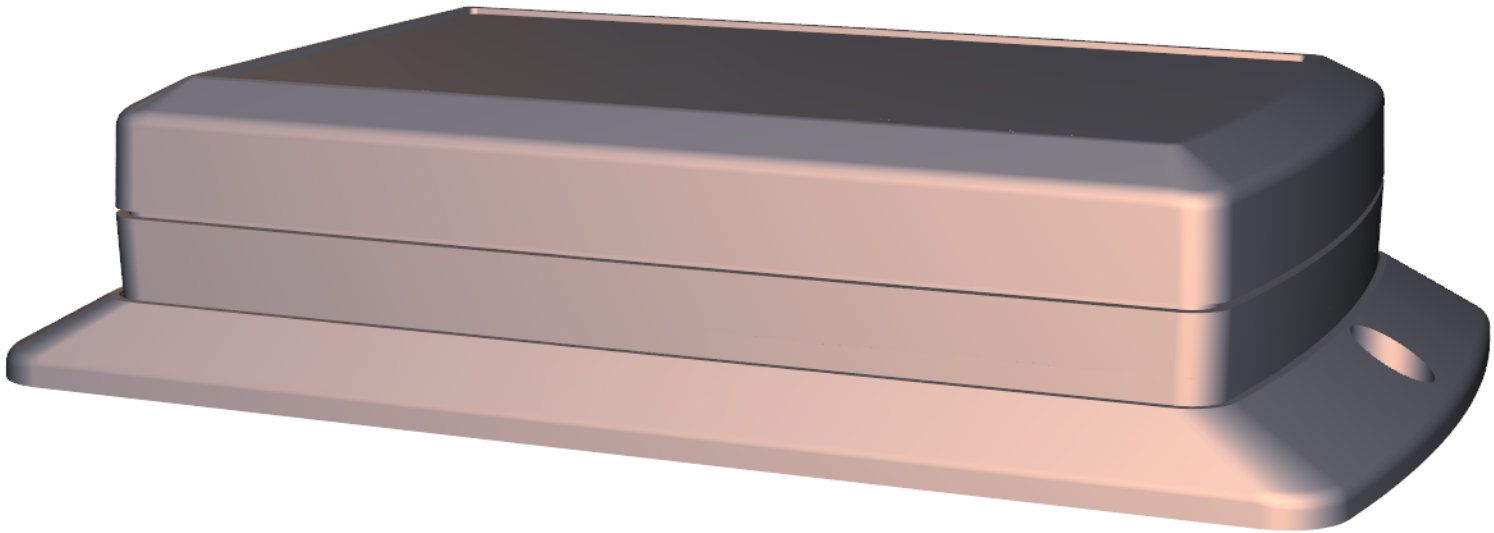

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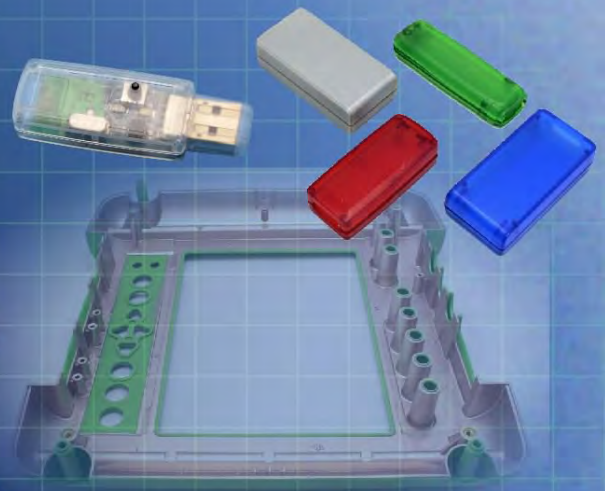

nqa. AS9100 Registered

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off-the-shelf
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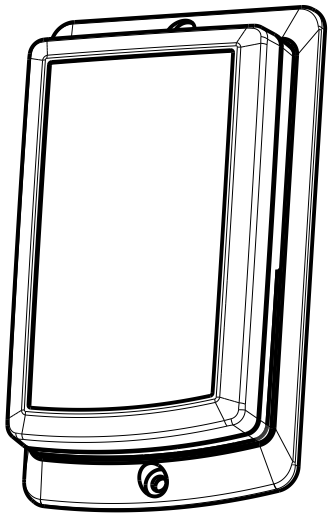
NAE Cover H8 Boyer

## NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
3. INTERIOR SURFACE TEXTURE: NONE.
4. ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
5. ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE LARGE END OF THE FEATURE, AND ALL INTERNAL FEATURES AFFECTED BY THE DRAFT APPLY AT THE SMALL END OF THE FEATURE UNLESS OTHERWISE SPECIFIED.
6. 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISED SPECIFIED.
7. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS MAY BE AVAILABLE UPON REQUEST FOR QUOTE.
8. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF EACH OEM.
9. CUSTOM LABEL RECESSES MAY BE AVAILABLE UPON REQUEST FOR QUOTE.
10. ASSEMBLY SCREWS PROVIDED. PCB SCREWS AND BATTERY CONTACTS SOLD SEPERATELY.
11. ANY SPECIFIC DIMENSIONS NOT PROVIDED HERE CAN BE OBTAINED FROM OUR SOLID MODELS (.STEP), AVAILABLE AT OUR WEBSITE. MODIFIED CUSTOMER MODELS ARE AVAILABLE UPON REQUEST.

| REVISION | | | | | |
|---|---|---|---|---|---|
| REV. | DRAWN BY | ECO No | DESCRIPTION | DATE | APPROVED |
| 1 | M BOYER | --- | RELEASE | 27-Jun-09 | D.C. |
| 3 | M BOYER | 3109 | CONSOLIDATE ALL 442710 CONFIG INTO ONE DOCUMENT | 05-Sep-09 | D.C. |
| 4 | M BOYER | 3809 | INCREASE HATCH RELIEF TOLERANCE | 27-Oct-09 | D.C. |
| 4.1 | M BOYER | 0710 | UPDATE FORMAT | 26-Mar-10 | |
| | | | | | |



