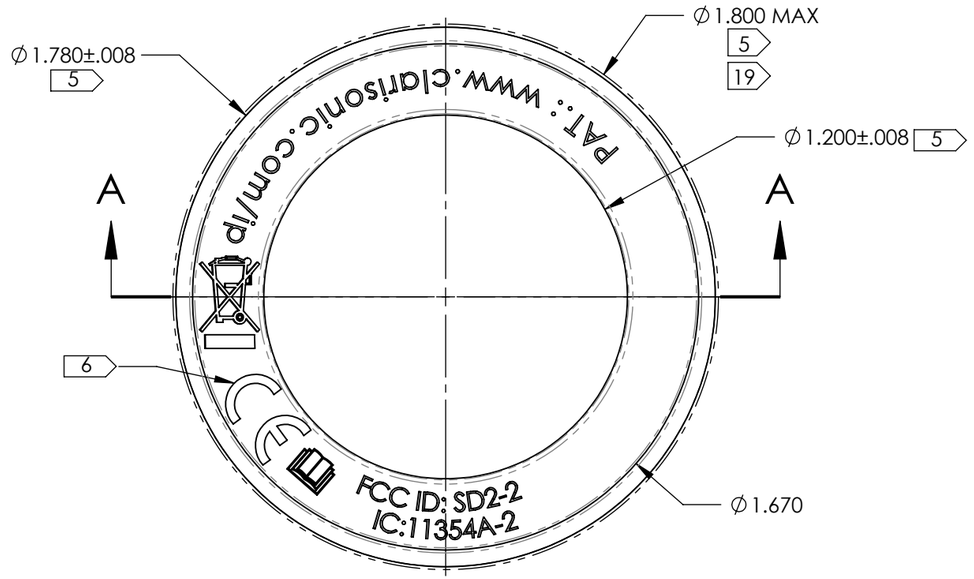
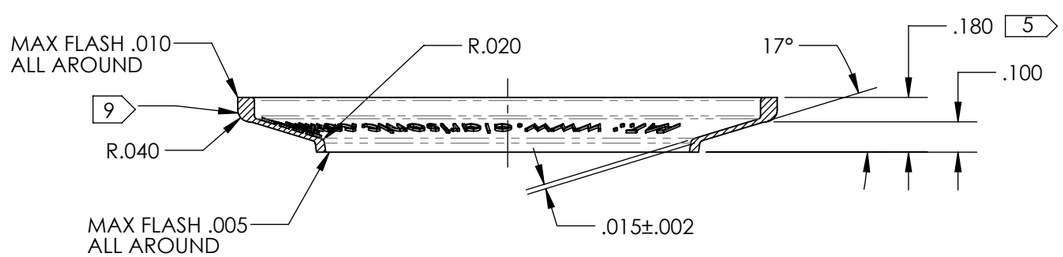
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: POLYPROPYLENE, RANDOM COPOLYMER, LYONDELL BASELL INDUSTRIES, PRO-FAX RP448S.
2. COLOR: GENERAL COLOR GPCX-3400 OPAQUE GRAY.
3. REFER TO CAD MODEL FOR UNSPECIFIED SHAPES, FEATURES, AND DRAFT ANGLES. UNLESS OTHERWISE SPECIFIED, ALL FEATURES TO BE WITHIN .005 OF CAD GEOMETRY.
4. EXTERIOR SURFACE TEXTURE: SPI B1 OR BETTER.
5. KEY CHARACTERISTIC.
6. SIZE, HEIGHT AND LOCATION OF "CE" MARK AND OTHER GRAPHICS ARE PER CAD MODEL FEATURE DESIGN.
7. ALL FILLET AND CORNER RADII SHOWN SHARP SHALL BE R.010 MAX EXCEPT AS NOTED.
8. NO REGRIND ALLOWED.
9. GATE LOCATION TO BE MUTUALLY AGREED UPON BY PBL ENGINEERING AND TOOLER. GATE LOCATION APPROX. WHERE SHOWN.
10. GATE VESTIGE: .005 MAX.
11. FLASH: .005 MAX.
12. EJECTOR PIN IMPRESSIONS +.000/-.003 ALLOWED ON THIS SIDE ONLY.
13. IDENTIFY EACH MOLD CAVITY USING A LETTER (ALPHA) AND NUMBER SUPPLIED BY PBL.
14. QUALITY REQUIREMENT: PBL DOCUMENT 70000 PBL GENERAL SUPPLIER REQUIREMENTS.
15. PART MUST MEET REQUIREMENTS FOR RoHS2, PAH(GERMANY) AND CA PROPOSITION 65.
16. COSMETIC REQUIREMENTS: PBL DOCUMENT 70014 ACCEPTANCE STANDARDS FOR COSMETIC DEFECTS.
17. GAGES AND FIXTURES USED FOR INSPECTION MUST BE APPROVED BY PBL ENGINEERING.
18. THE ITEMS DESCRIBED ON THIS DRAWING ARE APPROVED BY PBL CORPORATION, AN ALTERNATE DESIGN OR MATERIAL SHALL NOT BE USED WITHOUT PRIOR TESTING AND WRITTEN APPROVAL BY PBL ENGINEERING. REGULATORY CONTROLLED COMPONENT.
19. ENTIRE PERIMETER OF PART, INCLUDING FLASH, GATE VESTIGE, AND ANY OTHER PROTRUSIONS, MUST FALL WITHIN THIS DIAMETER.

