

MOUNTING BOX DRAWINGS

6" ROUND SURFACE MOUNT BOX

4.5" ROUND SURFACE MOUNT BOX

6" ROUND FLUSH MOUNT BOX

4.5" ROUND FLUSH MOUNT BOX

4.75" SQUARE SURFACE MOUNT BOX

4.5" SQUARE CARLON MOUNT BOX

4.75" SQUARE FLUSH MOUNT BOX

JAMB SURFACE MOUNT BOX

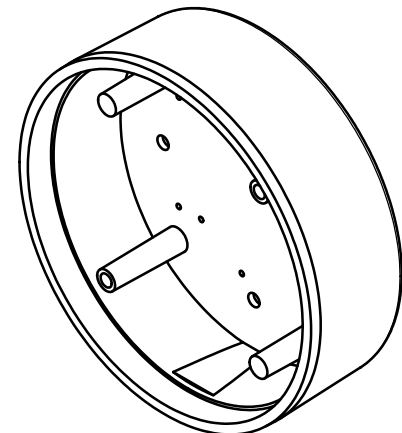
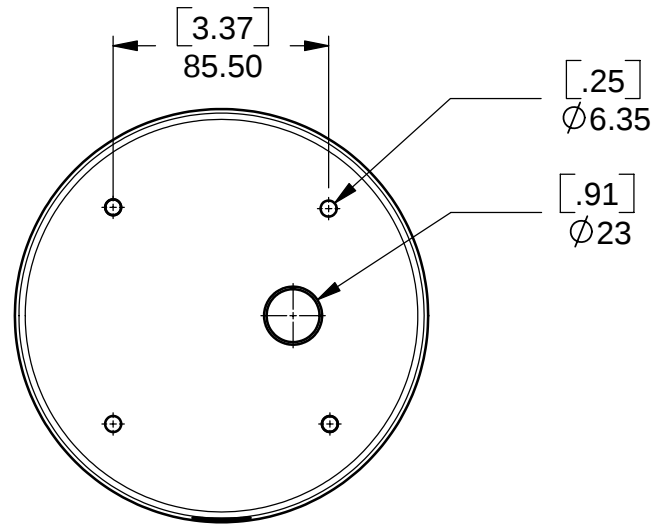
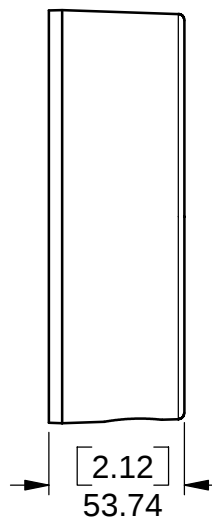
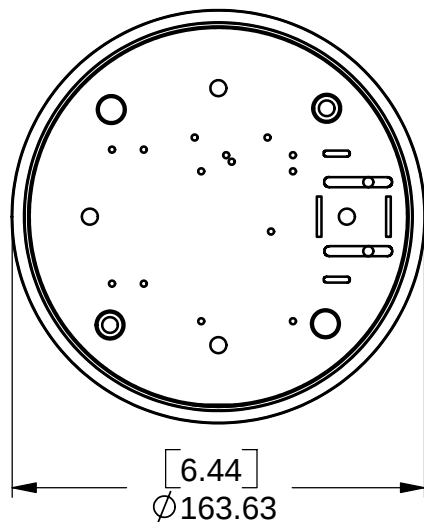
4x4 SURFACE MOUNT BOX

