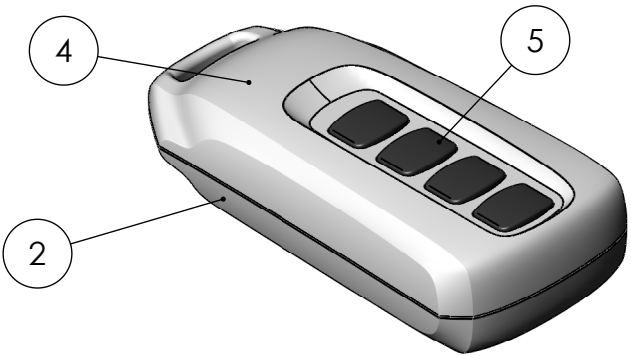
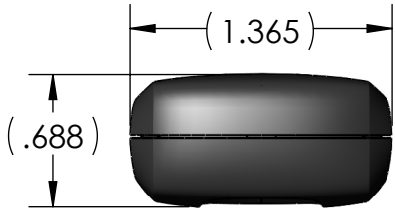


ITEM NO.	PART NUMBER	Rev	DESCRIPTION	Material	MaterialSpec	Color	FlameRating	FB-45-4/QTY.	FB-45-4*14/QTY.
1	FB-45B	-	BASE	ABS	/ABS/PA765/BK	BLACK	UL94V-0	1	-
2	FB-45B*14	-	BASE	ABS	/ABS/PA765/WH	WHITE	UL94V-0	-	1
3	FB-45C-4	-	COVER, 4 BUTTON	ABS	/ABS/PA765/BK	BLACK	UL94V-0	1	-
4	FB-45C-4*14	-	COVER, 4 BUTTON	ABS	/ABS/PA765/WH	WHITE	UL94V-0	-	1
5	FB-45PAD-4	-	4 BUTTON KEYPAD	SHIN ETSU KE-951U Silicone		MATTE BLACK		1	1



PART NUMBER: FB-45-4*14
FLAME RATING: UL94V-0

D

D

C

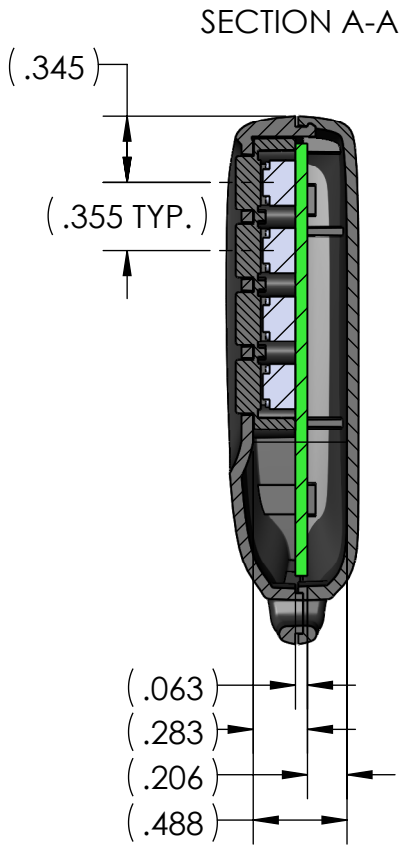
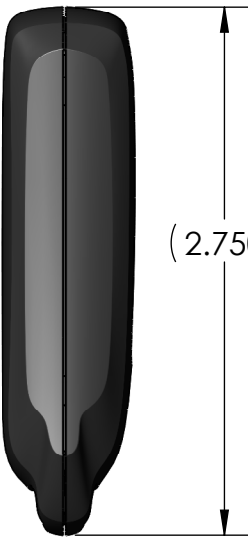
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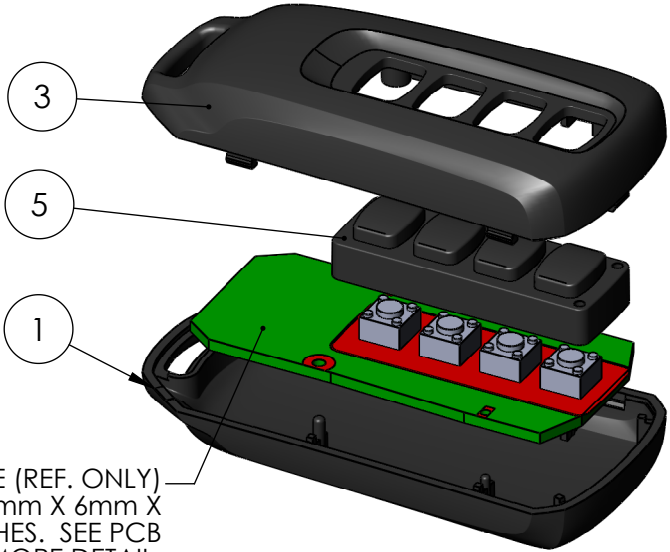
B

