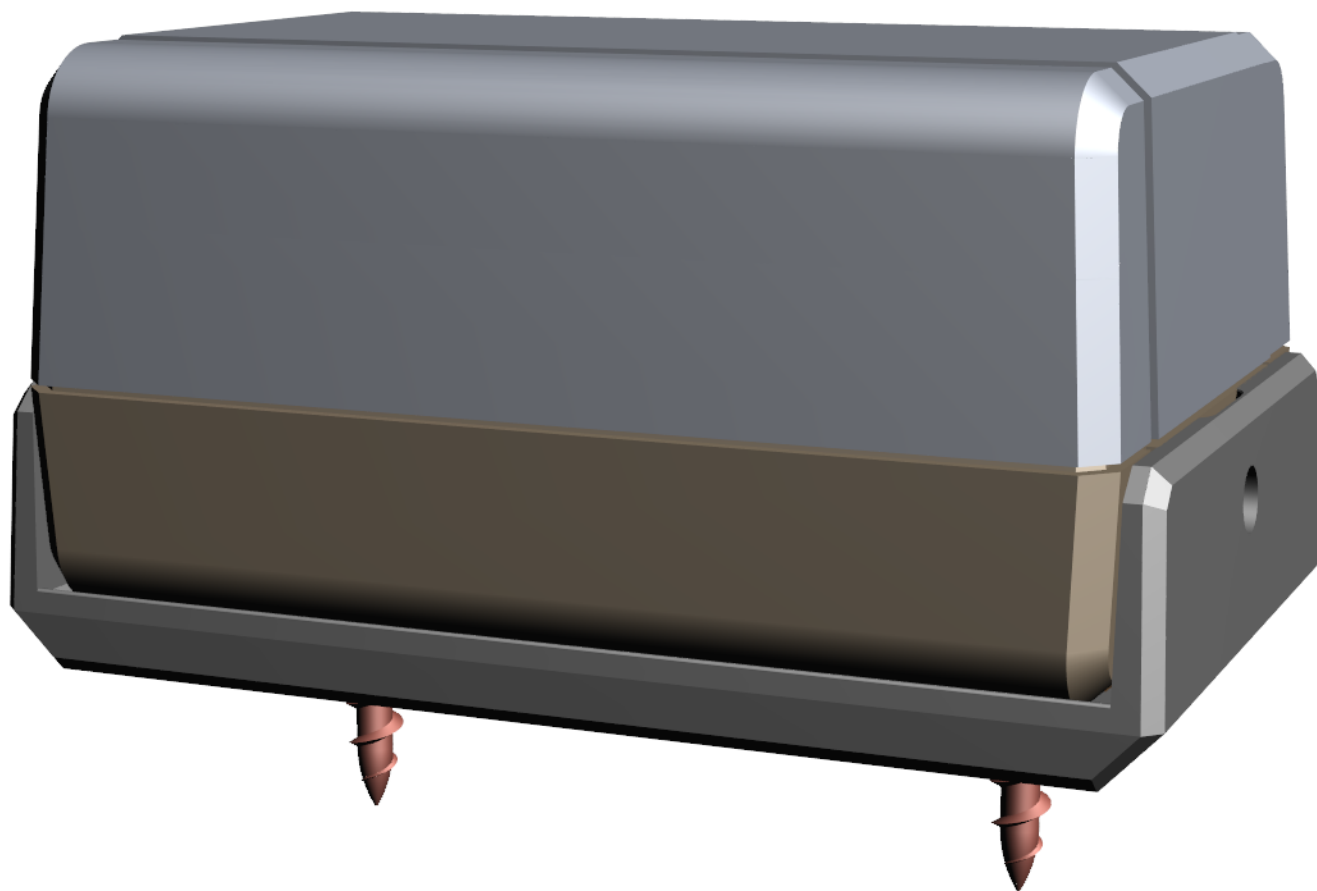
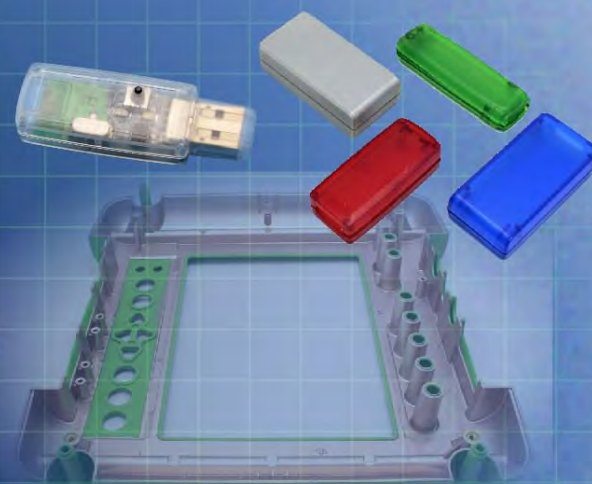




Ordering a market-ready enclosure® is made fast and affordable with our complete in-house capabilities. New Age provides machined openings to fit your PCB, pad printing for your graphics, custom enclosures, custom colors, final assembly, testing and fulfillment services to save you additional time and money. Ask your representative for a free quote today 805-595-1310.

## ***Fast and Affordable Customization***

**CNC Modifications  
Pad Printing  
Colored Resins  
EMI/RF Shielding  
Custom Enclosure  
Assembly & Testing**



ISO quality  
off-the-shelf  
to market-ready®

# **NEW AGE ENCLOSURES**

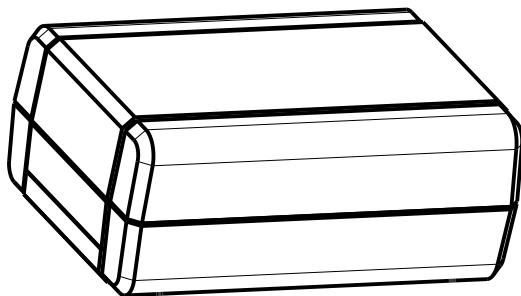
[www.NewAgeEnclosures.com](http://www.NewAgeEnclosures.com)