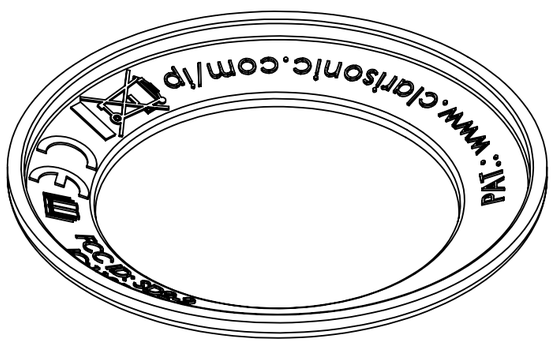
REVISIONS				
REV	DESCRIPTION	DATE	DRAWN	APPROVED
A	INITIAL RELEASE	12/01/2016	CW	JAD



TOP VIEW



SECTION A-A



ISOMETRIC VIEW

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS:
.XX ± .03
.XXX ± .005
.XXXX ± .0010
ANGLES: ± 2°
FRACTIONS: ± 1/32

APPROVALS	DATE
DRAWN J. DUNCAN	12/1/2016
CHECKED J. ELLISON	12/1/2016
ENG APPR. J. DUNCAN	12/1/2016
DO NOT SCALE DRAWING	
INTERPRET PER ASME Y-14.5-2009	