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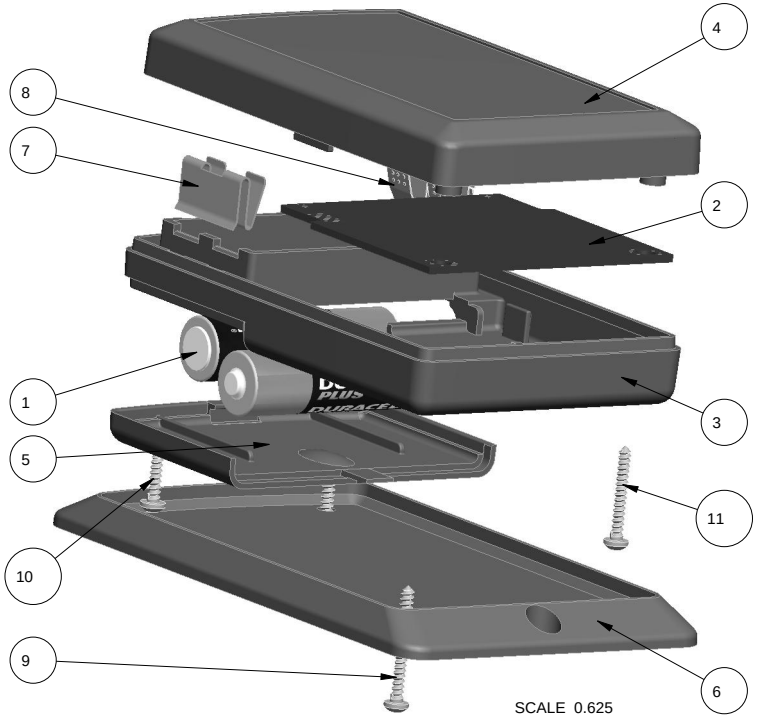


SCALE 0.625

| S442710(x) CONFIGURATIONS | | | | |
|---|---|---|---|---|
| | -Blank | -WE | -WP | -LCD |
| S442710 COVER | 1 | 1 | | |
| S442710 COVER W/ LCD CUTOUT | | | | 1 |
| S442710 BATTERY BASE | 1 | 1 | | 1 |
| S442710 WALL BASE | | 1 | 1 | |
| S442710 HATCH | 1 | 1 | | 1 |
| #4 HiLo SCREW 1.00" | | 1 | 1 | |
| #4 HiLo SCREW .750" | 2 | 1 | | 2 |
| #4 HiLo SCREW .500" | 2 | 2 | | 2 |
| SINGLE AA CLIP | 2* | 2* | | 2* |
| DOUBLE AA CLIP | 1* | 1* | | 1* |

* = SOLD SEPERATELY

| ITEM | FILE NAME | DESCRIPTION | MATERIAL | COLOR | QTY. |
|---|---|---|---|---|---|
| 11 | NO_4_750_SCREW | HiLo4 x 3/4" | S-HiLo x 3/4" | ZINC PLATED | 1 |
| 10 | NO_4_500_SCREW | HiLo4 x 1/2" | S-HiLo x 1/2" | ZINC PLATED | 1 |
| 9 | NO_4_1000_SCREW | HiLo4 x 1" | S-HiLo x 1.0" | ZINC PLATED | 2 |
| 8 | SM_CLIP | PartNo: 209 | SINGLE AA | NICKEL PLATED | 2 |
| 7 | LG_CLIP | PartNo:210 | DOUBLE AA | NICKEL PLATED | 1 |
| 6 | 442710-WALL | S442710 WALL - STANDARD | ABS | BLACK or WHITE | 1 |
| 5 | 442710-HATCH | S442710WE HATCH - STANDARD | ABS | BLACK or WHITE | 1 |
| 4 | 442710-COVER | S442710 COVER - STANDARD | ABS | BLACK or WHITE | 1 |
| 3 | 442710-BASE | S442710 BASE - STANDARD | ABS | BLACK or WHITE | 1 |
| 2 | 442710-PCB | REFERENCE ONLY | CUSTOMER SUPPLIED | .062" THICK | 1 |
| 1 | AA_BATTERY | REFERENCE ONLY | CUSTOMER SUPPLIED | - | 2 |

BILL OF MATERIALS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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X.XX = .015 X.XXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 442710