4330 Santa Fe Road • San Luis Obispo, CA 93401 • T 805.595.1310 • F 805.595.1024

NOTES: UNLESS OTHERWISE SPECIFIED

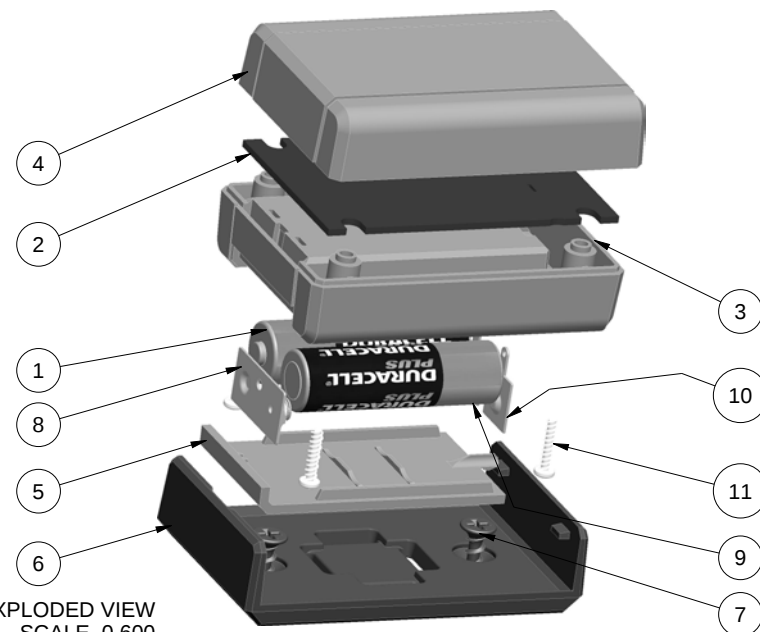
1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVALENT TO MT-11010.
3. INTERIOR SURFACE TEXTURE TO BE: NONE.
4. ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
5. ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT 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 OTHERWISE SPECIFIED.
7. ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED.
8. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
9. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH CUSTOMER.

| S302112(x) CONFIGURATIONS |        |    |    |     |     |
|---------------------------|--------|----|----|-----|-----|
|                           | -Blank | -T | -K | -TK | -WP |
| 302112 COVER              | 1      |    | 1  |     |     |
| 302112T COVER             |        | 1  |    | 1   |     |
| 302112 BASE               | 1      | 1  |    |     |     |
| 302112 MACHINED BASE      |        |    | 1  | 1   |     |
| 302112 HATCH              | 1      | 1  | 1  | 1   |     |
| 302112 WALL CRADLE        |        |    | 1  | 1   | 1   |
| #4 HiLo SCREW .500"       | 4      | 4  | 4  | 4   |     |



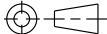
302112 STANDARD  
SCALE 0.750

| R E V I S I O N |          |        |                                                   |           |          |
|-----------------|----------|--------|---------------------------------------------------|-----------|----------|
| REV.            | DRAWN BY | ECO No | DESCRIPTION                                       | DATE      | APPROVED |
| A               | M BOYER  |        | PRELIMINARY RELEASE                               | 21-Nov-09 | D.C.     |
| H               | M BOYER  |        | ADD RIBS AFTER REVIEW 7-12-10                     | 13-Jul-10 | D.C.     |
| 1.0             | M BOYER  |        | RELEASED BY CUSTOMER                              | 21-Jul-10 | D.C.     |
| 2.0             | M BOYER  | 3810   | ADJUST PCB INFO AND PCB POSTS                     | 28-Sep-10 | D.C.     |
| 2.1             | M BOYER  | 3810   | UNAPPROVED REV 2.0, UPDATE FORMAT                 | 30-Sep-10 | D.C.     |
| 3.0             | R CRUZ   | 7613   | ADD "TALL" CONFIGURATION                          | 18-Oct-13 | D.C.     |
| 4.0             | M BOYER  | 8613   | INCLUDE WALL CRADLE OPTION                        | 16-Dec-13 | D.C.     |
| 5.0             | R CRUZ   | 2214   | UPDATE CONFIGURATION TABLE                        | 19-May-14 | D.C.     |
| 5.1             | R CRUZ   | 5014   | REMOVE SCREW HOLE ON CRADLE, "TALL" CONFIGURATION | 26-Nov-14 | D.C.     |
| 6.0             | M BOYER  | 00615  | INCLUDE KEEP OUT ZONE AND ADD NOTCHES TO PCB      | 23-Jan-15 |          |
|                 |          |        |                                                   |           |          |



|      |                      |                               |                   |                 |      |
|------|----------------------|-------------------------------|-------------------|-----------------|------|
| 11   | SCREW_HILO-N04X500   | #4 HiLo x .500" SCREW         | STEEL             | ZINK PLATED     | 4    |
| 10   | AA-SINGL-CONTACT-POS | ACC-AAPOS-5223                | SPRING STEEL      | SOLD SEPERATELY | 1    |
| 9    | AA-SINGL-CONTACT-NEG | ACC-AANEG-5201                | SPRING STEEL      | SOLD SEPERATELY | 1    |
| 8    | AA-DBL-CONTACT       | ACC-AADBL-5212                | SPRING STEEL      | SOLD SEPERATELY | 1    |
| 7    | SCREW-DRYWALLX750    | DRYWALL SCREW - REFERENCE     | CUSTOMER SUPPLIED | DRYWALL SCREW   | 2    |
| 6    | 302112_WALL-CRADLE   | 302112 WALL CRADLE - STANDARD | ABS               | BLACK or WHITE  | 1    |
| 5    | 302112_HATCH         | 302112 HATCH - STANDARD       | ABS               | BLACK or WHITE  | 1    |
| 4    | 302112_COVER         | 302112 COVER - STANDARD       | ABS               | BLACK or WHITE  | 1    |
| 3    | 302112_BASE          | 302112 BASE - STANDARD        | ABS               | BLACK or WHITE  | 1    |
| 2    | 302112_PCB           | 302112 PCB - REFERENCE        | CUSTOMER SUPPLIED | .062" THICK     | 1    |
| 1    | AA-BATTERY           | AA BATTERY - REFERENCE        | CUSTOMER SUPPLIED | "AA" SIZE       | 2    |
| ITEM | FILE NAME            | DESCRIPTION                   | MATERIAL          | COLOR           | QTY. |

