



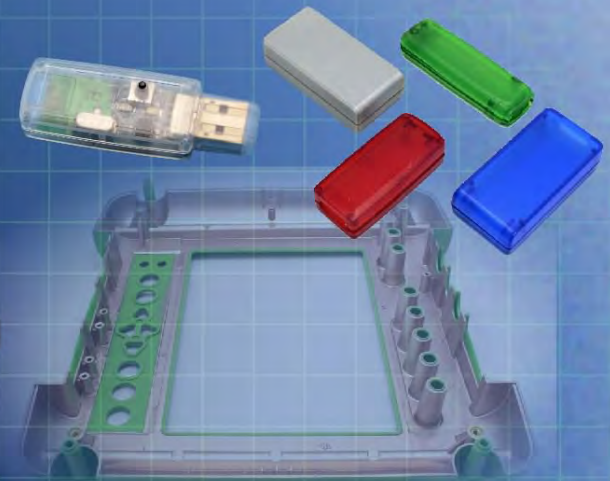
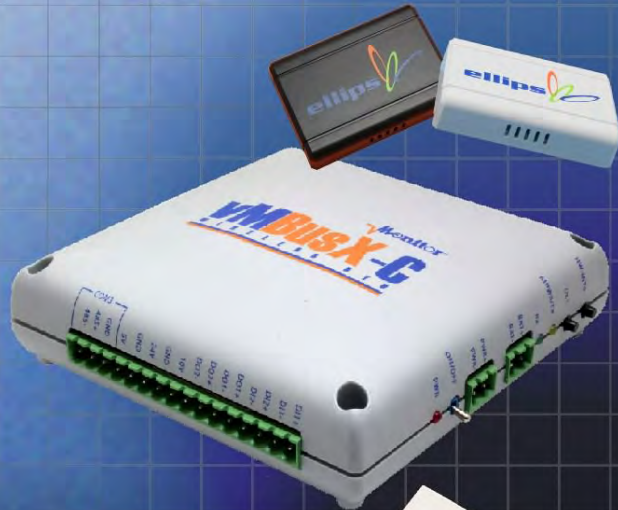




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Custom Enclosure  
Assembly & Testing**



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off-the-shelf  
to market-ready®

# **NEW AGE ENCLOSURES**

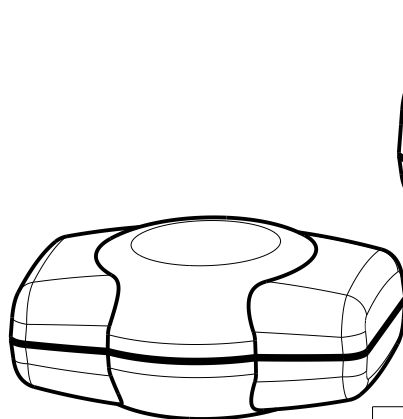
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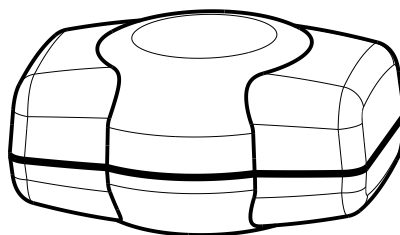
NOTES: UNLESS OTHERWISE SPECIFIED

- CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
- INTERIOR SURFACE TEXTURE TO BE: NONE.
- ALL INSIDE RADII .010R. UNLESS OTHERWISE SPECIFIED.
- 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.
- 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
- THIS ENCLOSURE IS A PRESS FIT ASSEMBLY. FOR PERMANENT CLOSURE: A DROP OF ADHESIVE OR ULTRASONIC WELDING IS REQUIRED.
- MOUNTING SCREWS FOR THE PCB ARE SOLD SEPERATELY.
- MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
- PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF OEM.
- THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
- ALLOWABLE FLASH: 0.010 MAX.
- ALL EJECTOR PIN MARKS TO BE WITHIN 0.010" OF FLUSH, PROTRUDING OR BELOW FLUSH.