| APPROVAL | BY | DATE |
|---|---|---|
| CHECK | | |
| ENG. | | |
| SCALE | | |
| DRAWN BY | M BOYER | 27-Jun-09 |

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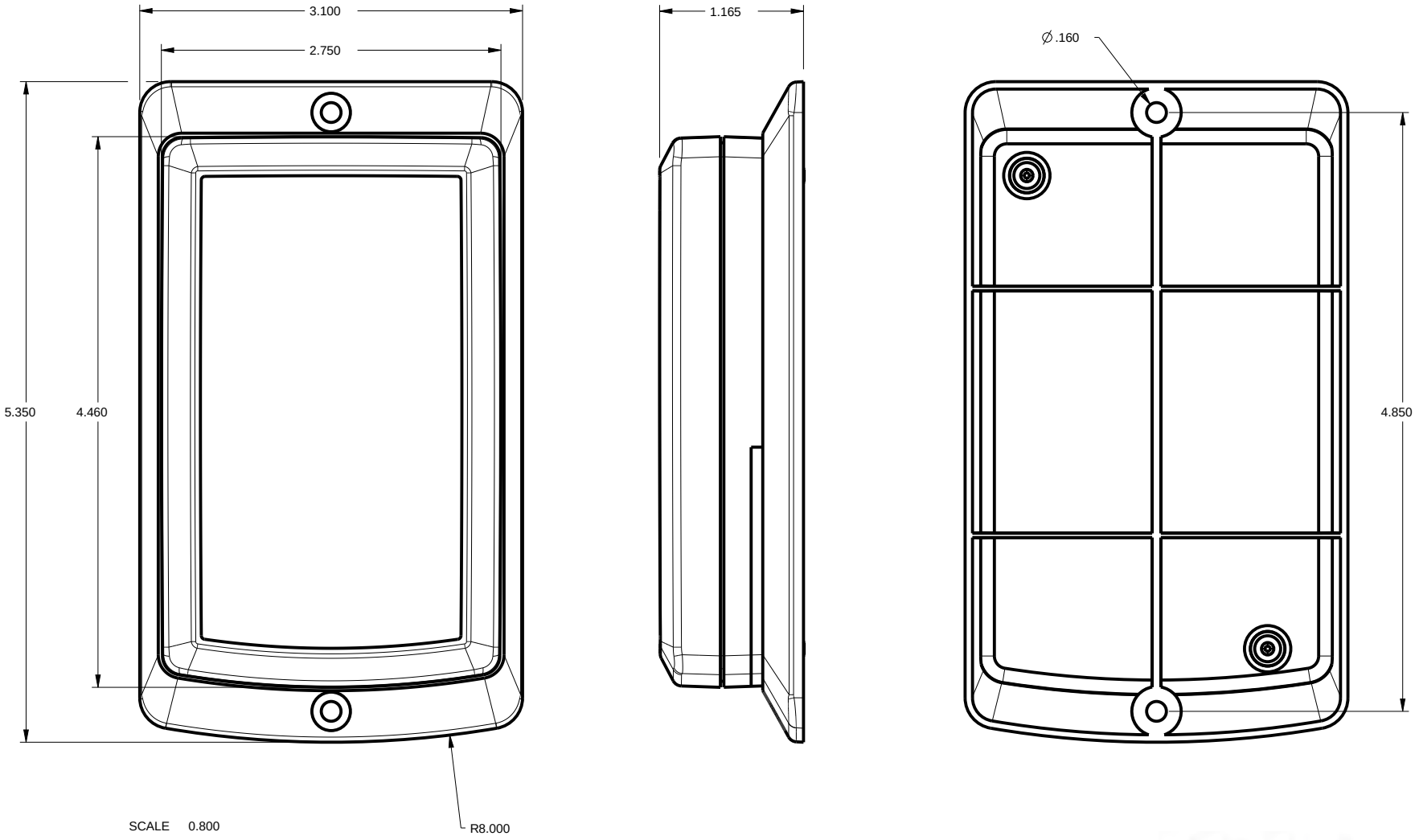
# MED. HANDHELD/WALL UTIL. SXX-442710X ASSEMBLY

| SIZE | DRAWING NAME | SHEET | REV.DOC |
|---|---|---|---|
| A | 442710X_R4_1 | 1 OF 11 | 4.1 |




SCALE 0.800

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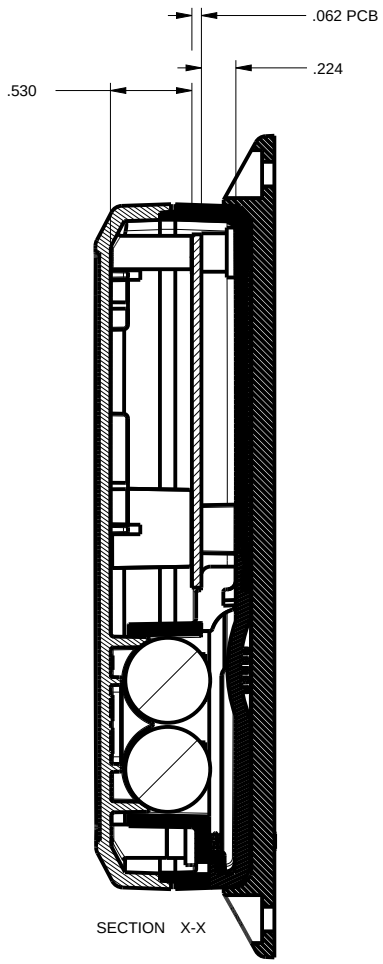
| Customer's Part No: 442710 | | | |
| APPROVAL / BY / DATE | | | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY: M BOYER 27-Jun-09 | SIZE: A | DRAWING NAME: 442710X_R4_1 | SHEET: 2 OF 11 / REV.DOC: 4.1 |

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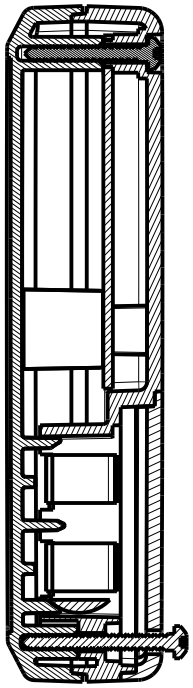

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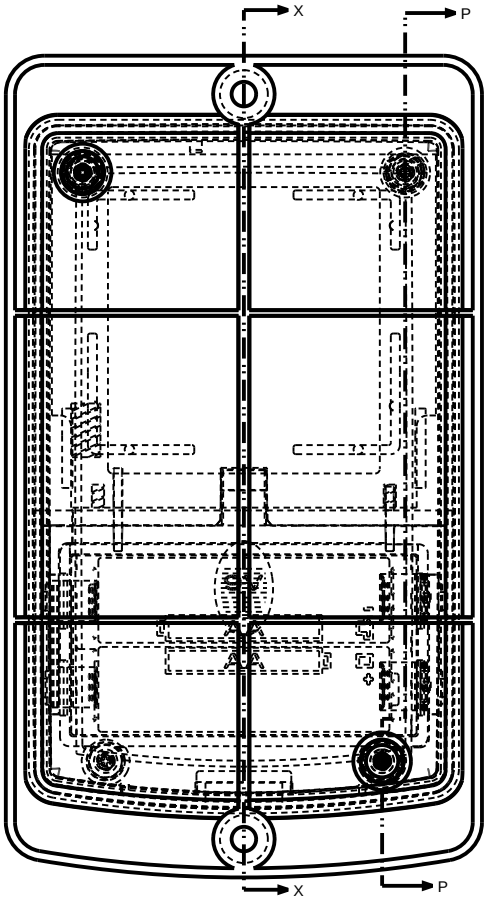