BILL OF MATERIALS

THIRD ANGLE PROJECTION  
  
DO NOT SCALE DRAWING

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

NEW AGE ENCLOSURES

Customer's Part No: 302112

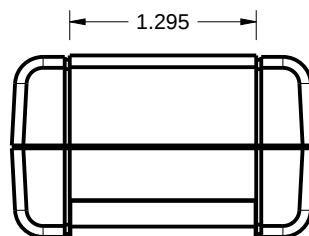
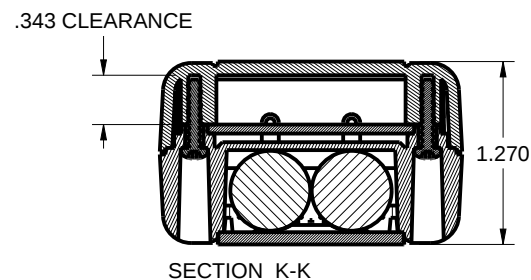
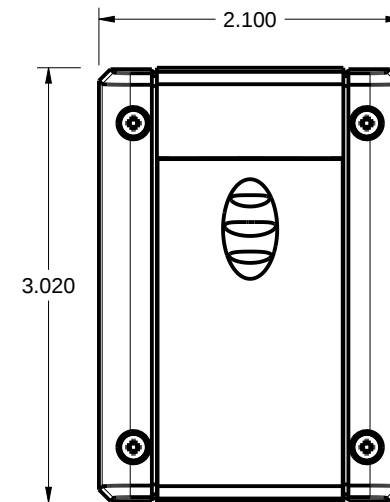
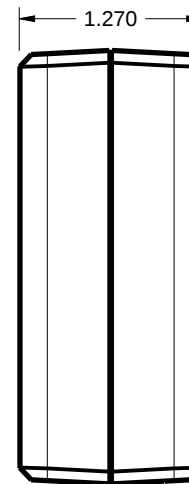
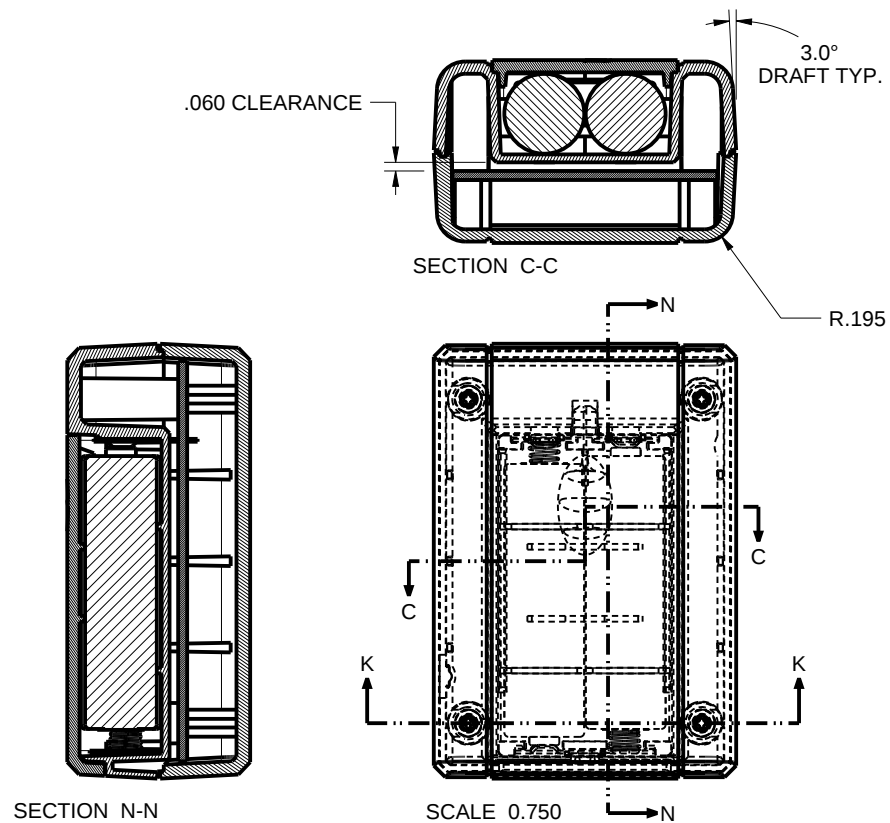
|          |          |      |
|----------|----------|------|
| APPROVAL | BY       | DATE |
| CHECK    |          |      |
| ENG.     |          |      |
| SCALE    | AS NOTED |      |

DRAWN BY  
M BOYER  
21-Nov-09

**NEW AGE ENCLOSURES**  
4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

**STANDARD - MINI AA**  
**SXX-302112X-XXX**

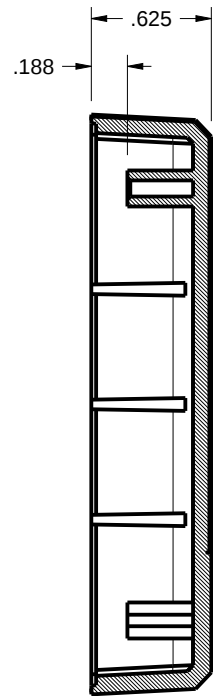
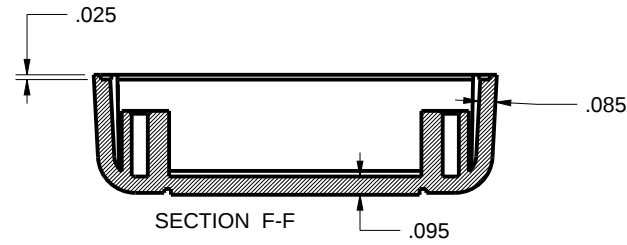
SIZE A DRAWING NAME 302112\_R6\_0 SHEET 1 OF 9 REV.DOC 6.0