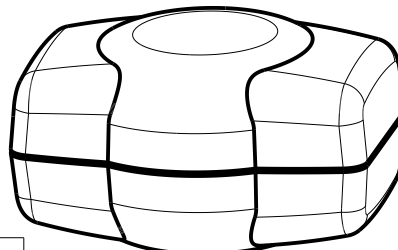
| R E V I S I O N |          |        |                                |           |          |
|-----------------|----------|--------|--------------------------------|-----------|----------|
| REV.            | DRAWN BY | ECO No | DESCRIPTION                    | DATE      | APPROVED |
| A               | M BOYER  | DR XXX | PRELIMINARY RELEASE            | 06-Apr-11 | D.C.     |
| B               | M BOYER  |        | CHANGE TITLE AND PN            | 25-Jan-12 | D.C.     |
| C               | M BOYER  |        | ADD LARGER CONFIGURATION       | 15-Oct-12 | D.C.     |
| D               | M BOYER  |        | REDUCE THE LENGTH OF ASSY POST | 30-Nov-12 | D.C.     |
| E               | M BOYER  |        | UPDATE NAME                    | 25-Jan-13 | D.C.     |
| F               | R CRUZ   |        | UPDATE TO AS BUILT             | 07-Jun-13 | D.C.     |
| 1.0             | R CRUZ   |        | RELEASED                       | 25-Jun-13 |          |
|                 |          |        |                                |           |          |



191508S ASSEMBLY  
- 191508 COVER  
- 191508 BASE  
SCALE 1.000

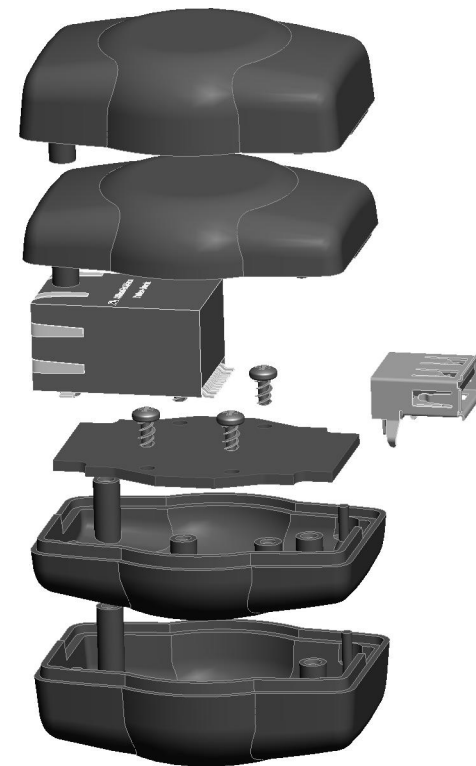


191508M ASSEMBLY  
- 191510 COVER  
- 191508 BASE  
SCALE 1.000



191508T ASSEMBLY  
- 191510 COVER  
- 191510 BASE  
SCALE 1.000

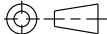
| 191508(x) CONFIGURATIONS |    |    |    |
|--------------------------|----|----|----|
|                          | -S | -M | -T |
| 191508 COVER             | 1  |    |    |
| 191508 BASE              | 1  | 1  |    |
| 191510 COVER             |    | 1  | 1  |
| 191510 BASE              |    |    | 1  |



EXPLODED VIEW  
SCALE 0.900

| 6    | 2-32 ROUND SHANK x .187" SCREW | ZINK PLATED    | MMC 90056A075     | 4    |
|------|--------------------------------|----------------|-------------------|------|
| 5    | TYPE A - FEMALE USB CONNECTOR  | REFERENCE ONLY | CUSTOMER SUPPLIED | 1    |
| 4    | RJ45 FEMALE CONNECTOR          | REFERENCE ONLY | CUSTOMER SUPPLIED | 1    |
| 3    | 190508 PCB - REFERENCE         | .062" THICK    | CUSTOMER SUPPLIED | 2    |
| 2    | 191510 CASE - STANDARD         | ABS            | BLACK or WHITE    | 2    |
| 1    | 191508 CASE - STANDARD         | ABS            | BLACK or WHITE    | 2    |
| ITEM | DESCRIPTION                    | MATERIAL       | COLOR             | QTY. |

# BILL OF MATERIALS

THIRD ANGLE PROJECTION  
  
DO NOT SCALE DRAWING

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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: 191508