A

A



FB-45-4-PCB: PCB TEMPLATE (REF. ONLY)
DESIGNED FOR USE WITH 6mm X 6mm X
4.3mm TACTILE SWITCHES. SEE PCB
TEMPLATE DRAWING FOR MORE DETAIL.



PART NUMBER: FB-45-4
FLAME RATING: UL94V-0

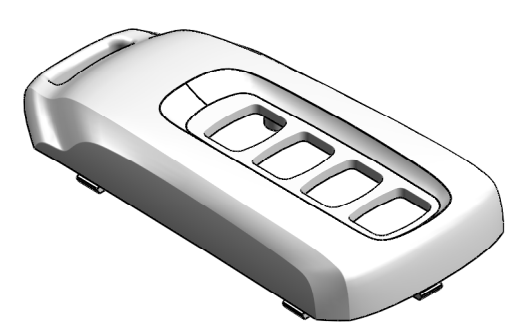
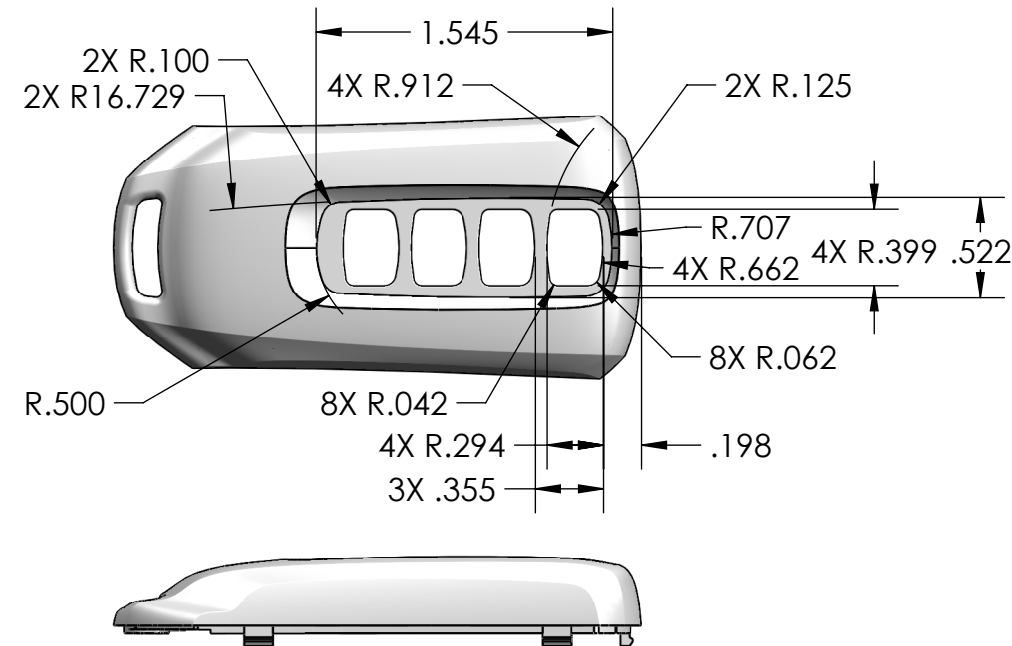
REV.	DESCRIPTION	ZONE	BY	APPR'D	DATE
	REVISIONS				