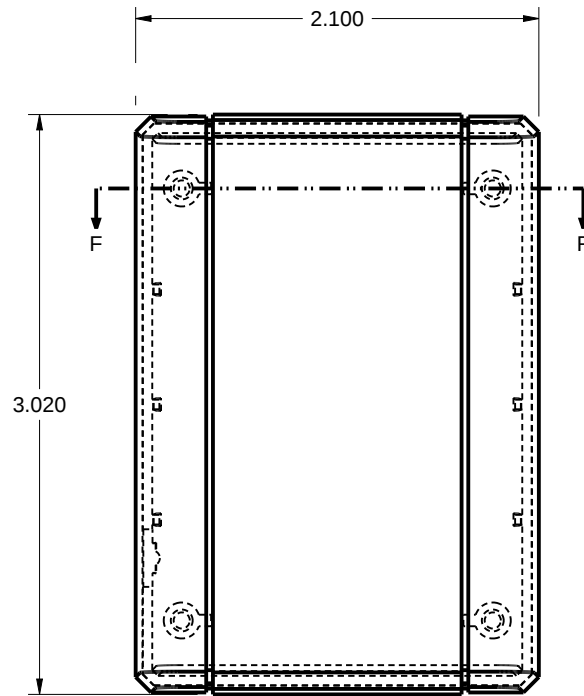
|                                                                          |           |      |
|--------------------------------------------------------------------------|-----------|------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES. |           |      |
| X.XX = .015 X.XXXX = .001                                                |           |      |
| X.XXX = .010 X.X° = 1°                                                   |           |      |
| NEW AGE ENCLOSURES                                                       |           |      |
| Customer's Part No: 302112                                               |           |      |
| APPROVAL                                                                 | BY        | DATE |
| CHECK                                                                    |           |      |
| ENG.                                                                     |           |      |
| SCALE                                                                    | AS NOTED  |      |
| DRAWN BY                                                                 | 21-Nov-09 |      |
| M BOYER                                                                  |           |      |

|                                               |              |         |
|-----------------------------------------------|--------------|---------|
| <b>NEW AGE ENCLOSURES</b>                     |              |         |
| 4330 Santa Fe Road San Luis Obispo, CA. 93401 |              |         |
| ph. (805) 595-1310 fax (805) 595-1024         |              |         |
| www.newageenclosures.com                      |              |         |
| <b>STANDARD - MINI AA</b>                     |              |         |
| <b>SXX-302112X-XXX</b>                        |              |         |
| SIZE                                          | DRAWING NAME | SHEET   |
| A                                             | 302112_R6_0  | 2 OF 9  |
|                                               |              | REV.DOC |
|                                               |              | 6.0     |

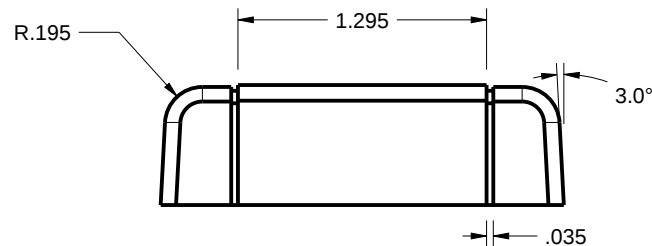
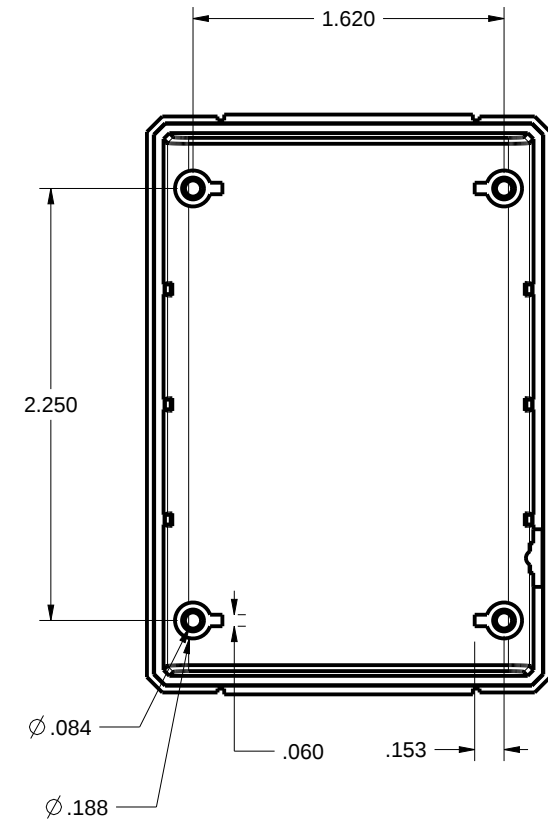
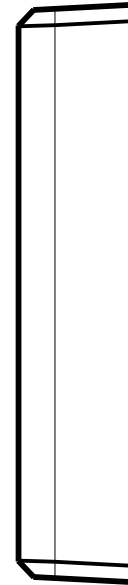
# 302112 - COVER