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

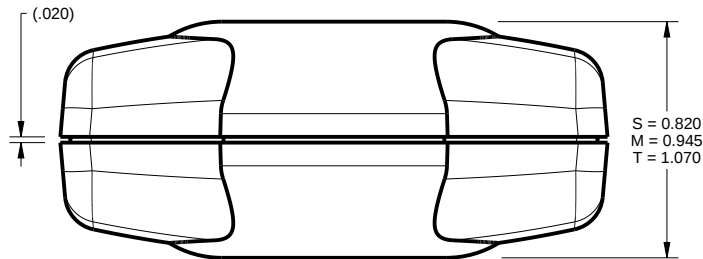
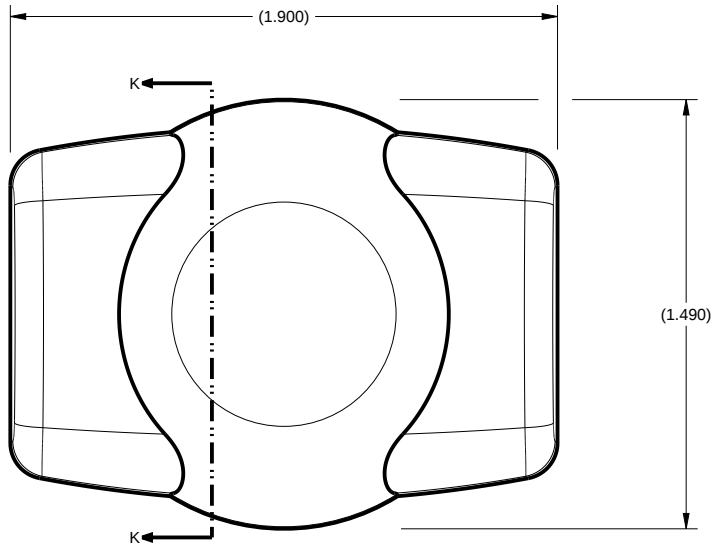
DRAWN BY  
M BOYER  
06-Apr-11

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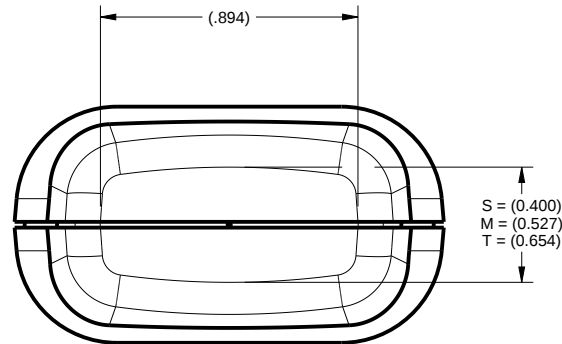
STANDARD - E.E.HOUSING  
PXX-191508X-XXX

|           |                             |                 |                |
|-----------|-----------------------------|-----------------|----------------|
| SIZE<br>A | DRAWING NAME<br>191508_R1_0 | SHEET<br>1 OF 6 | REV.DOC<br>1.0 |
|-----------|-----------------------------|-----------------|----------------|

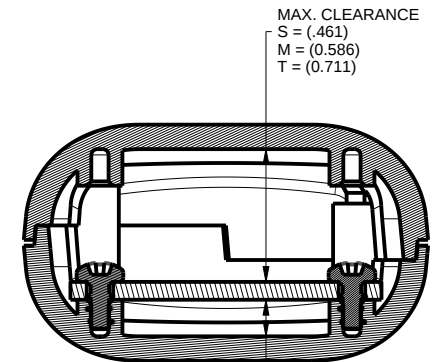
# 191508 ASSEMBLY



SCALE 1.500

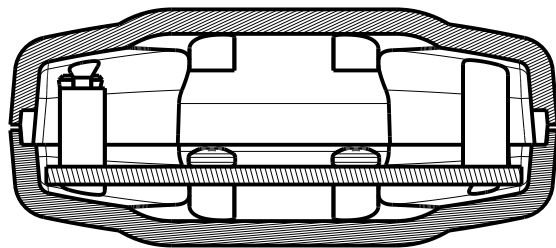


191508S MODELS SHOWN



SECTION K-K

(.127) MAX.  
CLEARANCE FOR  
ALL CONFIGURATIONS.