JAMB FLUSH MOUNT BOX

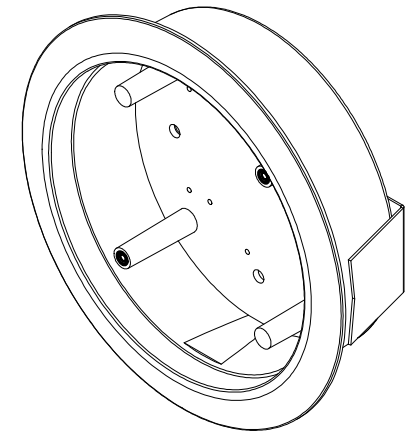
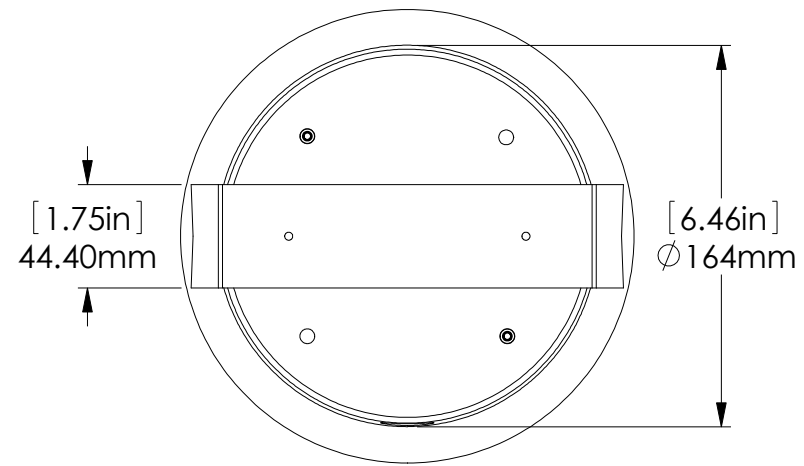
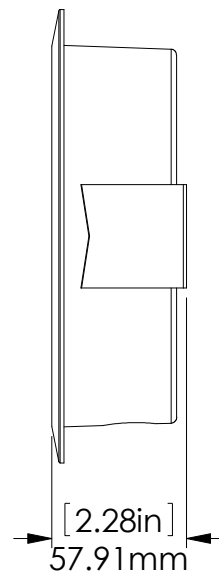
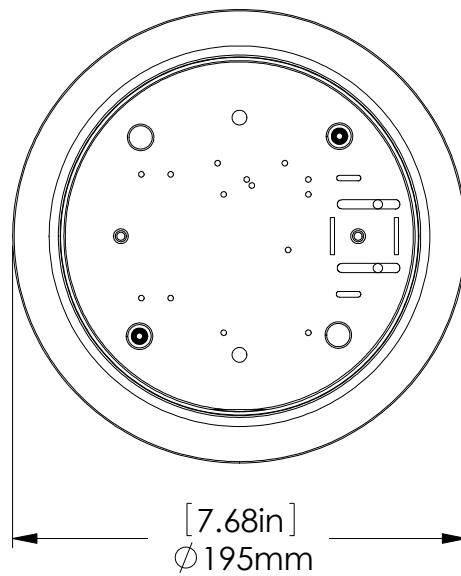
4.5" SQUARE SURFACE MOUNT BOX