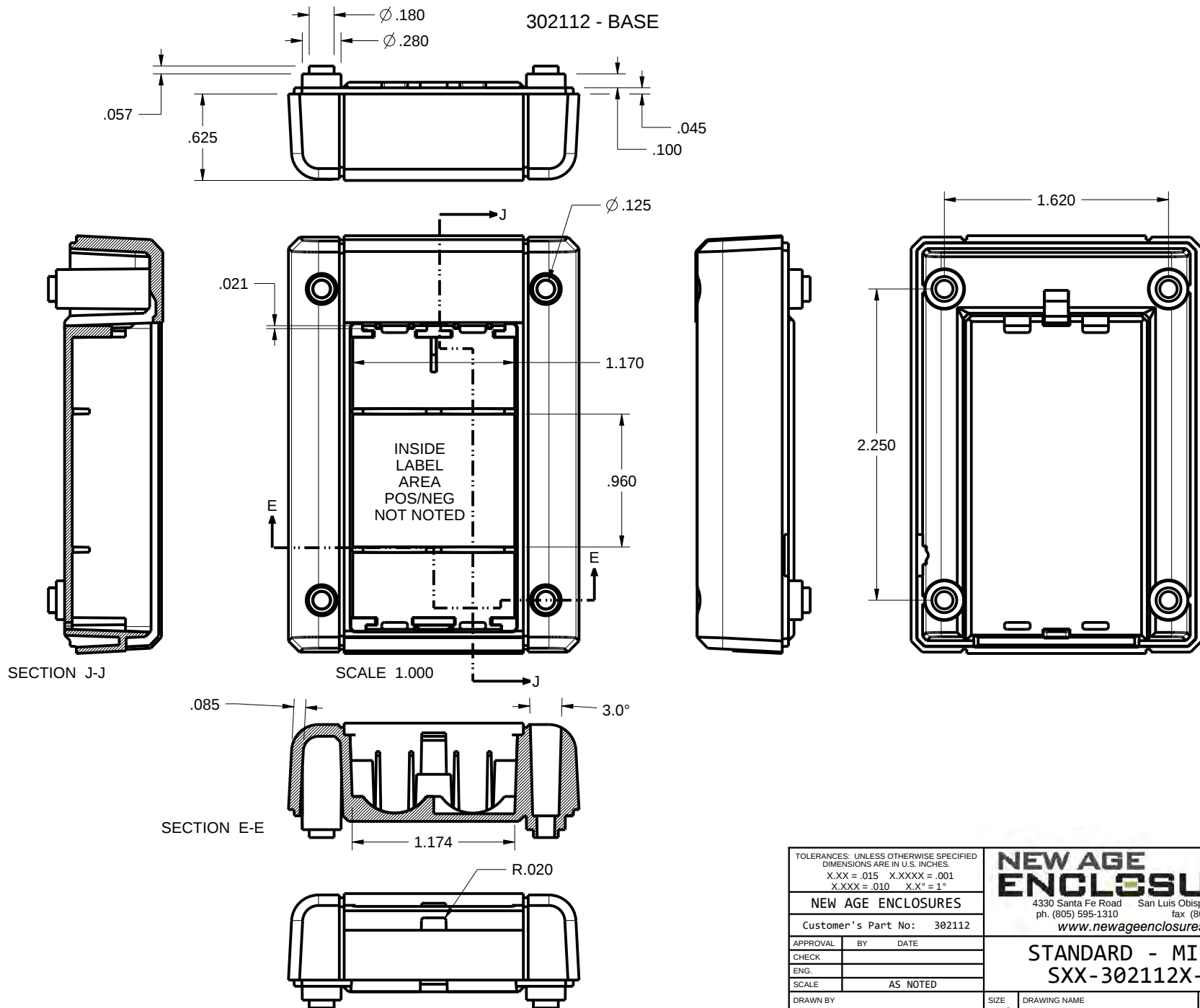
302112 STANDARD  
SECTION D-D



SCALE 1.000



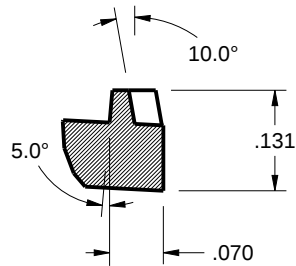
|                                                                                                                                 |          |                                                                                                                    |                                       |                             |
|---------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES.<br>X.XX = .015 X.XXXX = .001<br>X.XXX = .010 X.X° = 1° |          | <b>NEW AGE ENCLOSURES</b>                                                                                          |                                       |                             |
| Customer's Part No: 302112                                                                                                      |          | 4330 Santa Fe Road San Luis Obispo, CA. 93401<br>ph. (805) 595-1310 fax (805) 595-1024<br>www.newageenclosures.com |                                       |                             |
| APPROVAL                                                                                                                        | BY       | DATE                                                                                                               | STANDARD - MINI AA<br>SXX-302112X-XXX |                             |
| CHECK                                                                                                                           |          |                                                                                                                    |                                       |                             |
| ENG.                                                                                                                            |          |                                                                                                                    |                                       |                             |
| SCALE                                                                                                                           | AS NOTED |                                                                                                                    |                                       |                             |
| DRAWN BY<br>M BOYER                                                                                                             |          | 21-Nov-09                                                                                                          | SIZE<br>A                             | DRAWING NAME<br>302112_R6_0 |
|                                                                                                                                 |          |                                                                                                                    | SHEET<br>3 OF 9                       | REV.DOC<br>6.0              |



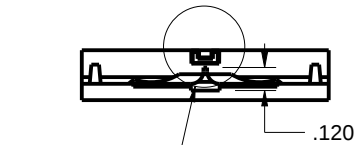
|                                                                           |           |      |
|---------------------------------------------------------------------------|-----------|------|
| TOLERANCES - UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES. |           |      |
| X.XX = .015 X.XXXX = .001                                                 |           |      |
| X.XXX = .010 X.X° = 1°                                                    |           |      |
| NEW AGE ENCLOSURES                                                        |           |      |
| Customer's Part No: 302112                                                |           |      |
| APPROVAL                                                                  | BY        | DATE |
| CHECK                                                                     |           |      |
| ENG.                                                                      |           |      |
| SCALE                                                                     | AS NOTED  |      |
| DRAWN BY                                                                  | 21-Nov-09 |      |
| M BOYER                                                                   |           |      |

|                                               |              |         |
|-----------------------------------------------|--------------|---------|
| <b>NEW AGE ENCLOSURES</b>                     |              |         |
| 4330 Santa Fe Road San Luis Obispo, CA. 93401 |              |         |
| ph. (805) 595-1310 fax (805) 595-1024         |              |         |
| www.newageenclosures.com                      |              |         |
| <b>STANDARD - MINI AA</b>                     |              |         |
| <b>SXX-302112X-XXX</b>                        |              |         |
| SIZE                                          | DRAWING NAME | SHEET   |
| A                                             | 302112_R6_0  | 4 OF 9  |
|                                               |              | REV.DOC |
|                                               |              | 6.0     |

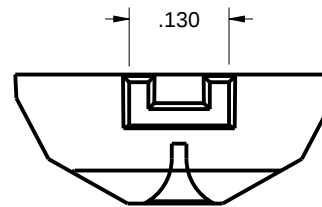
# 302112 - HATCH



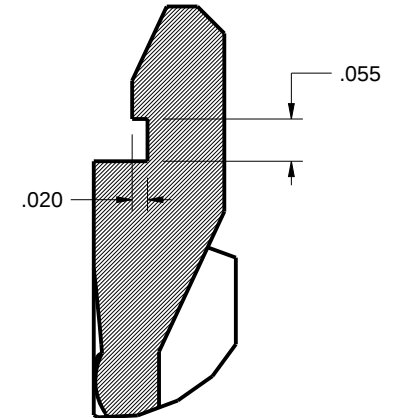
DETAIL C  
SCALE 4.000



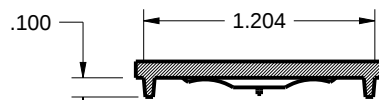
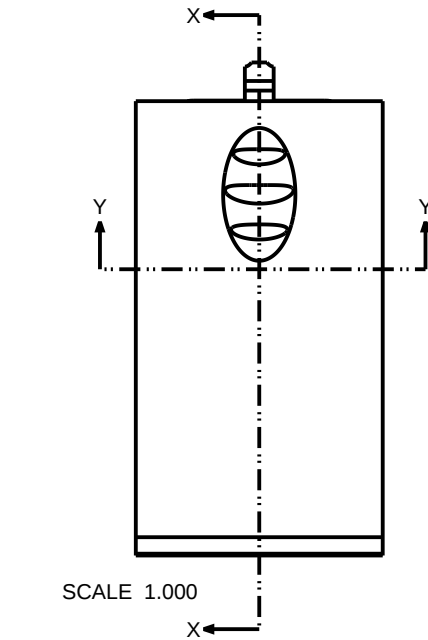
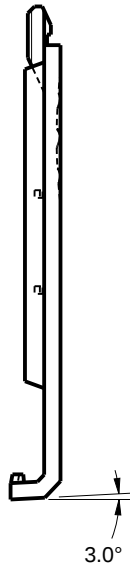
SEE DETAIL B