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: FB-45-4					

PART NO. FB-45-4		
MATERIAL		
FLAME RATING UL94V-0		
DRAWN	NAME	DATE
CHECKED	B.M.B.	9/8/2011

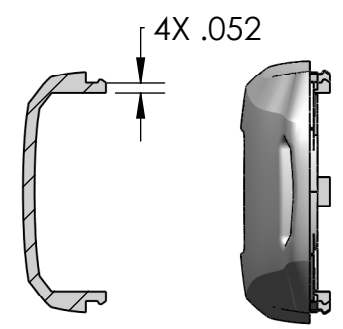
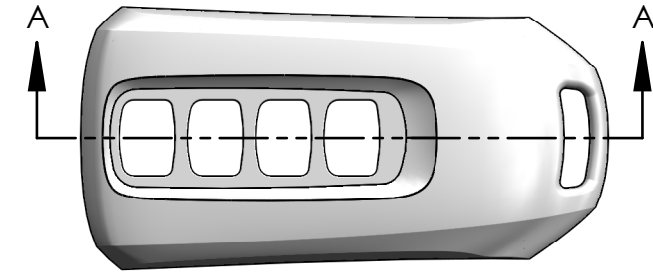
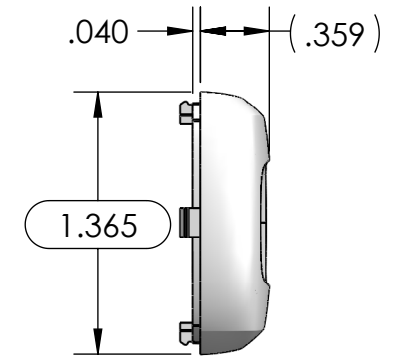
polycase		1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088	
SIZE B		FB-45, 4 BUTTON	REV -
SCALE: 1:1		SHEET 1 OF 1	

TOLERANCE CHART				
6 SIGMA				
DIMENSION RANGE		TOOL DEPENDENT	NON-TOOL DEPENDENT	
.000	.040	±.0018	±.0042	
.040	.120	±.0024	±.0054	
.120	.240	±.0030	±.0060	
.240	.390	±.0036	±.0066	
.390	.590	±.0042	±.0072	
.590	.870	±.0048	±.0072	
.870	1.180	±.0054	±.0078	
1.180	1.570	±.0060	±.0084	
1.570	2.090	±.0072	±.0096	
2.090	2.760	±.0078	±.0108	
2.760	3.540	±.0090	±.0120	
3.540	4.700	±.0108	±.0132	
4.700	6.300	±.0126	±.0150	
6.300	7.870	±.0150	±.0180	

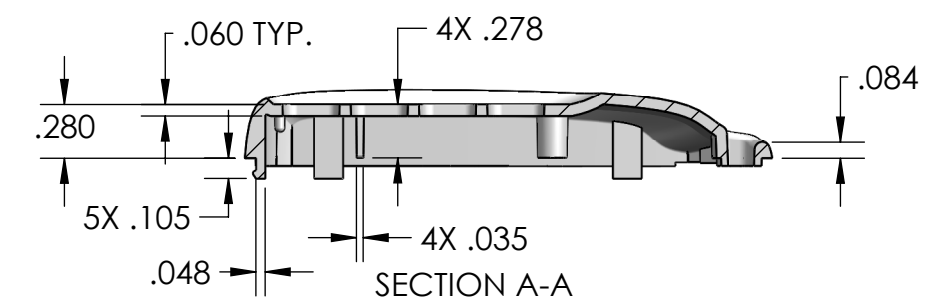


PART NUMBER: FB-45C-4*14
MATERIAL: ABS
MATERIAL SPEC: /ABS/PA765/WH
COLOR: WHITE
FLAME RATING: UL94V-0

PART NUMBER: FB-45C-4
MATERIAL: ABS
MATERIAL SPEC: /ABS/PA765/BK
COLOR: BLACK
FLAME RATING: UL94V-0



SECTION B-B



SECTION A-A

- NOTES:
1. REFER TO SOLID MODEL FOR COMPLETE PART DEFINITION.
2. (INSPECTION DIMENSION)
3. EJECTOR PINS TO BE FLUSH ±.015
4. FLASH NOT TO EXCEED .005

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.010 THREE PLACE DECIMAL: ±.005 PRINTED GRAPHICS: ±.010	PART NO. AS NOTED		 1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088			
	MATERIAL AS NOTED					
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.	FLAME RATING AS NOTED		SIZE B	COVER, 4 BUTTON		REV -
		NAME	DATE			
	DRAWN	D.M.F.	2/23/2011			
	CHECKED	B.M.B.	3/15/2011			
CAD FILE: FB-45C-4				SCALE: 1:1		SHEET 1 OF 1