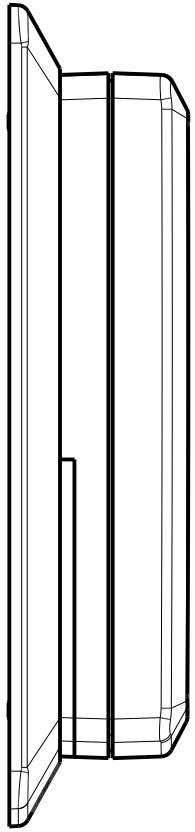

SCALE 0.800

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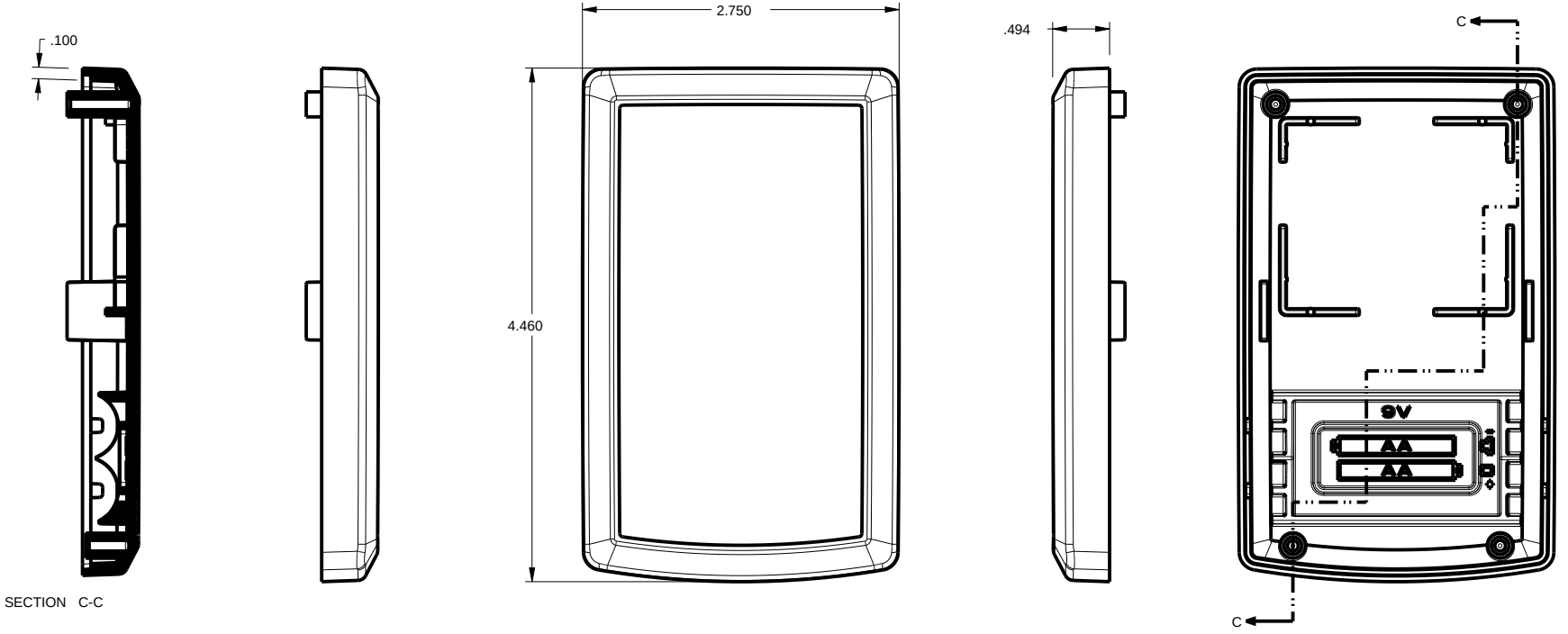
| APPROVAL | BY DATE | | | | |
| CHECK | | | | | |
| ENG. | | | | | |
| SCALE | | | | | |
| DRAWN BY M BOYER 27-Jun-09 | | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 3 OF 11 | REV.DOC 4.1 |

# 442710 COVER




SECTION C-C

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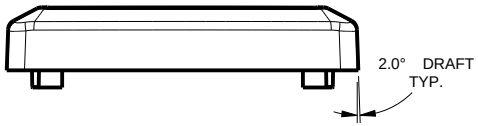


SPECIFIC GEOMETRIC DATA CAN BE OBTAINED FROM THE CAD MODEL AND DOWNLOADED VIA OUR WESITE. ALTERNATE FORMS OF CAD INFORMATION ARE AVAILABLE UPON REQUEST.