JAMB SURFACE MOUNT BOX

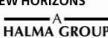


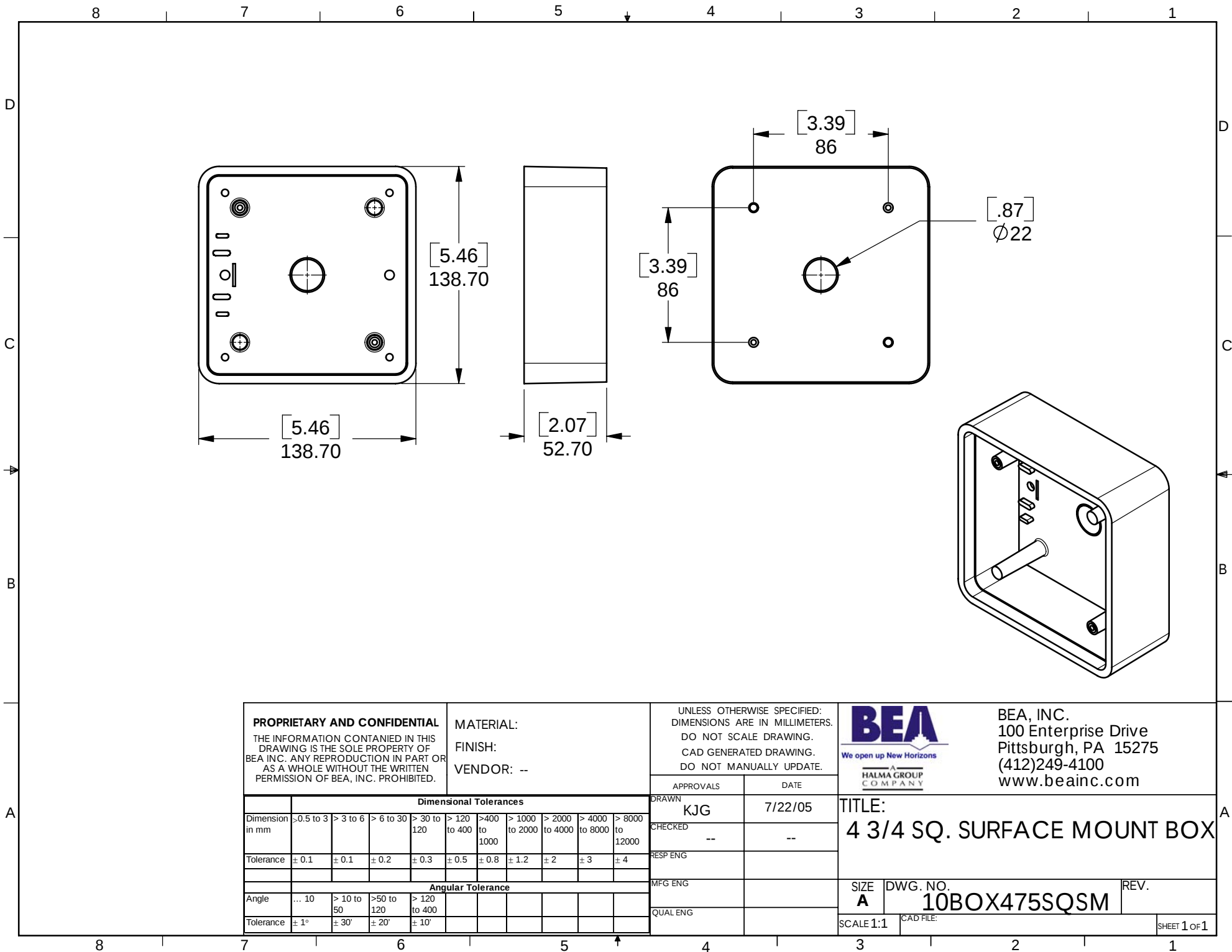


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Dimensional Tolerances										APPROVALS DRAWN KJG		DATE 7/22/05		TITLE: 6\"R SURFACE MOUNT BOX	
Dimension in mm										CHECKED --		--			
Tolerance										RESP ENG		--			
Angle										MFG ENG		--			
Angular Tolerance										QUAL ENG		--		SIZE A	
DWG. NO. 10BOX6RSM										REV.		SCALE 1:1		CAD FILE: 10BOX6Rx_ASSY_021105	
SHEET 1 OF 1															



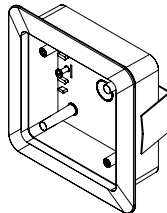
NOTE: THE RECOMMENDED DIAMETER OF THE CLEARANCE HOLE IN THE WALL IS 171.45mm [6.75in]

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										Dimensional Tolerances										APPROVALS										DATE										TITLE: 6"R FLUSH MOUNT BOX																																																	
Dimension in mm										>0.5 to 3 > 3 to 6 > 6 to 30 > 30 to 120										> 120 to 400 >400 to 1000 > 1000 to 2000 > 2000 to 4000 > 4000 to 8000 > 8000 to 12000										A GIANETTINO																																								7-22-05																			
Tolerance										± 0.1 ± 0.1 ± 0.2 ± 0.3 ± 0.5 ± 0.8 ± 1.2 ± 2 ± 3 ± 4										--										--																																																											
																														RESP ENG																																								--																			
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										Angular Tolerance																				QUAL ENG										--										SIZE A										DWG. NO. 10BOX6RFM										VER. XX																			
Angle										... 10 > 10 to 50 >50 to 120 > 120 to 400																																								SCALE 1:1										CAD FILE: 10BOX6Rx_ASSY_021105										SHEET 1 Of 1																			
Tolerance										± 1° ± 30' ± 20' ± 10'																																																																															



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															APPROVALS		DATE		TITLE: 4 3/4 SQ. SURFACE MOUNT BOX					
															DRAWN KJG		7/22/05							
															CHECKED --		--							
Dimensional Tolerances															RESP ENG				SIZE A DWG. NO. 10BOX475SQSM REV.					
Dimension in mm															MFG ENG									
Tolerance															QUAL ENG									
																			SCALE 1:1					
																			CAD FILE:					
																			SHEET 1 of 1					

8 7 6 5 4 3 2 1

[.79]
Ø 20[6.61]
167.99[6.61]
167.99[2.07]
52.70[1.74]
44.30

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APPROVALS
KJG 7/22/05

DESIGNED ---

DESIGNED ---

DESIGNED ---

DESIGNED ---

TITLE:
4 3/4" SQ. FLUSH MOUNT BOX

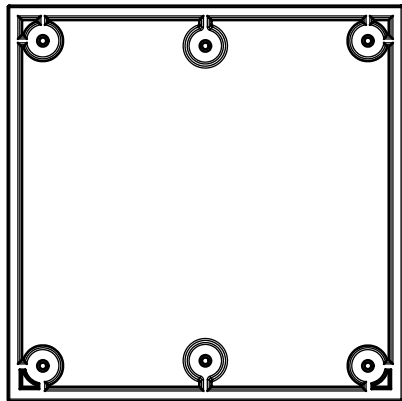
SIZE (DWG. NO.)
A 10BOX475SQF M REV. XX

SCALE 1:1 08-11-05

SHEET 1 OF 1

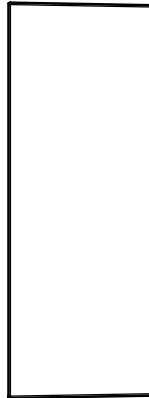
Dimensional Tolerances									
Dimension in mm	>0.5 to 2	>2 to 5	>5 to 20	>20 to 120	>120 to 100	>100 to 1000	>1000 to 2000	>2000 to 4000	>4000 to 9000
Tolerance	± 0.1	± 0.1	± 0.2	± 0.3	± 0.3	± 0.3	± 0.4	± 0.5	± 0.6
Angular Tolerances									
Angle	10	>10 to 50	>50 to 120	>120 to 180	>180 to 270	>270 to 360	>360 to 450	>450 to 540	>540 to 630
Tolerance	± 1°	± 30'	± 20'	± 15'	± 10'	± 5'	± 5'	± 5'	± 5'