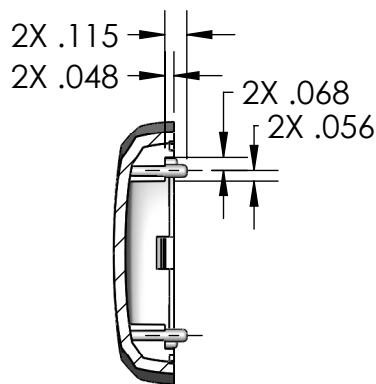
TOLERANCE CHART			
6 SIGMA			
DIMENSION RANGE		TOOL DEPENDENT	NON-TOOL DEPENDENT
.000	.040	±.0018	±.0042
.040	.120	±.0024	±.0054
.120	.240	±.0030	±.0060
.240	.390	±.0036	±.0066
.390	.590	±.0042	±.0072
.590	.870	±.0048	±.0072
.870	1.180	±.0054	±.0078
1.180	1.570	±.0060	±.0084
1.570	2.090	±.0072	±.0096
2.090	2.760	±.0078	±.0108
2.760	3.540	±.0090	±.0120
3.540	4.700	±.0108	±.0132
4.700	6.300	±.0126	±.0150
6.300	7.870	±.0150	±.0180

D

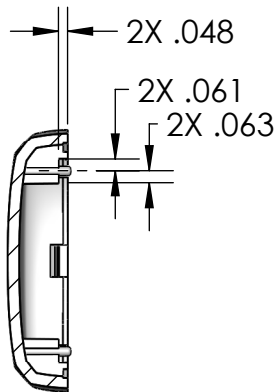
C

B

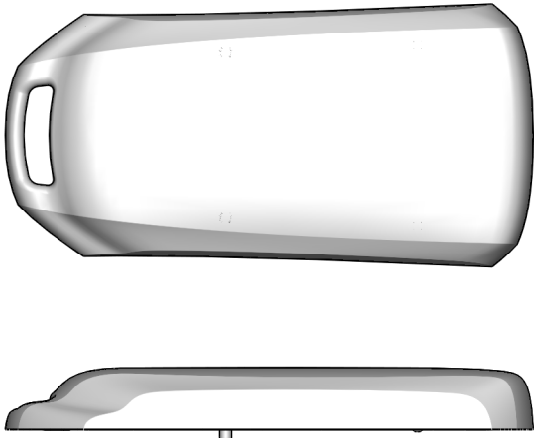
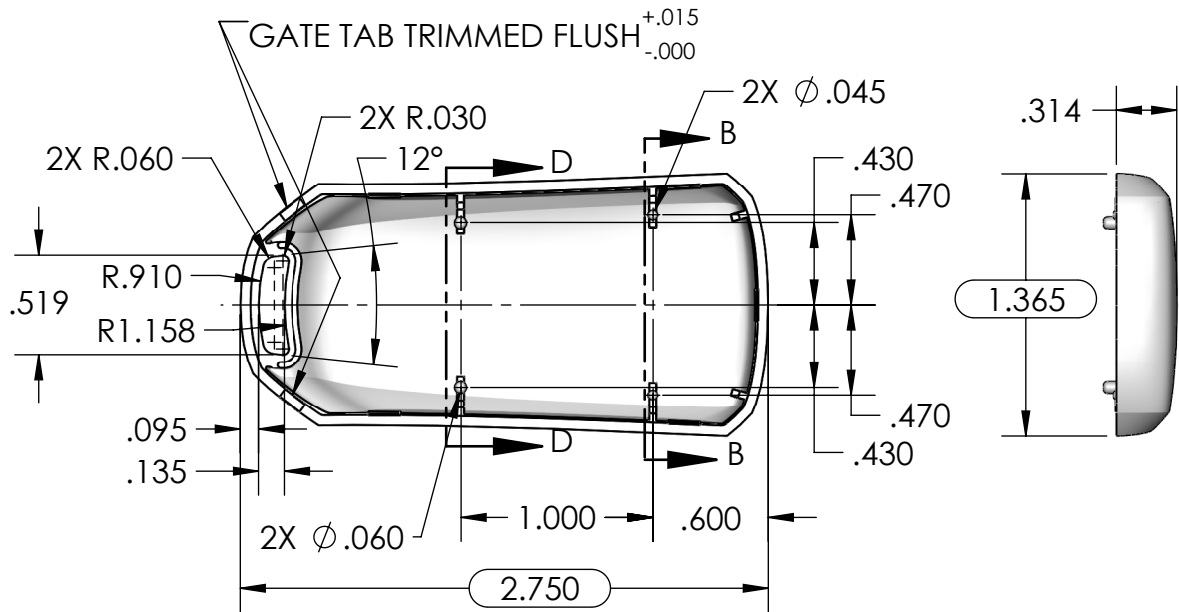
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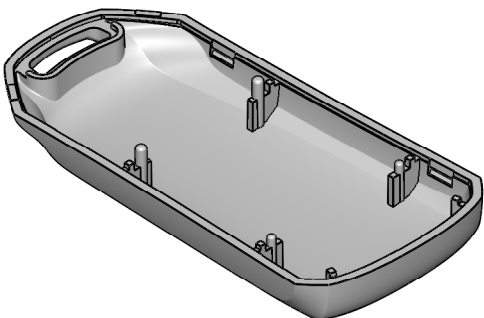
SECTION D-D