| | | | |
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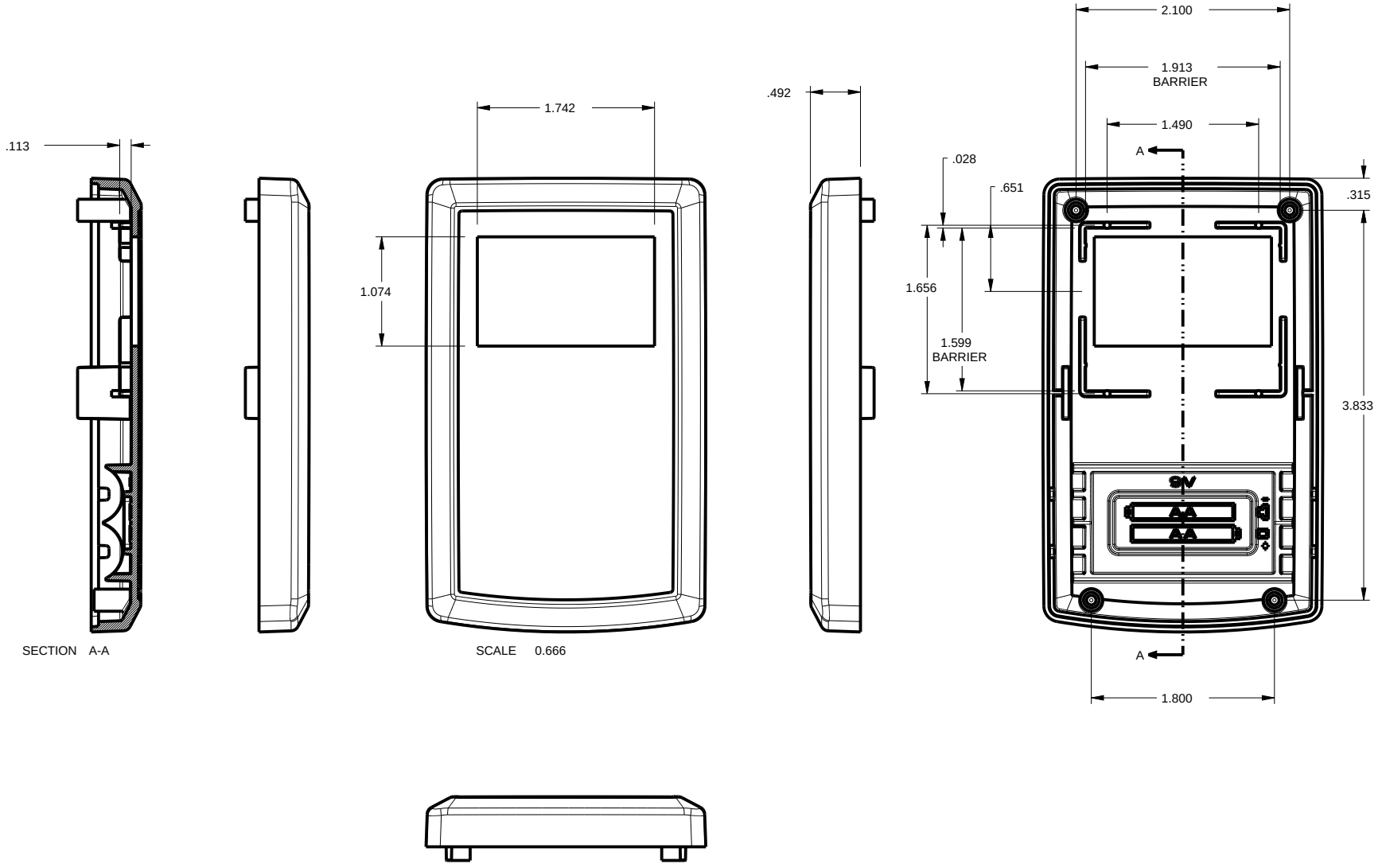
| APPROVAL | BY DATE | | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 4 OF 11 / REV.DOC 4.1 |

# 442710 COVER w/ LCD




SECTION A-A

SCALE 0.666

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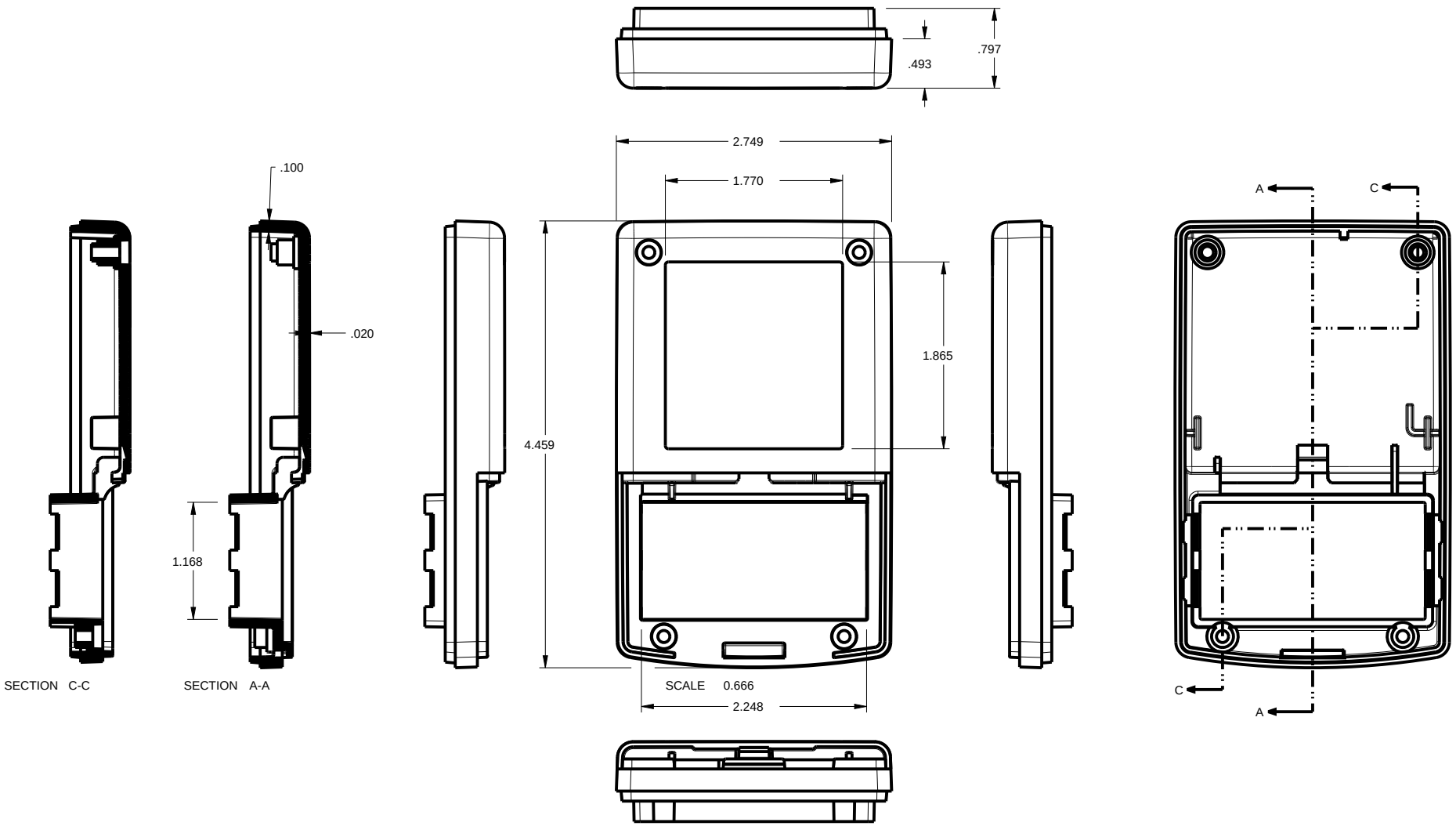
| APPROVAL | BY DATE | | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 5 OF 11 / REV.DOC 4.1 |