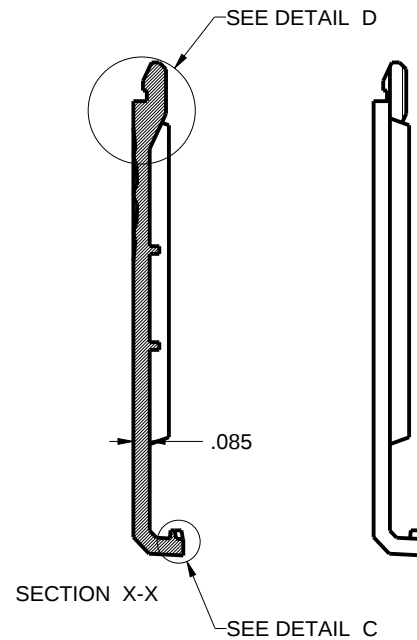
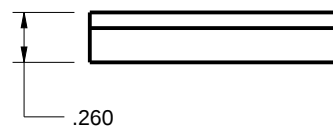
DETAIL B  
SCALE 4.000



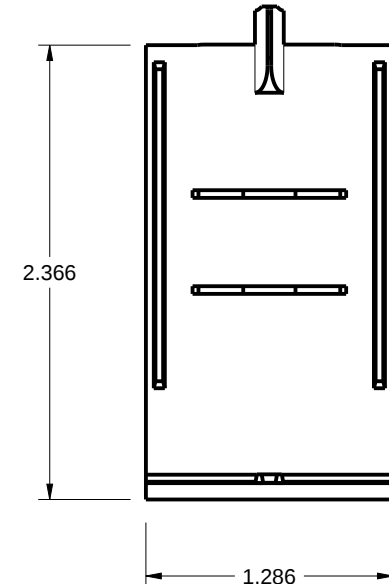
DETAIL D  
SCALE 4.000



SECTION Y-Y



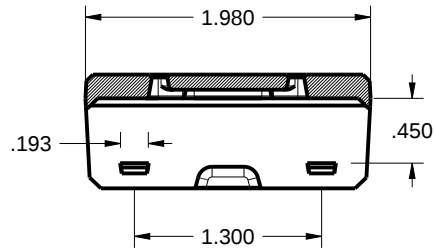
SECTION X-X



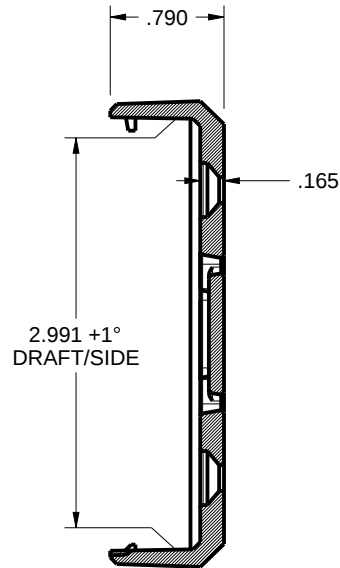
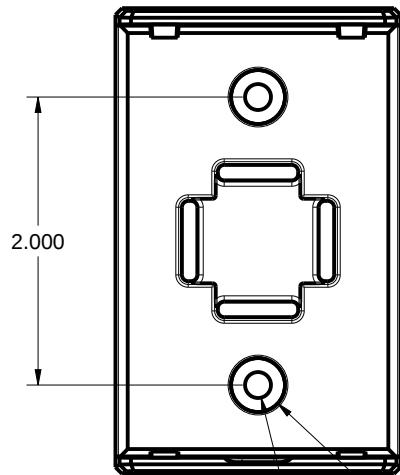
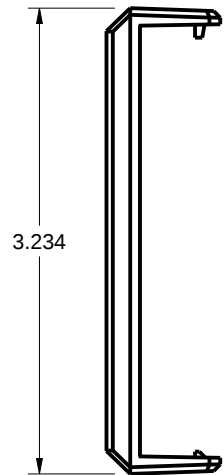
|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES. |           |
| X.XX = .015 X.XXXX = .001                                                |           |
| X.XXX = .010 X.X° = 1°                                                   |           |
| NEW AGE ENCLOSURES                                                       |           |
| Customer's Part No: 302112                                               |           |
| APPROVAL                                                                 | BY DATE   |
| CHECK                                                                    |           |
| ENG.                                                                     |           |
| SCALE                                                                    | AS NOTED  |
| DRAWN BY:                                                                | 21-Nov-09 |
| M BOYER                                                                  |           |

|                                               |              |
|-----------------------------------------------|--------------|
| <b>NEW AGE ENCLOSURES</b>                     |              |
| 4330 Santa Fe Road San Luis Obispo, CA. 93401 |              |
| ph. (805) 595-1310 fax (805) 595-1024         |              |
| www.newageenclosures.com                      |              |
| <b>STANDARD - MINI AA</b>                     |              |
| <b>SXX-302112X-XXX</b>                        |              |
| SIZE                                          | DRAWING NAME |
| A                                             | 302112_R6_0  |
| SHEET                                         | REV.DOC      |
| 5 OF 9                                        | 6.0          |

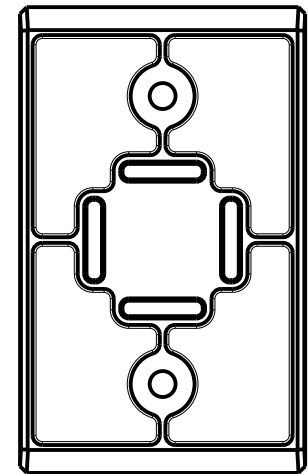
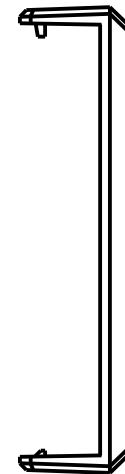
# 302112 - WALL CRADLE