8 7 6 5 4 3 2 1

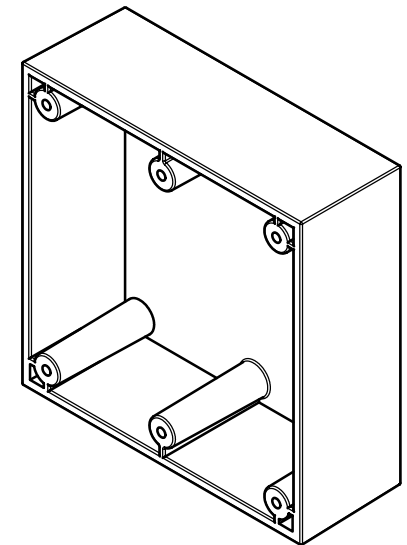
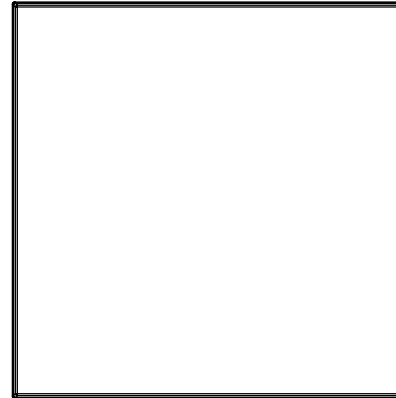


[4.10]
104.08

[4.10]
104.08



[1.46]
37.10



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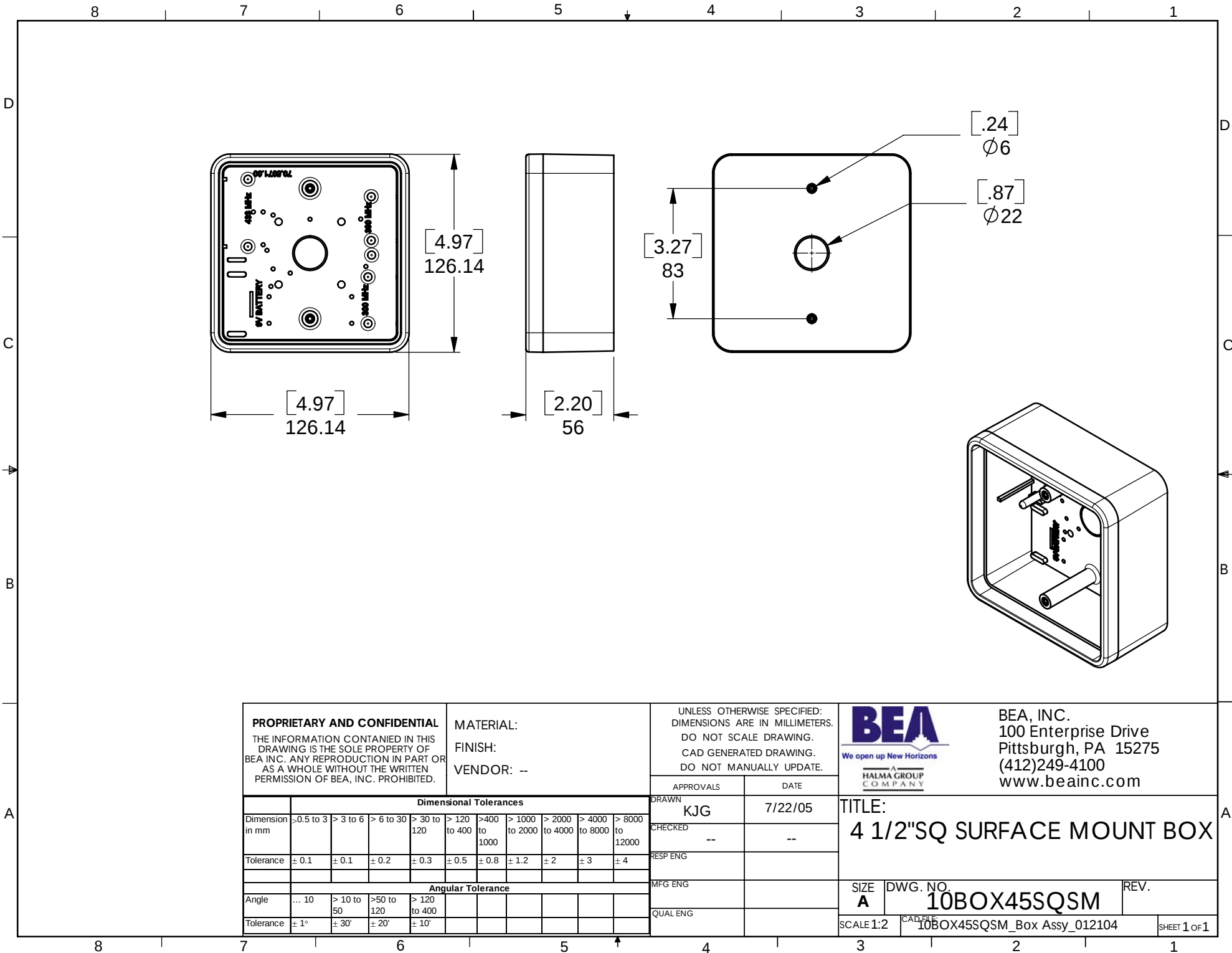