# 442710 BASE

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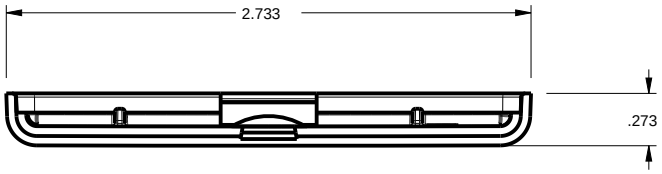
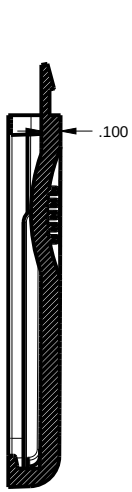
| APPROVAL | BY | DATE | | | |
| CHECK | | | | | |
| ENG. | | | | | |
| SCALE | | | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 6 OF 11 | REV.DOC 4.1 | |

# 442710 HATCH

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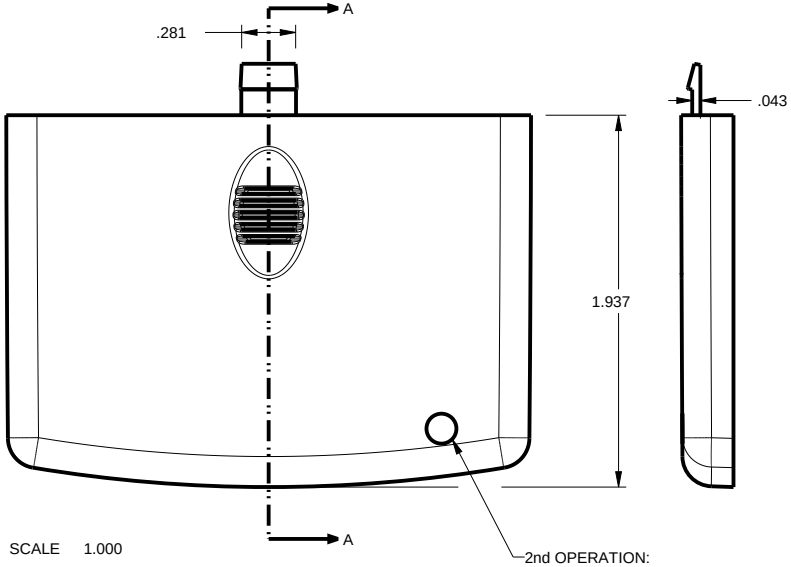
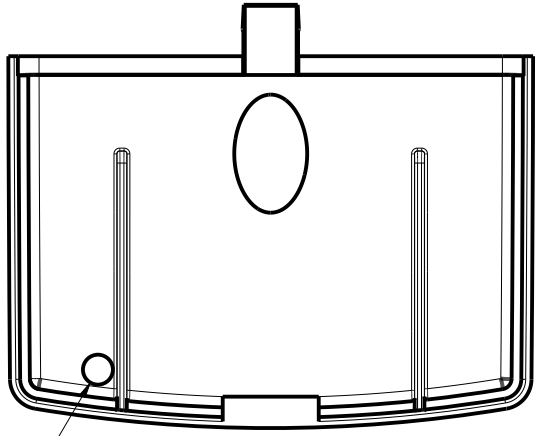


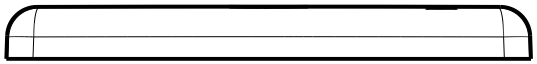

SCALE 1.000




2nd OPERATION:
CLEARANCE FOR ATTACHMENT
OF WALL PLATE (S442710WE)



∅.156



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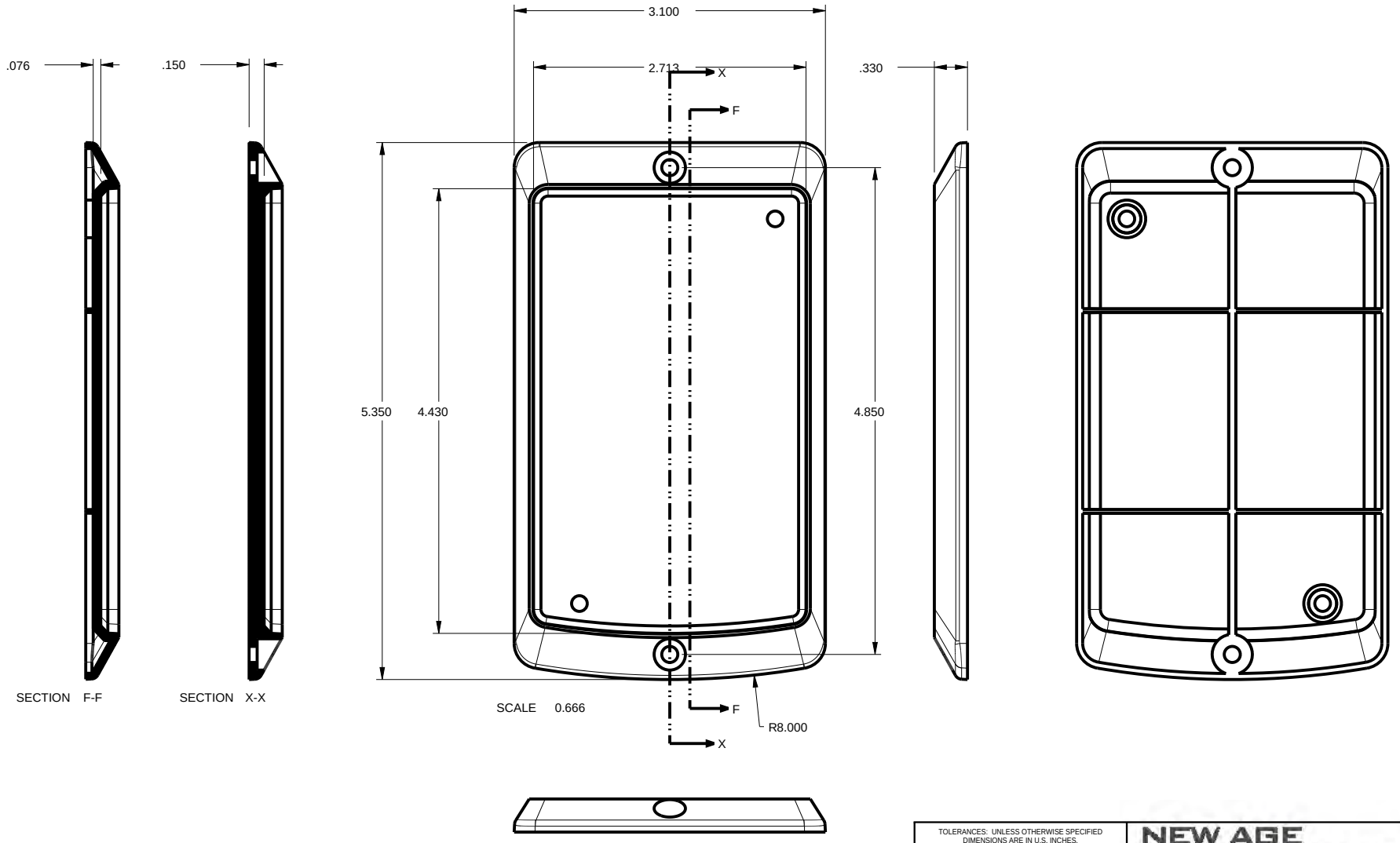
| APPROVAL | BY DATE | MED. HANDHELD/WALL UTIL. SXX-442710X ASSEMBLY | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY M BOYER 27-Jun-09 | | SIZE A / DRAWING NAME 442710X_R4_1 | SHEET 7 OF 11 / REV.DOC 4.1 |