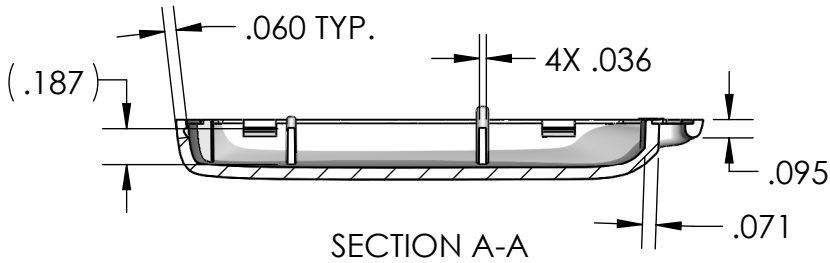
SECTION B-B



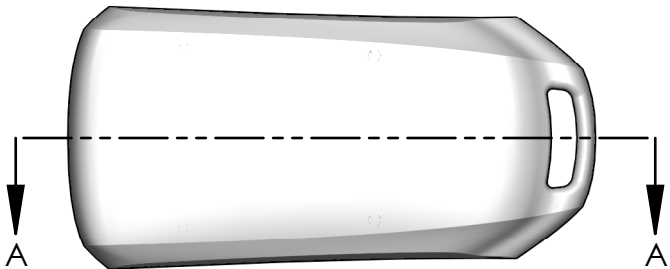
PART NUMBER: FB-45B
MATERIAL: ABS
MATERIAL SPEC: /ABS/PA765/BK
COLOR: BLACK
FLAME RATING: UL94V-0