PACIFIC BIOSCIENCE LABS INC.
17275 NE 67th CT, Redmond, Wa 98052 (425)-285-4000

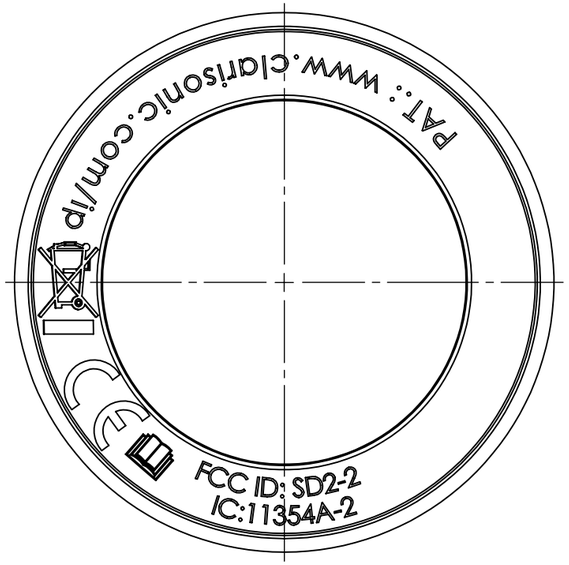
TITLE: BRUSH RING, SMART PROFILE, NO LOBES, BLUE TOOTH, GLOBAL

SIZE	DWG. NO.	REV
B	5000641	A

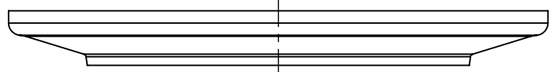
SCALE: 2:1 | SHEET 1 OF 2

3 MODEL FILE REF: 5000641 Brush Ring, Smart Profile, No Lobes, Bluetooth, Global <0002>

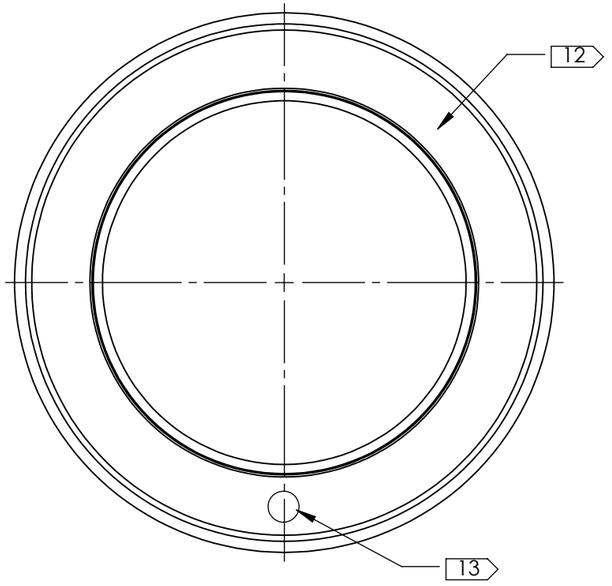
DWG FILE NAME: 5000641 BRUSH RING, SMART PROFILE, NO LOBES, BLUETOOTH GLOBAL



TOP VIEW



FRONT VIEW



BOTTOM VIEW

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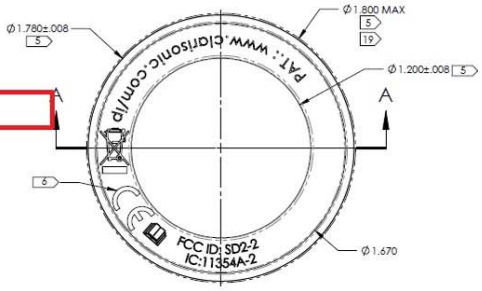
PACIFIC BIOSCIENCE LABS INC.
17275 NE 67th CT, Redmond, Wa 98052 (425)-285-4000

DRAWN J. DUNCAN	12/1/2016	SIZE B	DWG. NO. 5000641	REV A
CHECKED J. ELLISON	12/1/2016	SCALE: 2:1		SHEET 2 OF 2

The Label is readily visible to the purchaser at the time of purchase.



TOP VIEW

clarisonic

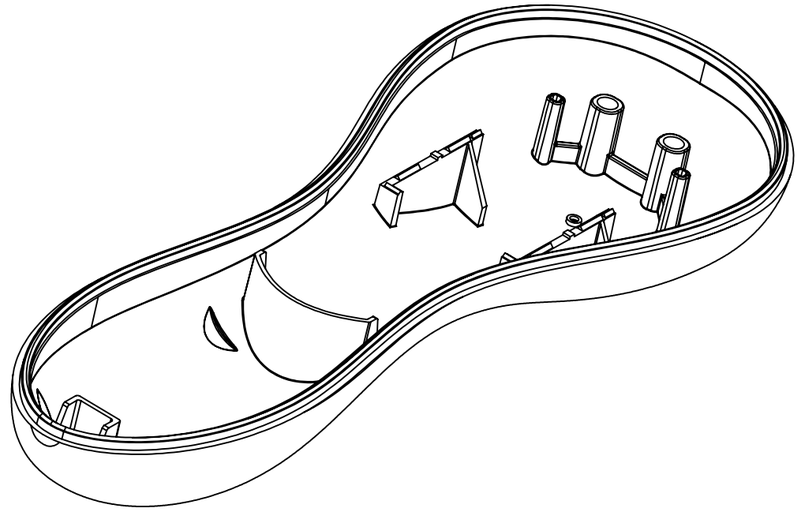
SMART PROFILE

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: CHI MEI POLYLAC PA-757 ABS, 300 HRS (0.4% BY WEIGHT) UV STABILITY PACKAGE MIN FLAMMABILITY: MIN HB WITH HA1 OF 1, (UL. FILE NO. E56070), SEE SPECIFICATION 5000640-101 FOR MATERIAL COMPOUND COLORS AND ARTWORK.
2. REFER TO CAD MODEL FOR UNSPECIFIED SHAPES, FEATURES, AND DRAFT ANGLES. ALL UNSPECIFIED DIMENSIONS TO MATCH REFERENCE MODEL SHAPES +/- .005.
3. EXTERIOR SURFACE TEXTURE: SPI A2 POLISH TYPICAL.
4. LOGO TO BE PAD PRINTED, REFERENCE ARTWORK:

   5000672 - ARTWORK HANDLE BACK, SMART PROFILE, BLUE TOOTH
5. DATUMS "A" AND "C" ARE COINCIDENT FOR PARTS 5000519 HANDLE FRONT AND 5000640 HANDLE BACK. THE OUTER EDGE PROFILE TO BE MATCHED WITH PBL CORP. P/N 5000519 DURING MOLD CONSTRUCTION IN ORDER TO PROVIDE PROPER ALIGNMENT OF MATING PARTS.
6. KEY CHARACTERISTIC.
7. ALL FILLET AND CORNER RADII SHOWN SHARP SHALL BE R.010 MAX., EXCEPT AS NOTED.
8. MAXIMUM ALLOWABLE FLASH +.005 TYPICAL.
9. NO REGRIND ALLOWED
10. GATE LOCATION AND VESTIGE HEIGHT TO BE MUTUALLY AGREED UPON BY PBL AND TOOLER.
11. GATE VESTIGE IN THIS AREA NOT TO EXCEED .005.
12. EJECTOR PIN IMPRESSIONS ALLOWED ON THIS SIDE ONLY. EJECTOR PIN IMPRESSIONS +/- .003 ALLOWED.
13. IDENTIFY EACH MOLD CAVITY USING A LETTER (ALPHA) AND NUMBER SUPPLIED BY PBL ENGINEERING.
14. THIS DIMENSION IS MEASURED ACROSS POINT A AND B AS SHOWN.
15. QUALITY REQUIREMENT: PBL DOCUMENT - 70000 PBL GENERAL SUPPLIER REQUIREMENTS.
16. PART MUST MEET REQUIREMENTS FOR RoHS2, PAH(GERMANY) AND CA PROPOSITION 65.
17. COSMETIC REQUIREMENTS: PBL DOCUMENT - 70014 ACCEPTANCE STANDARDS FOR COSMETIC DEFECTS.
18. GAGES AND FIXTURES USED FOR INSPECTION MUST BE APPROVED BY PBL ENGINEERING.
19. THE ITEMS DESCRIBED ON THIS DRAWING ARE APPROVED BY PBL CORPORATION, AN ALTERNATE DESIGN OR MATERIAL SHALL NOT BE USED WITHOUT PRIOR TESTING AND WRITTEN APPROVAL BY PBL ENGINEERING.

REVISIONS				
REV	DESCRIPTION	DATE	DRAWN	APPROVED
A	INITIAL RELEASE	01/04/2017	CW	JD
B	CORRECT NOTE 6 PART NUMBERS	1/19/2017	CW	JD



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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS:
.XX ± .03
.XXX ± .005
.XXXX ± .0010
ANGLES: ± 2°
FRACTIONS: ± 1/32

APPROVALS	DATE
DRAWN C.WAREHIME	10/25/2016
CHECKED J.DUNCAN	10/25/2016
ENG APPR. B.BRYANT	10/25/2016
DO NOT SCALE DRAWING	
INTERPRET PER ASME Y-14.5-2009	