# 442710 WALL PLATE




| | | | |
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| APPROVAL | BY DATE | | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 8 OF 11 / REV.DOC 4.1 |

# S442710 PCB - CUSTOMER SUPPLIED

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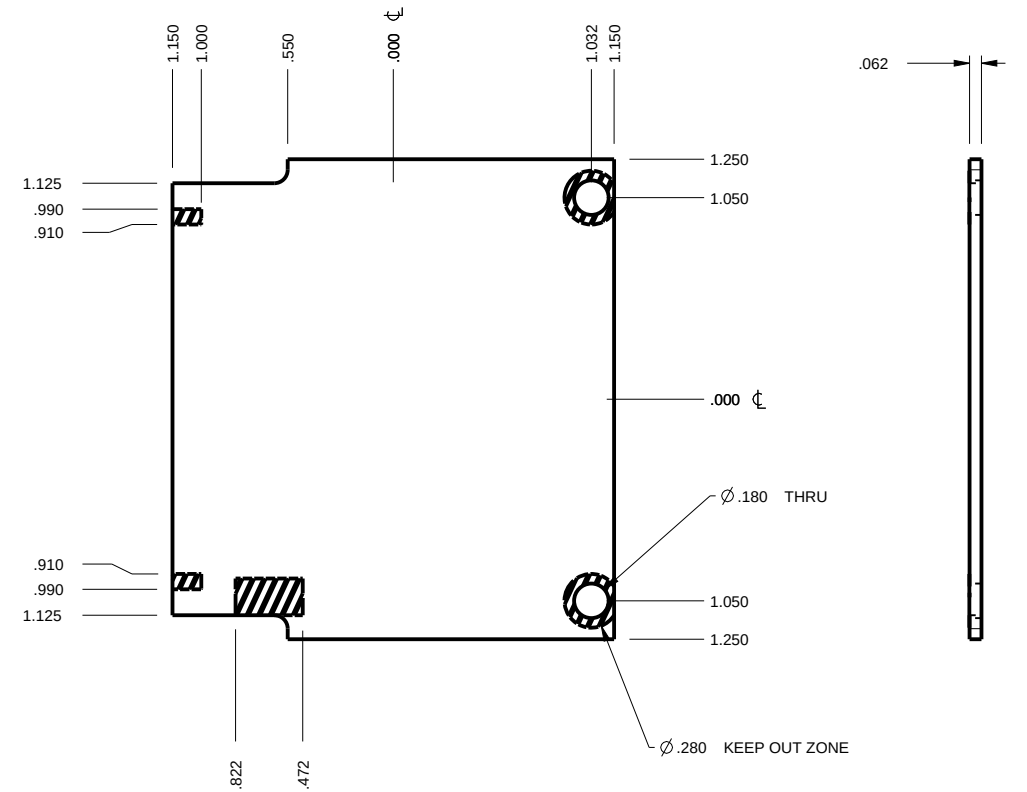
SIZES AND VERIFICATION OF IT'S FIT ARE THE
SOLE RESPONSIBILITY OF THE OEM.




SCALE 1.000

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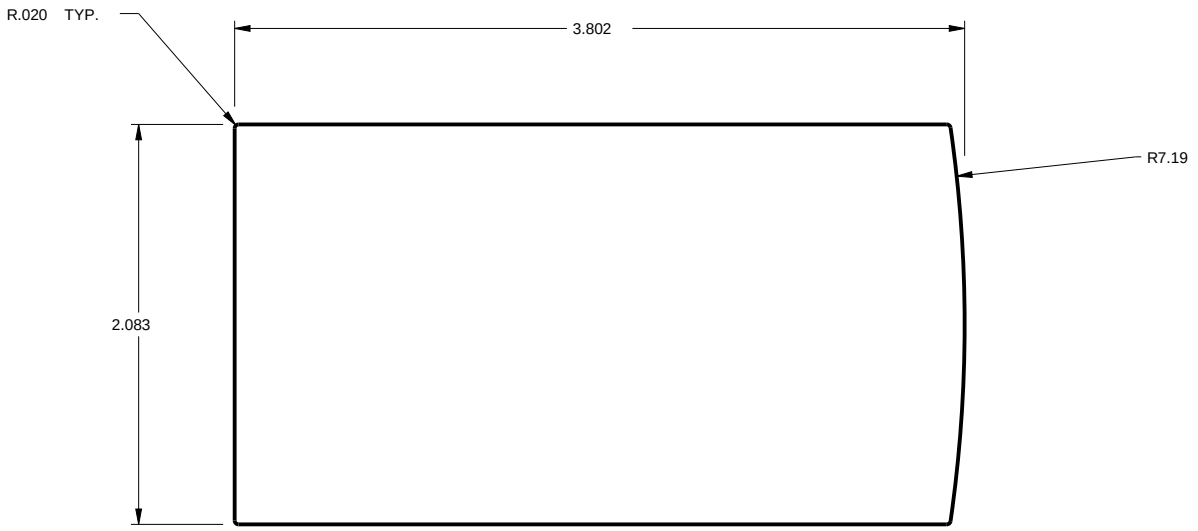
| Customer's Part No: 442710 | | | |
| APPROVAL | BY DATE | | |
| CHECK | | | |
| ENG. | | | |
| SCALE | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 9 OF 11 / REV.DOC 4.1 |