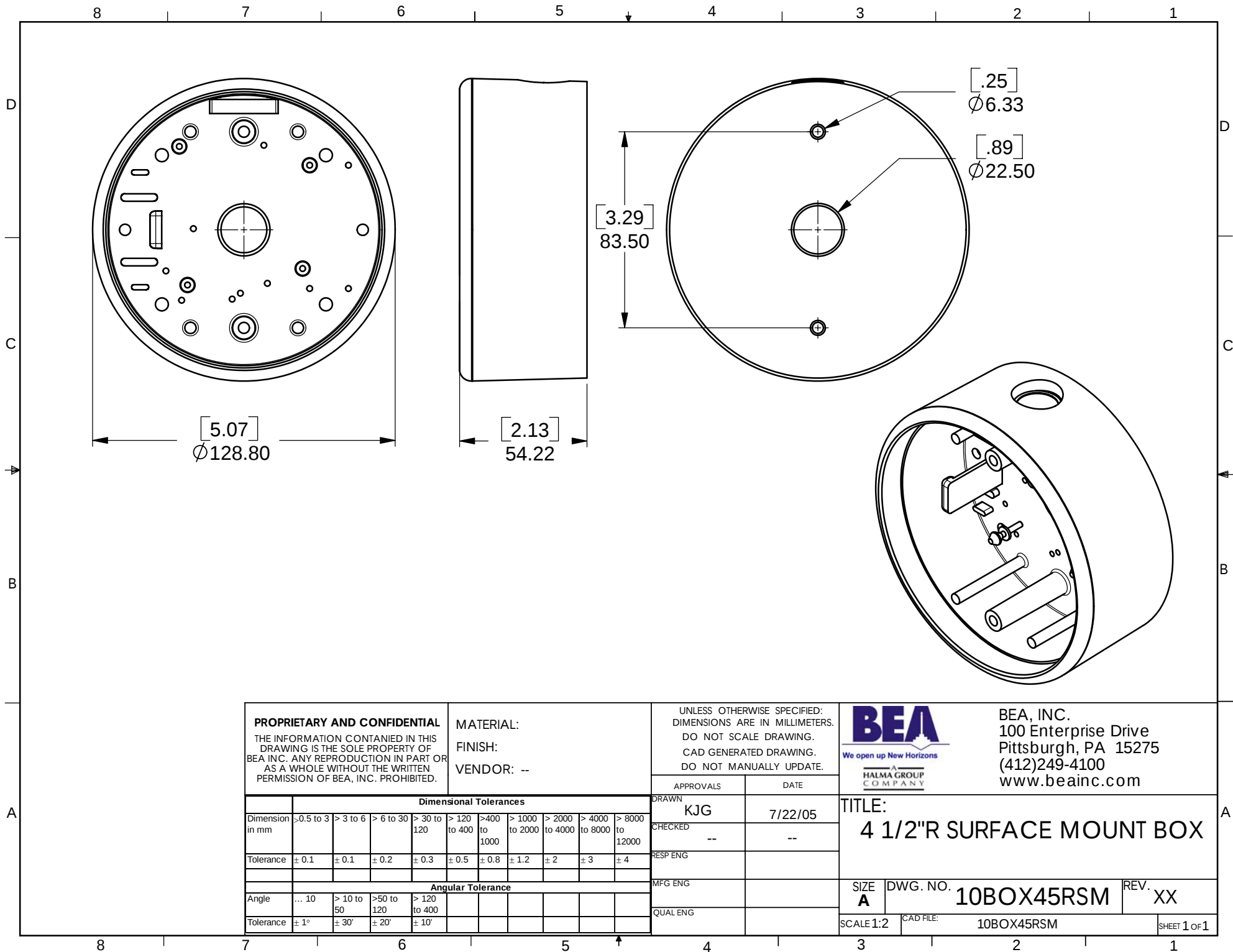
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(412)249-4100
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Dimensional Tolerances										
Dimension in mm	>0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	>400 to 1000	> 1000 to 2000	> 2000 to 4000	> 4000 to 8000	> 8000 to 12000
Tolerance	± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3	± 4
Angular Tolerance										
Angle	... 10	> 10 to 50	>50 to 120	> 120 to 400						
Tolerance	± 1°	± 30'	± 20'	± 10'						