SECTION Y-Y

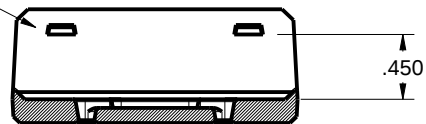


SECTION X-X

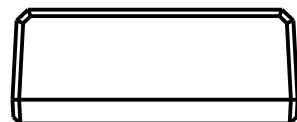


2nd OPERATION REQUIRED  
ON 302112 BASE  
TO ACCEPT CRADLE TABS

SCALE 0.750



SECTION Y-Y



|                                                                          |           |      |
|--------------------------------------------------------------------------|-----------|------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES. |           |      |
| X.XX = .015 X.XXXX = .001                                                |           |      |
| X.XXX = .010 X.X° = 1°                                                   |           |      |
| NEW AGE ENCLOSURES                                                       |           |      |
| Customer's Part No: 302112                                               |           |      |
| APPROVAL                                                                 | BY        | DATE |
| CHECK                                                                    |           |      |
| ENG.                                                                     |           |      |
| SCALE                                                                    | AS NOTED  |      |
| DRAWN BY                                                                 | 21-Nov-09 |      |
| M BOYER                                                                  |           |      |

**NEW AGE ENCLOSURES**  
4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

**STANDARD - MINI AA**  
**SXX-302112X-XXX**

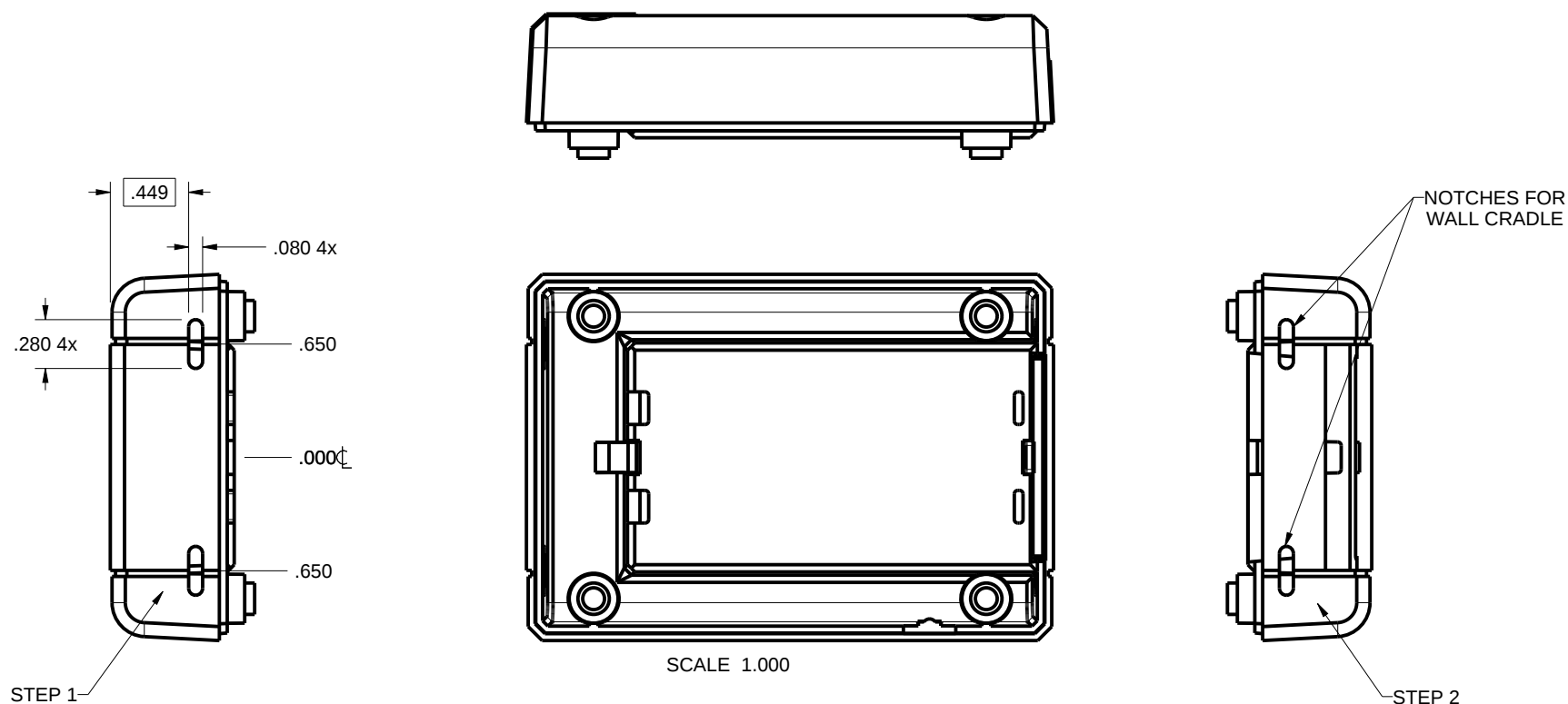
|      |              |        |         |
|------|--------------|--------|---------|
| SIZE | DRAWING NAME | SHEET  | REV.DOC |
| A    | 302112_R6_0  | 6 OF 9 | 6.0     |

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF THE OEM.



## 2nd OPERATION DETAILS - Page 1 of 2

NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLMENT.  
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"