PACIFIC BIOSCIENCE LABS INC.
17275 NE 67th CT, Redmond, Wa 98052 (425)-285-4000

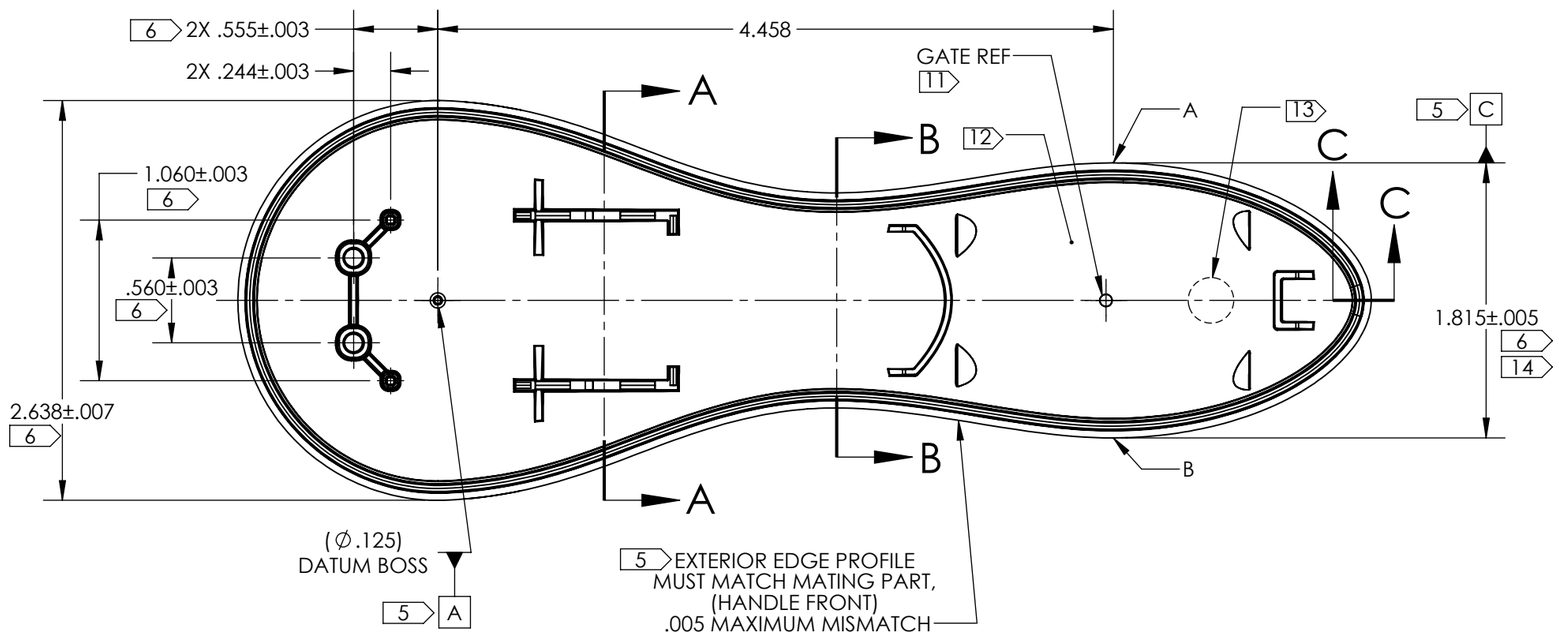
TITLE: HANDLE BACK, SMART PROFILE, BLUE TOOTH

SIZE	DWG. NO.	REV
B	5000640	B

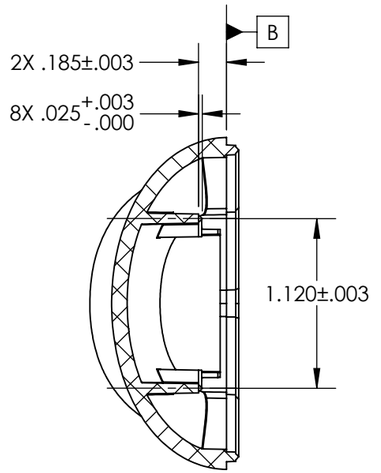
SCALE: 1:1 | SHEET 1 OF 4

2 MODEL FILE REF: 5000640 Handle Back, Smart Profile, Blue Tooth <0003>

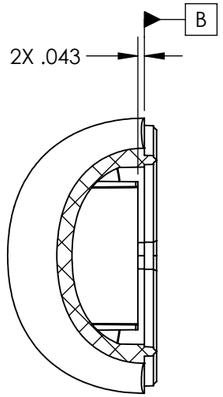
DWG FILE NAME: 5000640 HANDLE BACK, SMART PROFILE, BLUE TOOTH