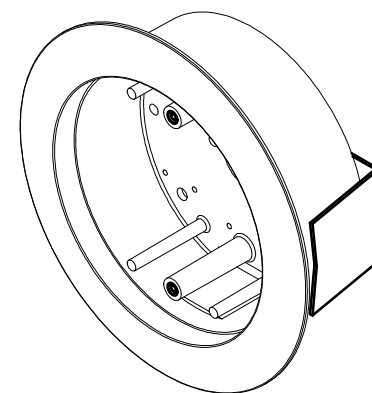
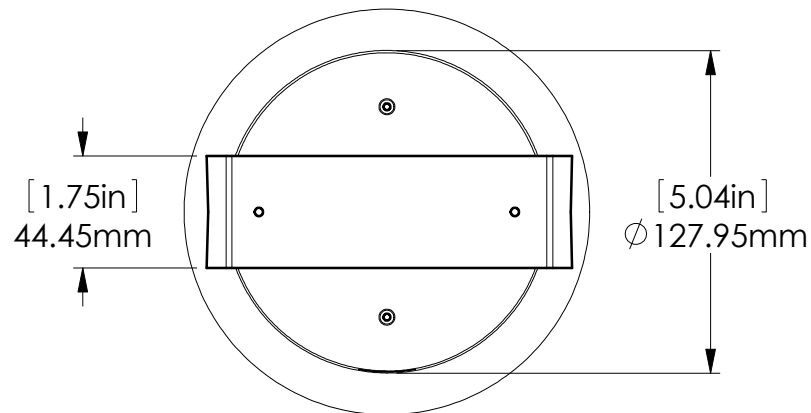
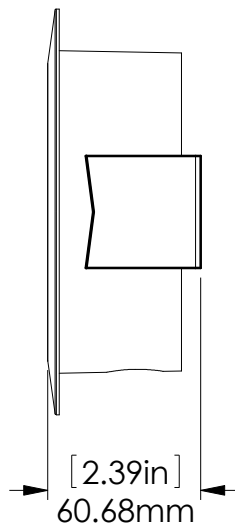
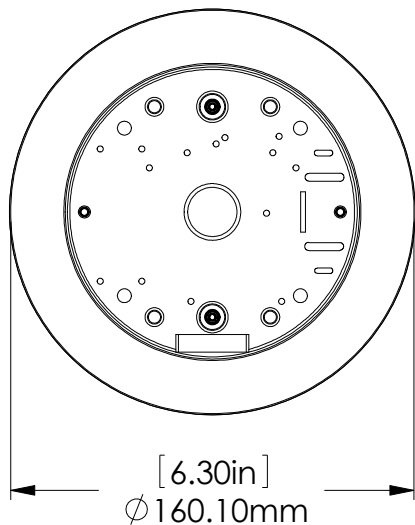
APPROVALS	DATE
DRAWN KJG	7/22/05
CHECKED --	--
RESP ENG	
MFG ENG	
QUAL ENG	

TITLE: 4X4 SURFACE MOUNT BOX		
SIZE A	DWG. NO. 10BOXDG4H	REV.
SCALE 1:2	CAD FILE 10BOXDG4H_Plastic_102704	SHEET 1 OF 1



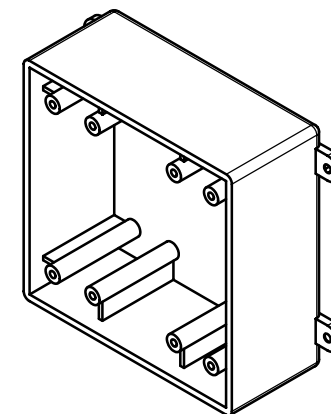
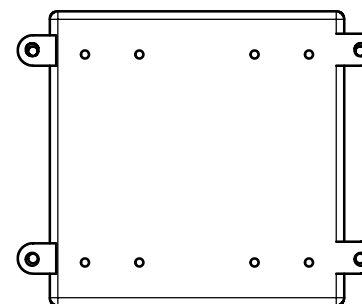
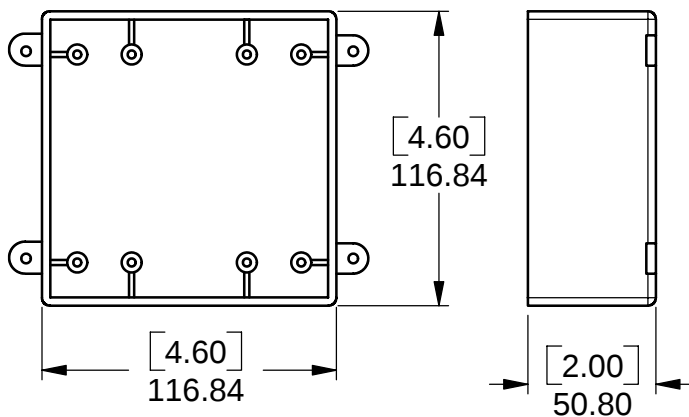