SECTION Y-Y

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X.XX = .015 X.XXXX = .001  
X.XXX = .010 X.X" = 1"

NEW AGE ENCLOSURES

Customer's Part No: 191508

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

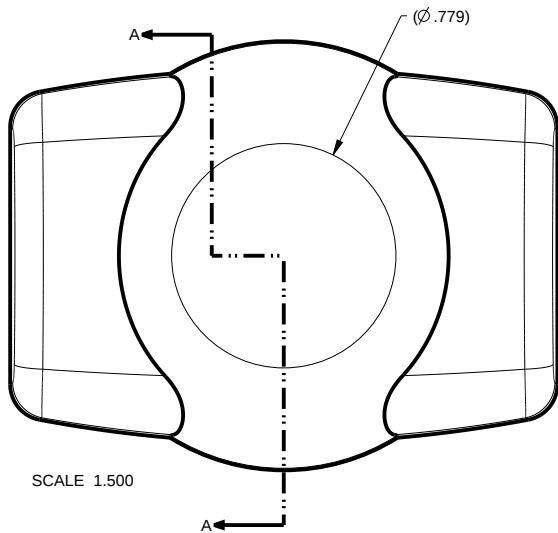
|          |           |
|----------|-----------|
| DRAWN BY | 06-Apr-11 |
| M BOYER  |           |

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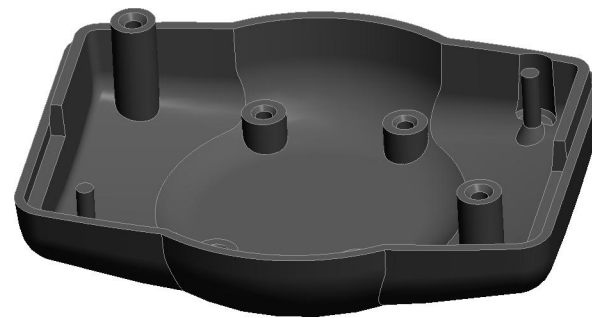
**STANDARD - E.E.HOUSING**  
**PXX-191508X-XXX**

|      |              |        |         |
|------|--------------|--------|---------|
| SIZE | DRAWING NAME | SHEET  | REV.DOC |
| A    | 191508_R1_0  | 2 OF 6 | 1.0     |

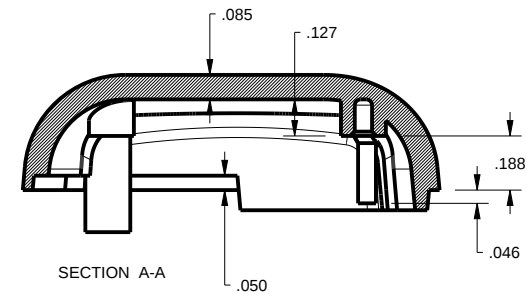
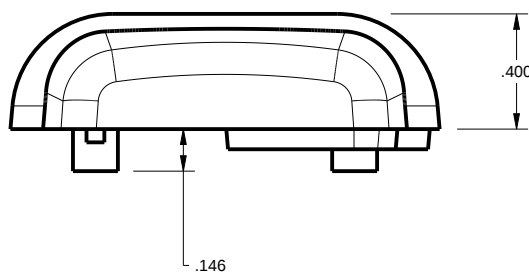
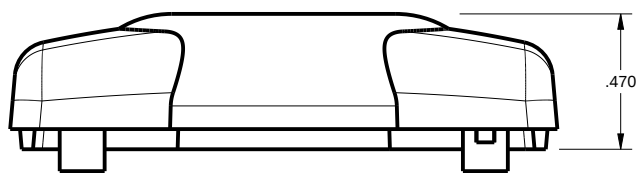
## 191508 COVER / BASE