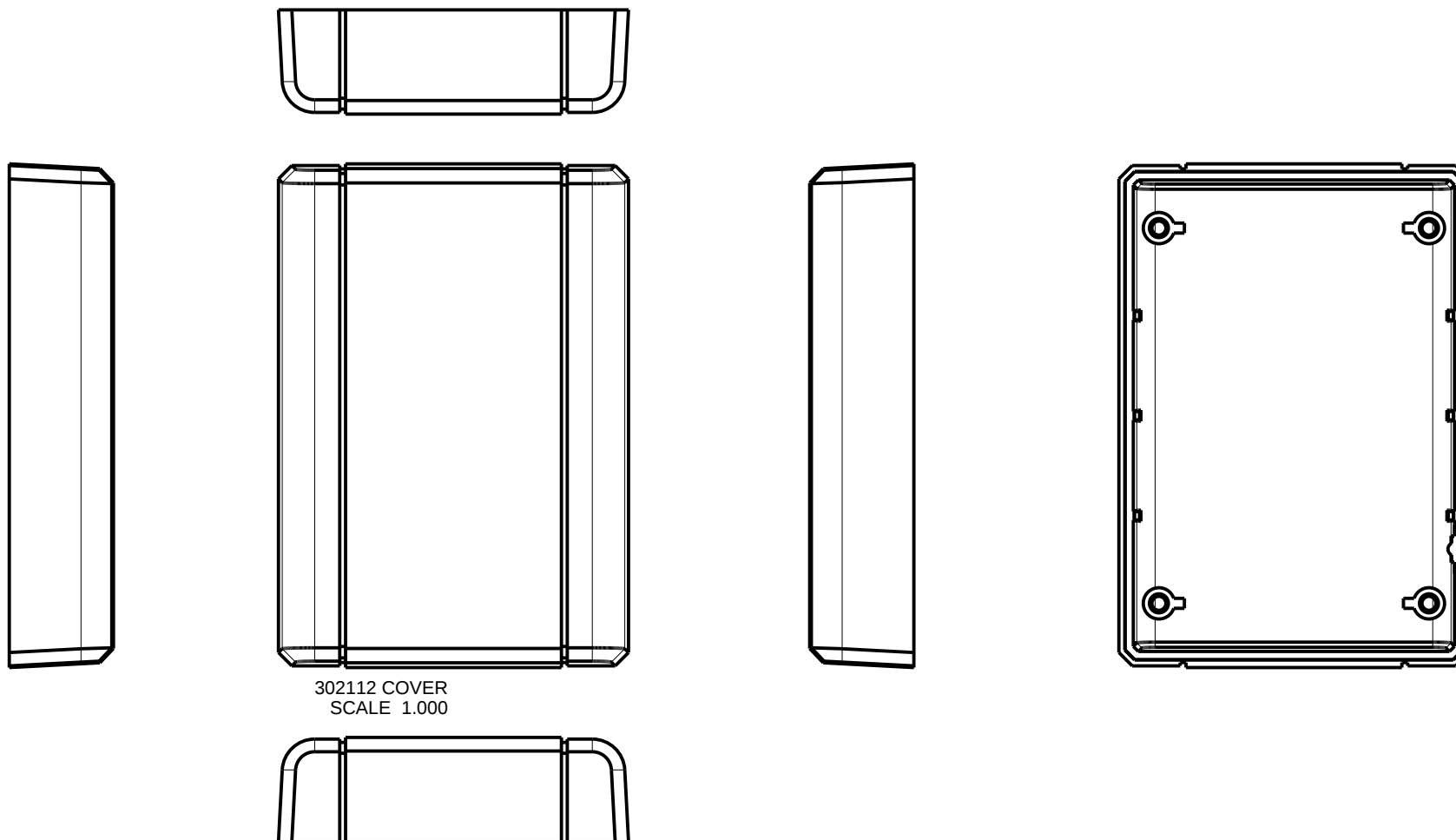


| SXX-302112X-XXX BASE - ABS, BLACK |                |               |         |             |         |
|-----------------------------------|----------------|---------------|---------|-------------|---------|
| STEP NO                           | DESCRIPTION    | CUTTER        | FIXTURE | ORIENTATION | PROGRAM |
| 1-C-C1                            | CRADLE NOTCHES | T2 = .062" EM | 193     | SINGLE      | -       |
| 2-C-C2                            | CRADLE NOTCHES | T2 = .062" EM | 193     | SINGLE      | -       |

|                                                                                                                                 |  |  |                           |  |                                                                                                                                                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES.<br>X.XX = .015 X.XXXX = .001<br>X.XXX = .010 X.X° = 1° |  |  | <b>NEW AGE ENCLOSURES</b> |  | 4330 Santa Fe Road San Luis Obispo, CA. 93401<br>ph. (805) 595-1310 fax (805) 595-1024<br><a href="http://www.newageenclosures.com">www.newageenclosures.com</a> |  |
| Customer's Part No: 302112                                                                                                      |  |  | APPROVAL BY DATE          |  | <b>STANDARD - MINI AA</b>                                                                                                                                        |  |
| CHECK                                                                                                                           |  |  | ENG.                      |  | <b>SXX-302112X-XXX</b>                                                                                                                                           |  |
| SCALE                                                                                                                           |  |  | AS NOTED                  |  | SIZE                                                                                                                                                             |  |
| DRAWN BY                                                                                                                        |  |  | 21-Nov-09                 |  | DRAWING NAME                                                                                                                                                     |  |
| M BOYER                                                                                                                         |  |  |                           |  | 302112_R6_0                                                                                                                                                      |  |
|                                                                                                                                 |  |  |                           |  | SHEET                                                                                                                                                            |  |
|                                                                                                                                 |  |  |                           |  | 8 OF 9                                                                                                                                                           |  |
|                                                                                                                                 |  |  |                           |  | REV.DOC                                                                                                                                                          |  |
|                                                                                                                                 |  |  |                           |  | 6.0                                                                                                                                                              |  |

## 2nd OPERATION DETAILS - Page 2 of 2

NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLMENT.  
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"



302112 COVER  
SCALE 1.000

### SXX-302112X-XXX COVER - ABS, BLACK

| STEP NO | DESCRIPTION | CUTTER        | FIXTURE | ORIENTATION | PROGRAM |
|---------|-------------|---------------|---------|-------------|---------|
| 1-C-C1  | -           | T2 = .062" EM | 193     | SINGLE      |         |
| 2-C-C2  | -           | T2 = .062" EM | 193     | -           |         |
| 3-C-C3  | -           | T2 = .062" EM | 193     | -           |         |

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

NEW AGE ENCLOSURES

Customer's Part No: 302112

|          |           |      |
|----------|-----------|------|
| APPROVAL | BY        | DATE |
| CHECK    |           |      |
| ENG.     |           |      |
| SCALE    | AS NOTED  |      |
| DRAWN BY | 21-Nov-09 |      |
| M BOYER  |           |      |

**NEW AGE ENCLOSURES**

4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

STANDARD - MINI AA  
SXX-302112X-XXX

|      |              |        |         |
|------|--------------|--------|---------|
| SIZE | DRAWING NAME | SHEET  | REV.DOC |
| A    | 302112_R6_0  | 9 OF 9 | 6.0     |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

New Age Enclosures:

[S1A-302112](#) [S3A-302112](#) [S1A-302112-K](#) [S3A-302112-K](#)

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».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А