PART NUMBER: FB-45B*14
MATERIAL: ABS
MATERIAL SPEC: /ABS/PA765/WH
COLOR: WHITE
FLAME RATING: UL94V-0

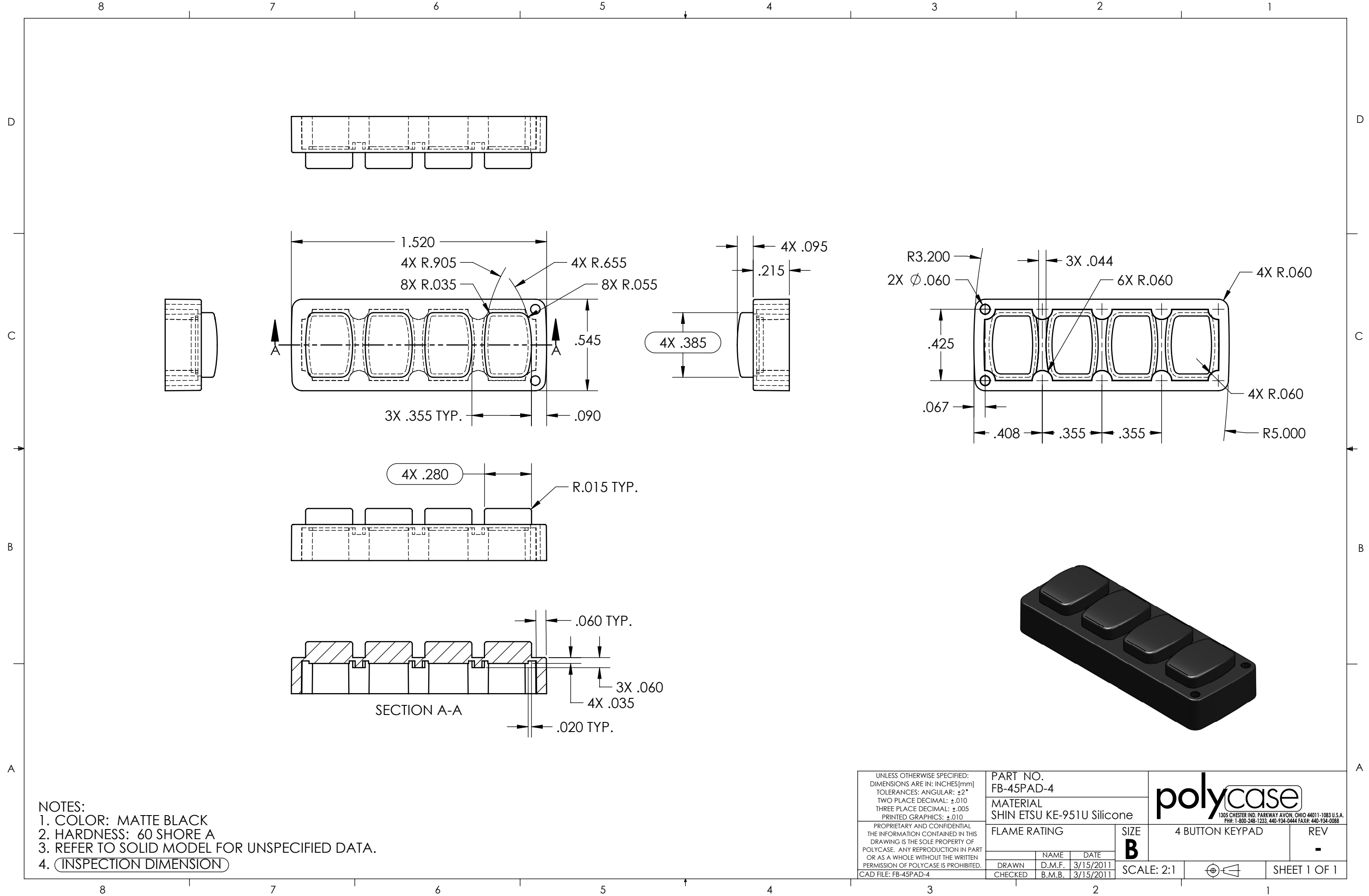


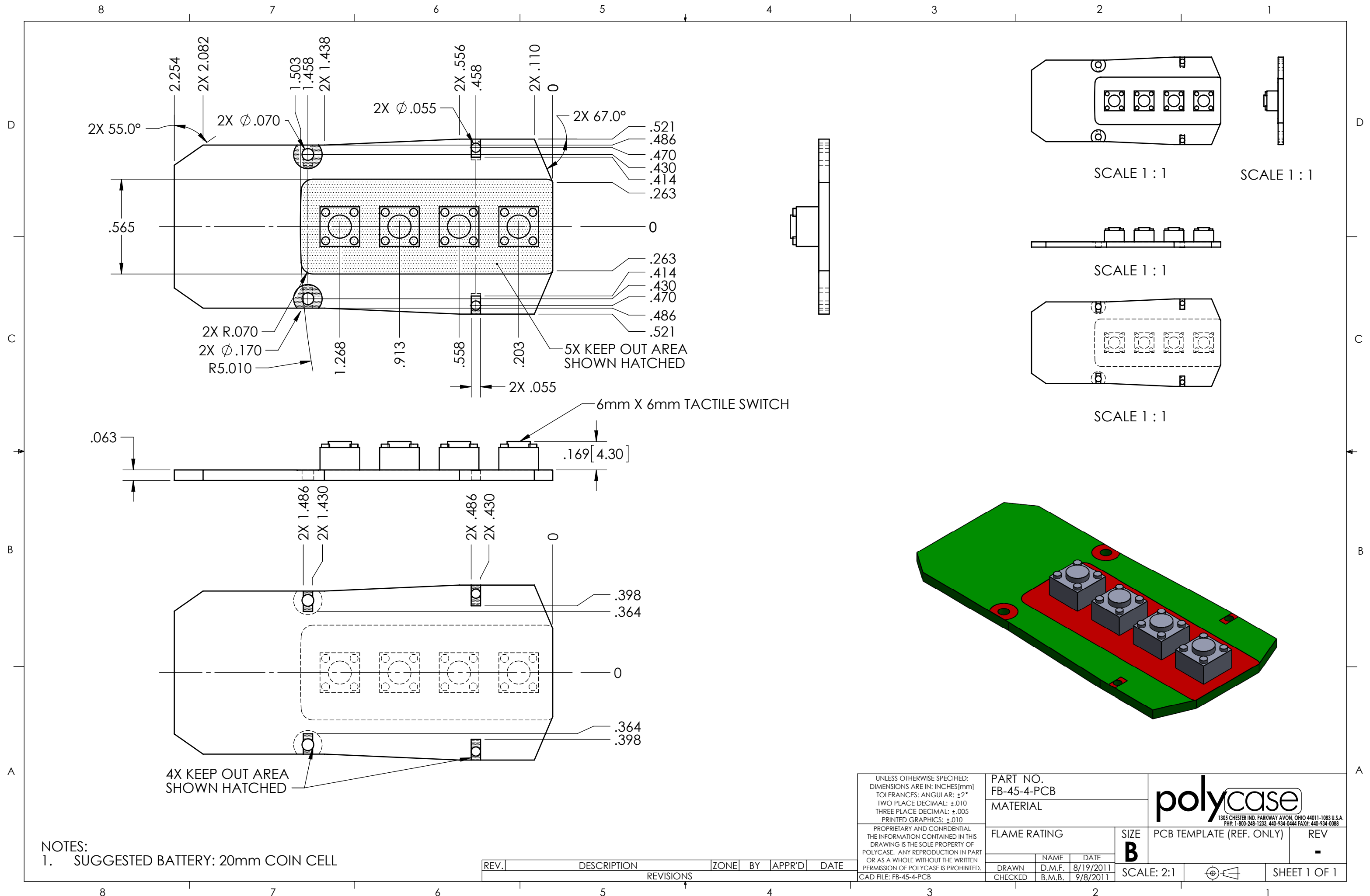
SECTION A-A



- NOTES:
1. REFER TO SOLID MODEL FOR COMPLETE PART DEFINITION.
 2. (INSPECTION DIMENSION)
 3. EJECTOR PINS TO BE FLUSH ±.015
 4. FLASH NOT TO EXCEED .005

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES[mm] TOLERANCES: ANGULAR: ±2° TWO PLACE DECIMAL: ±.010 THREE PLACE DECIMAL: ±.005 PRINTED GRAPHICS: ±.010	PART NO. AS NOTED		 1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088			
	MATERIAL AS NOTED					
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: FB-45B	FLAME RATING AS NOTED		SIZE B	BASE		REV -
		NAME	DATE			
	DRAWN	D.M.F.	2/23/2011			
	CHECKED	B.M.B.	3/15/2011	SCALE: 1:1		SHEET 1 OF 1





NOTES:
1. SUGGESTED BATTERY: 20mm COIN CELL

REV.	DESCRIPTION	ZONE	BY	APPR'D	DATE
REVISIONS					

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: INCHES [mm]
TOLERANCES: ANGULAR: $\pm 2^\circ$
TWO PLACE DECIMAL: $\pm .010$
THREE PLACE DECIMAL: $\pm .005$
PRINTED GRAPHICS: $\pm .010$

PROPRIETARY AND CONFIDENTIAL
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PERMISSION OF POLYCASE IS PROHIBITED.

CAD FILE: FB-45-4-PCB

PART NO. FB-45-4-PCB		
MATERIAL		
FLAME RATING		
DRAWN	NAME	DATE
CHECKED	B.M.B.	9/8/2011

		1305 CHESTER IND. PARKWAY AVON, OHIO 44011-1083 U.S.A. PH#: 1-800-248-1233, 440-934-0444 FAX#: 440-934-0088	
PCB TEMPLATE (REF. ONLY)		REV -	
SIZE: 2:1		SHEET 1 OF 1	

Enable 3D View