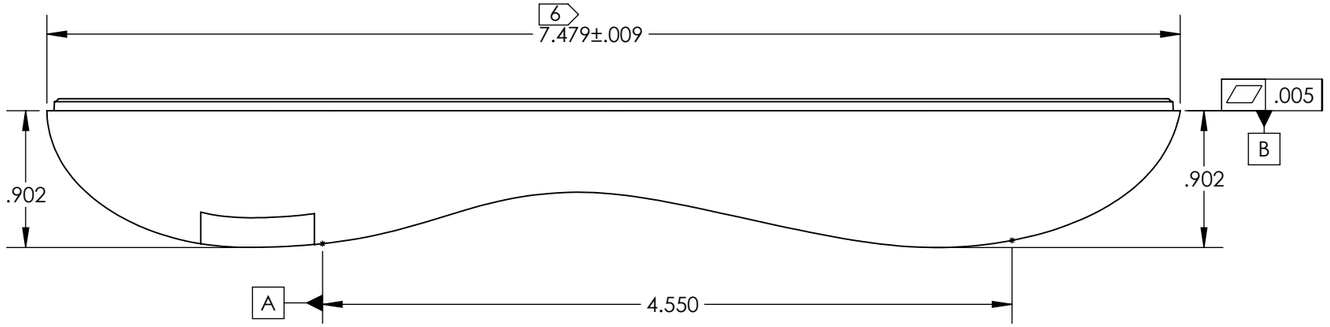
TOP VIEW



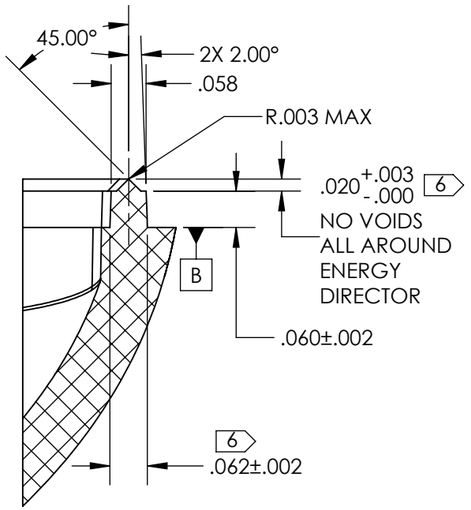
SECTION A-A



SECTION B-B



FRONT VIEW



SECTION C-C
SCALE 4 : 1
ALL AROUND

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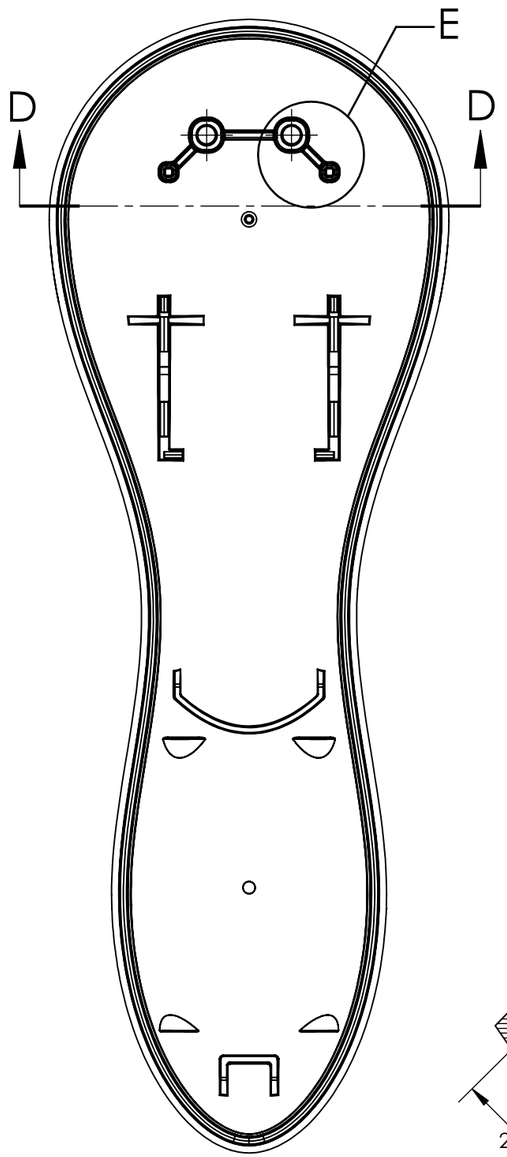
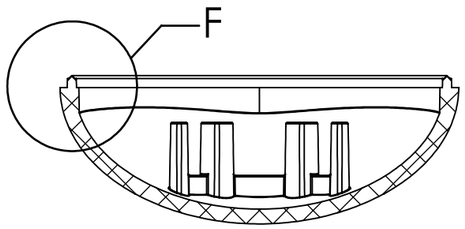
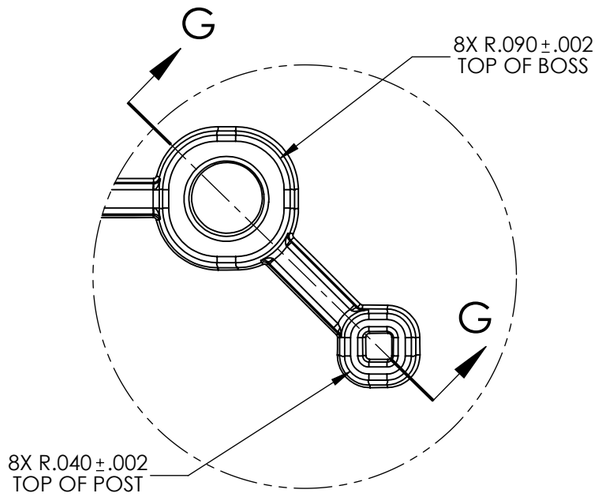
DRAWN C.WAREHIME	10/25/2016	SIZE B	DWG. NO. 5000640	REV B
CHECKED J.DUNCAN	10/25/2016	SCALE: 1:1		SHEET 2 OF 4



