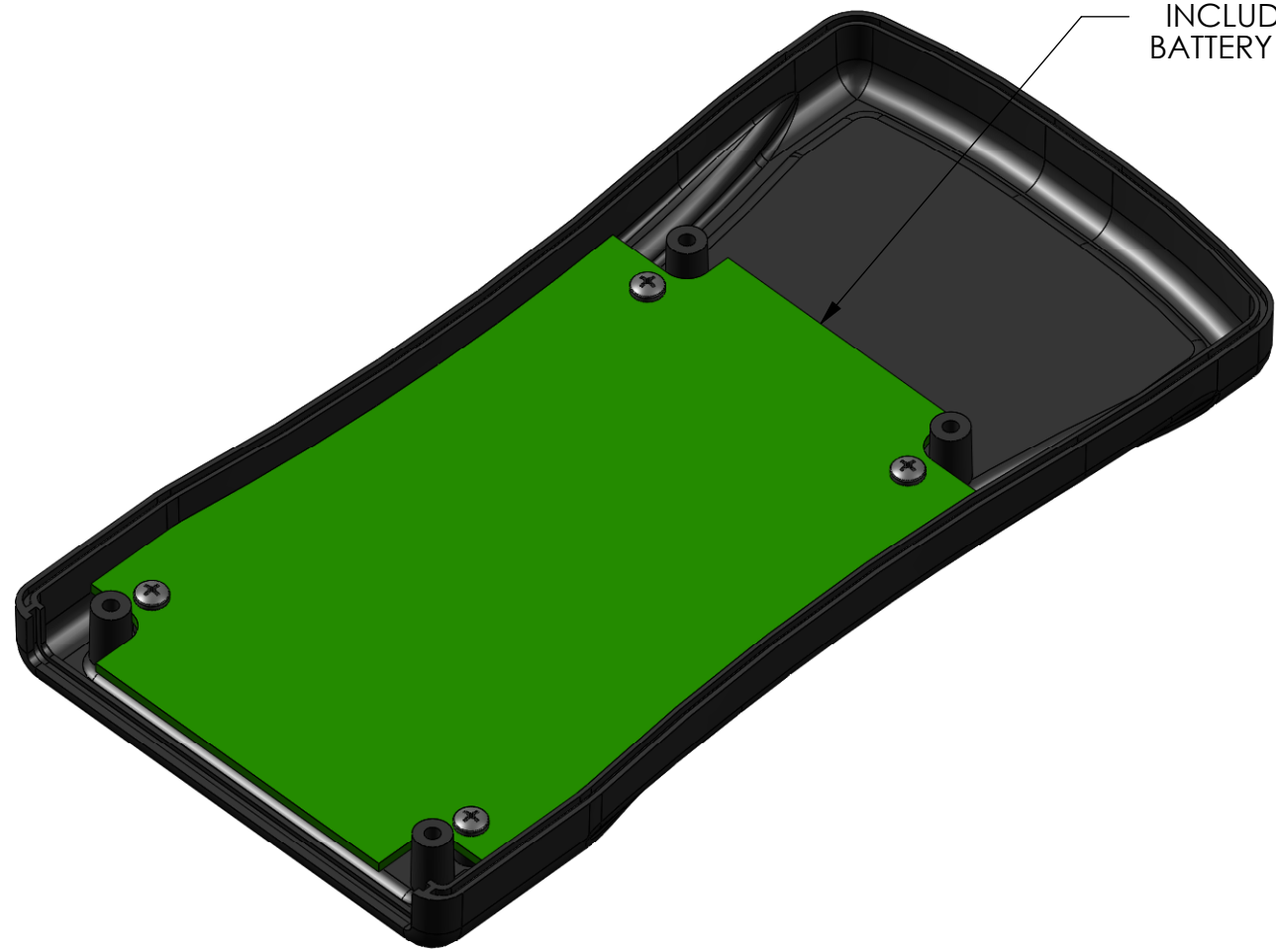
8 7 6 5 4 3 2 1

D

C

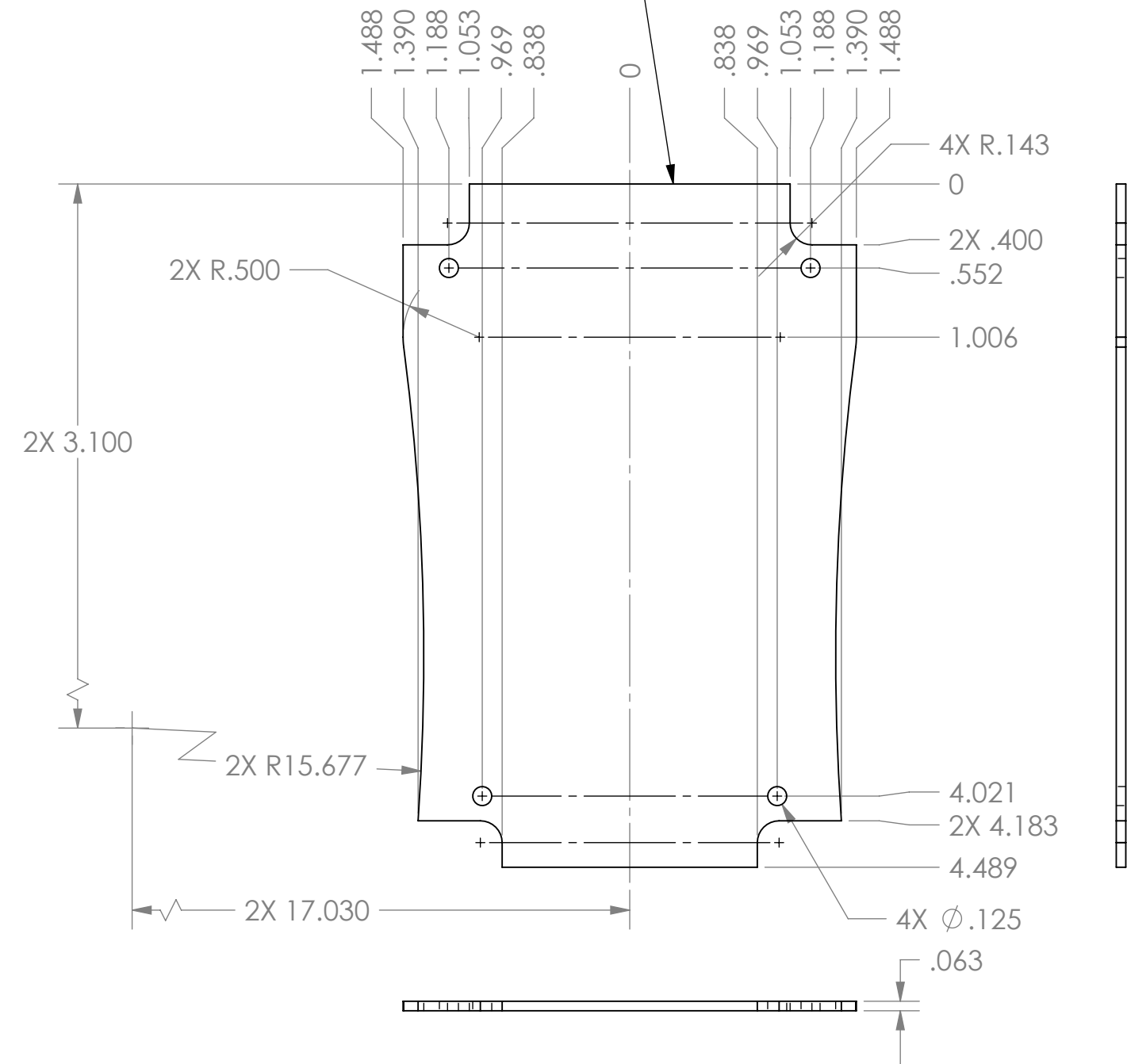
B

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

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-36C2AA-PCB

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



POLYCASE™
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

SIZE 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