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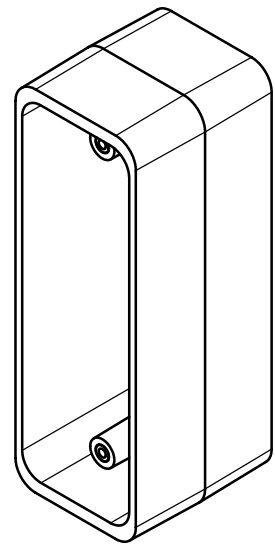
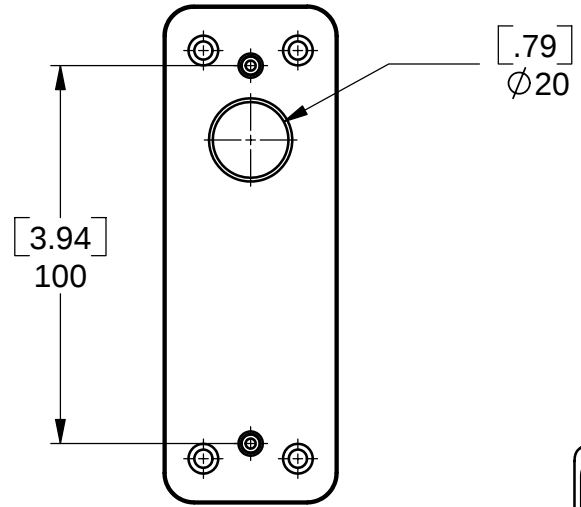
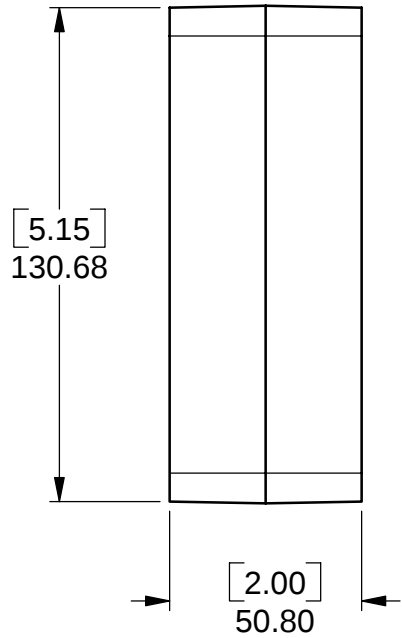
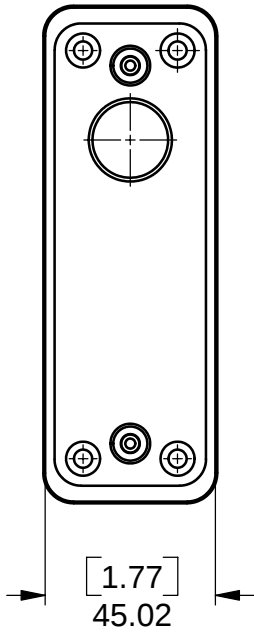


NOTE: THE RECOMMENDED DIAMETER OF THE CLEARANCE HOLE IN THE WALL IS 139.70mm [5.50in]

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<table><tr><th colspan="11">Dimensional Tolerances</th></tr><tr><td>Dimension in mm</td><td>>0.5 to 3</td><td>> 3 to 6</td><td>> 6 to 30</td><td>> 30 to 120</td><td>> 120 to 400</td><td>>400 to 1000</td><td>> 1000 to 2000</td><td>> 2000 to 4000</td><td>> 4000 to 8000</td><td>> 8000 to 12000</td></tr><tr><td>Tolerance</td><td>± 0.1</td><td>± 0.1</td><td>± 0.2</td><td>± 0.3</td><td>± 0.5</td><td>± 0.8</td><td>± 1.2</td><td>± 2</td><td>± 3</td><td>± 4</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><th colspan="11">Angular Tolerance</th></tr><tr><td>Angle</td><td>... 10</td><td>> 10 to 50</td><td>>50 to 120</td><td>> 120 to 400</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Tolerance</td><td>± 1°</td><td>± 30'</td><td>± 20'</td><td>± 10'</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											Dimensional Tolerances											Dimension in mm	>0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	>400 to 1000	> 1000 to 2000	> 2000 to 4000	> 4000 to 8000	> 8000 to 12000	Tolerance	± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3	± 4												Angular Tolerance											Angle	... 10	> 10 to 50	>50 to 120	> 120 to 400							Tolerance	± 1°	± 30'	± 20'	± 10'							APPROVALS											DATE											TITLE: 4 1/2"R FLUSH MOUNT BOX										
											Dimensional Tolerances																																																																																																													
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Dimensional Tolerances												APPROVALS DRAWN KJG		DATE 7/25/05		TITLE: SURFACE MOUNT 4X4 BOX					
Dimension in mm												CHECKED --		--							
Tolerance												RESP ENG		--							
Angle												MFG ENG		--							
Angular Tolerance												QUAL ENG		--		SIZE A		DWG. NO.		REV.	
Tolerance												SCALE 1:2		CAD FILE:		SHEET 1 OF 1					