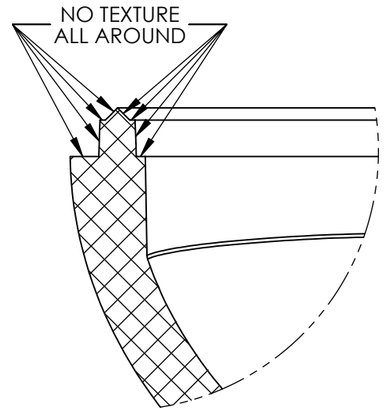
TOP VIEW



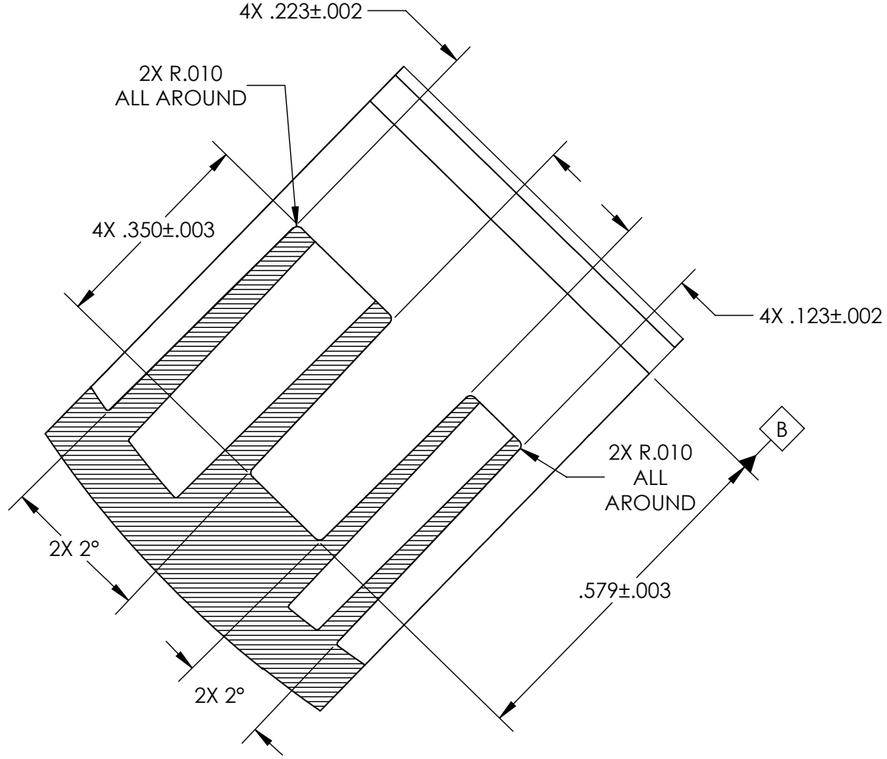
SECTION D-D



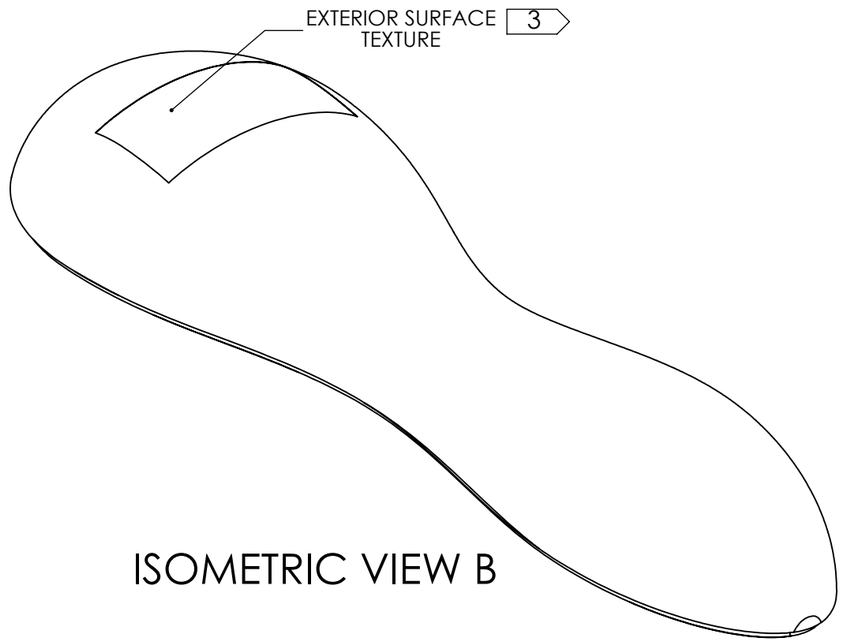
DETAIL E
SCALE 4 : 1
2X



DETAIL F
SCALE 4 : 1



SECTION G-G
SCALE 4 : 1



ISOMETRIC VIEW B

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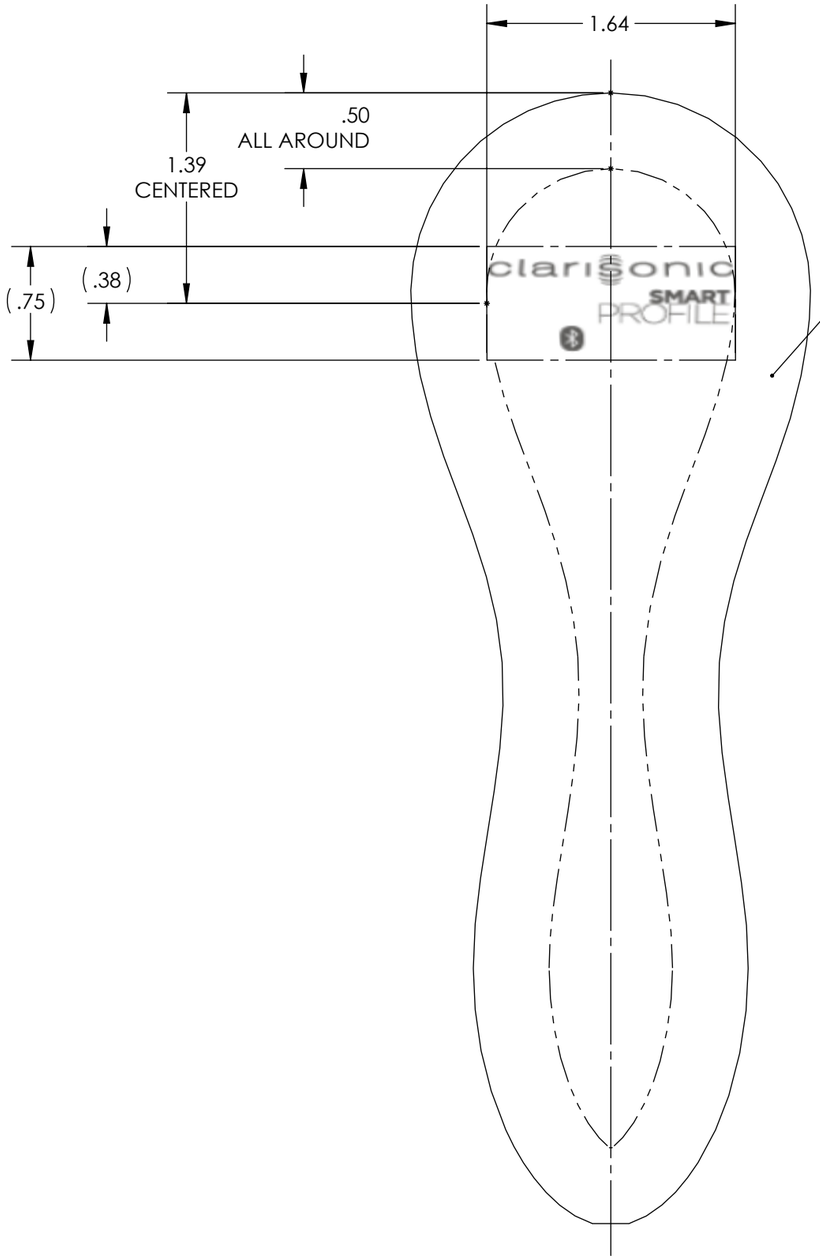
17275 NE 67th CT, Redmond, Wa 98052 (425)-285-4000

DRAWN C.WAREHIME	10/25/2016	SIZE B	DWG. NO. 5000640	REV B
CHECKED J.DUNCAN	10/25/2016	SCALE: 1:1		SHEET 3 OF 4

GRAPHIC PLACEMENT

1 4 **REFERENCE IMAGE**



PAD PRINTING KEEP OUT ZONE.
AREA WHERE PAD PRINTING IS NOT POSSIBLE.

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PACIFIC BIOSCIENCE LABS INC.
17275 NE 67th CT, Redmond, Wa 98052 (425)-285-4000

DRAWN C.WAREHIME	10/25/2016	SIZE B	DWG. NO. 5000640	REV B
CHECKED J.DUNCAN	10/25/2016	SCALE: 2:2		SHEET 4 OF 4