# SUGGESTED LABEL SIZE

(w/ .01" minimum gap per side)
CUSTOMER SUPPLIED




SCALE 1.000

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|---|---|---|---|---|---|
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| APPROVAL | BY | DATE | | | |
| CHECK | | | | | |
| ENG. | | | | | |
| SCALE | | | | | |
| DRAWN BY M BOYER 27-Jun-09 | SIZE A | DRAWING NAME 442710X_R4_1 | SHEET 10 OF 11 | REV.DOC 4.1 | |

# 2nd OPERATION DETAILS

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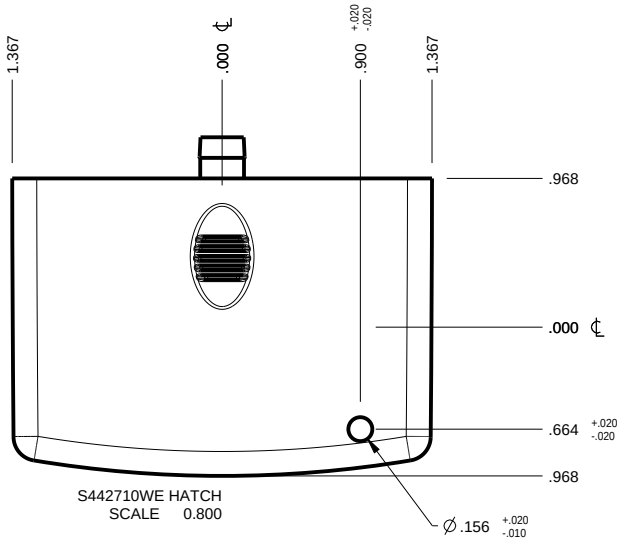
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLEMENT.
ALL SURFACES AND AREAS ARE AVAILABLE FOR CNC ALTERATION BY New Age Enclosures
CALL (805) 595-1310 FOR PRICING AND SCHEDULE.
THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"




S442710WE HATCH
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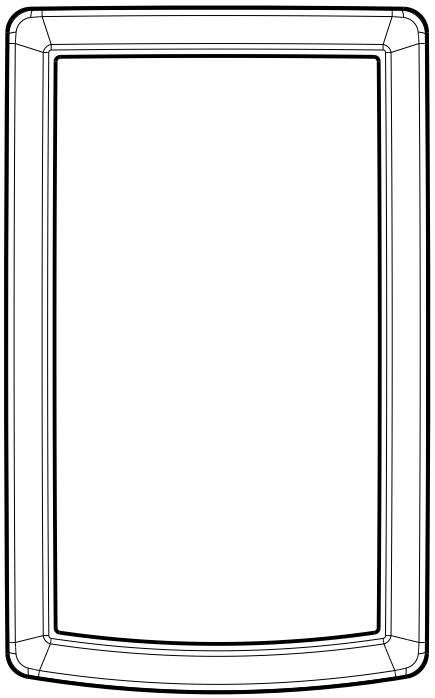

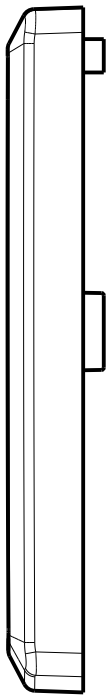

S442710 COVER
SCALE 0.800

| SXX-442710WE-XXX HATCH - ABS, BLACK | | | | | |
|---|---|---|---|---|---|
| STEP NO | DESCRIPTION | CUTTER | FIXTURE | ORIENTATION | PROGRAM |
| 1 | ∅.156 ASSEMBLY HOLE | T2 = .062" EM | 113 | USE ENCLOSURE ASSEMBLY | o4977 |

| SXX-442710-XXX COVER - ABS, BLACK | | | | | |
|---|---|---|---|---|---|
| STEP NO | DESCRIPTION | CUTTER | FIXTURE | ORIENTATION | PROGRAM |
| 2 | - | T2 = .062" EM | 113 | CENTER BLOCK - RAD. RIGHT | - |

| SXX-442710-XXX BASE - ABS, BLACK | | | | | |
|---|---|---|---|---|---|
| STEP NO | DESCRIPTION | CUTTER | FIXTURE | ORIENTATION | PROGRAM |
| 3 | - | T2 = .062" EM | 113 | CENTER BLOCK - RAD. RIGHT | - |

TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.
X.XX = .015 X.XXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 442710

| APPROVAL | BY | DATE |
|---|---|---|
| CHECK | | |
| ENG. | | |
| SCALE | | |

DRAWN BY M BOYER 27-Jun-09

NEW AGE ENCLOSURES
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ph. (805) 595-1310 fax (805) 595-1024
www.newageenclosures.com

MED. HANDHELD/WALL UTIL.
SXX-442710X ASSEMBLY

| SIZE | DRAWING NAME | SHEET | REV.DOC |
|---|---|---|---|
| A | 442710X_R4_1 | 11 OF 11 | 4.1 |

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# OCEAN CHIPS
## Океан Электроники
## Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

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