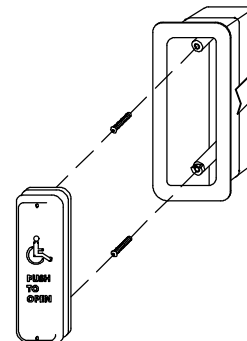
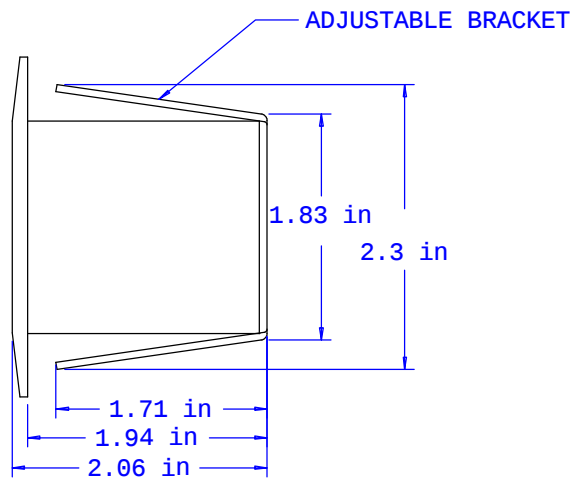
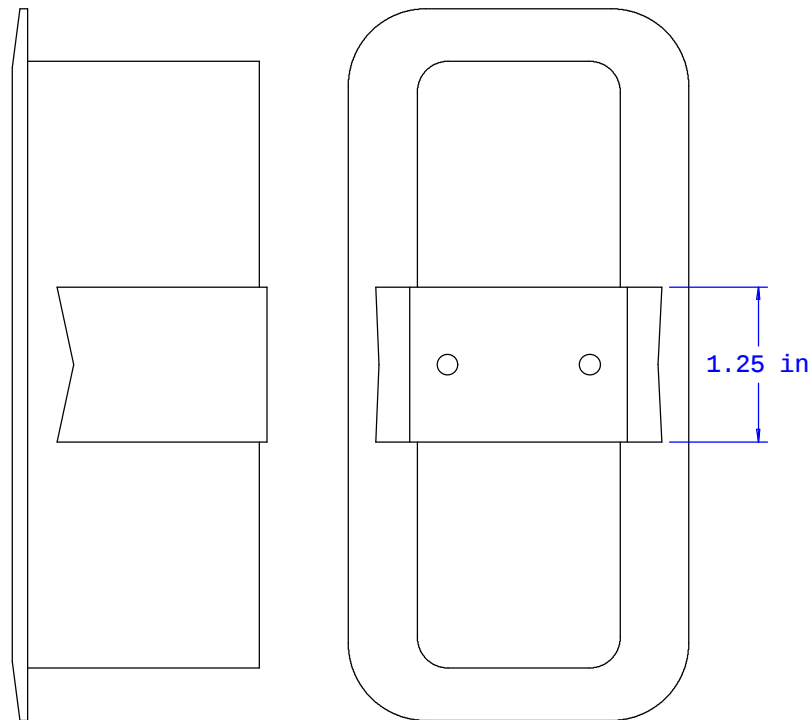
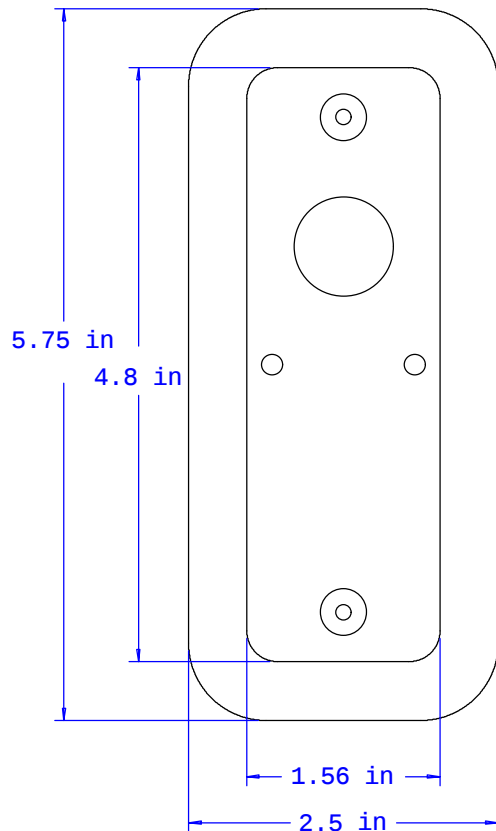
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Dimensional Tolerances										APPROVALS DRAWN KJG		DATE 7/22/05		TITLE: JAMB SURFACE MOUNT BOX					
Dimension in mm										CHECKED --		--							
Tolerance										RESP ENG		--							
Angle										MFG ENG		--							
Angular Tolerance										QUAL ENG		--		SIZE A		DWG. NO. 10BOXJAMBSM		REV. --	
Tolerance										SCALE 1:2		CAD FILE:		SHEET 1 OF 1					

4

3

2

1



TOLERANCES:
0.1 +/- 0.05
0.01 +/- 0.05
0.001 +/- 0.010

BEA B.E.A., Inc.
300 South Main Street Pittsburgh, PA 15215
PH: (412)782-5150 FAX: (412)782-5154

TITLE: 10BOXJAMBFM DETAIL

SIZE B	DWG NO	FILE OF: KJG	DRAWN BY: KJG	REV E
SCALE 1:1	DATE: 30 MAR 2001	SHEET		

4

3

2

1