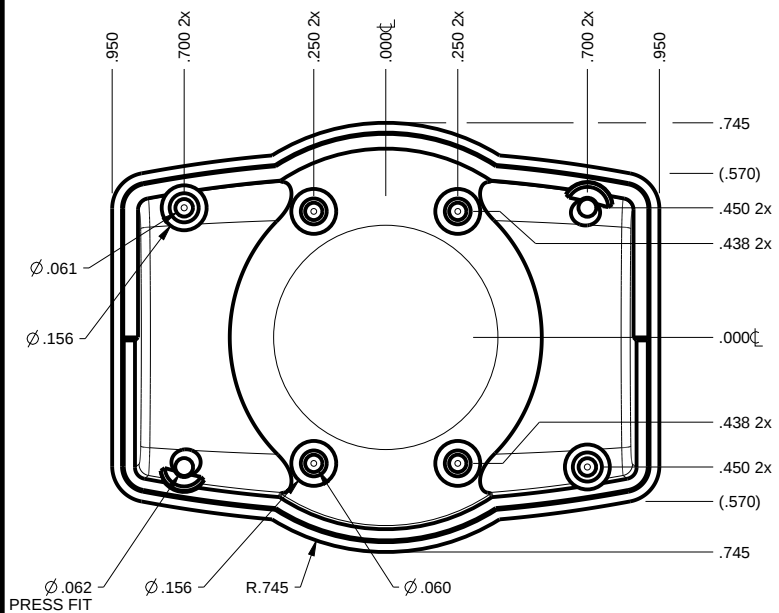
SCALE 1.500



SCALE 1.500



SECTION A-A



PRESS FIT

|                                                                          |               |           |
|--------------------------------------------------------------------------|---------------|-----------|
| TOLERANCES: UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN U.S. INCHES. |               |           |
| X.XX = .015                                                              | X.XXXX = .001 |           |
| X.XXX = .010                                                             | X.X° = 1°     |           |
| <b>NEW AGE ENCLOSURES</b>                                                |               |           |
| Customer's Part No: 191508                                               |               |           |
| APPROVAL                                                                 | BY            | DATE      |
| CHECK                                                                    |               |           |
| ENG.                                                                     |               |           |
| SCALE                                                                    | AS NOTED      |           |
| DRAWN BY                                                                 |               |           |
| M BOYER                                                                  |               | 06-Apr-11 |

## NEW AGE ENCLOSURES

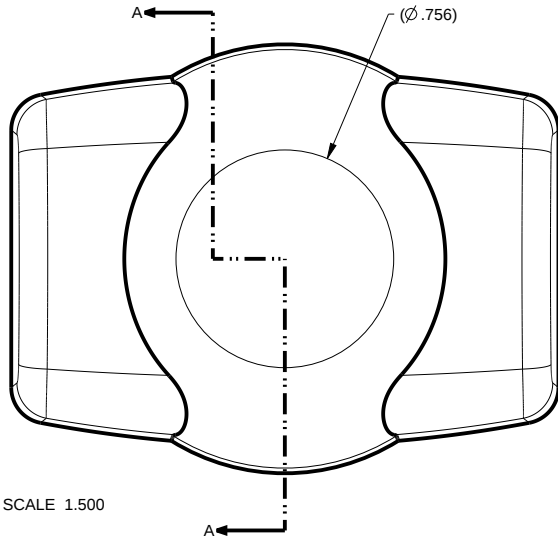
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PXX-191508X-XXX

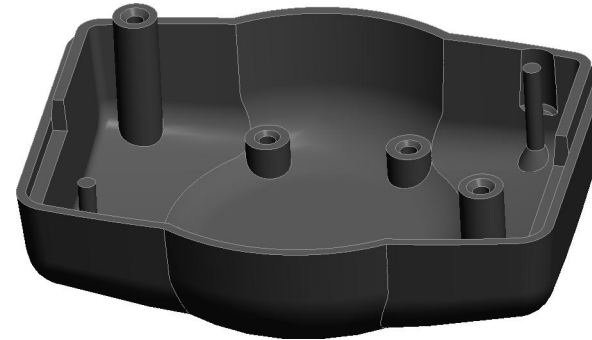
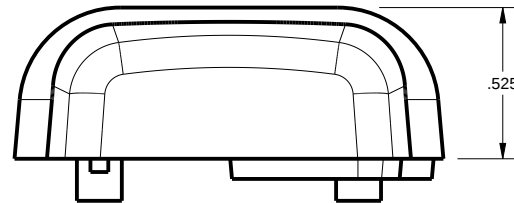
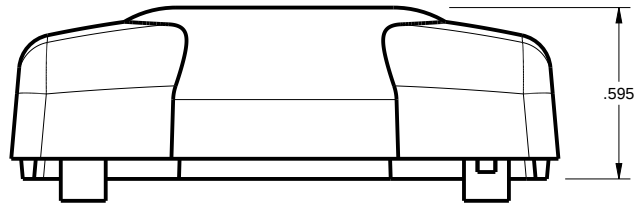
|      |              |
|------|--------------|
| SIZE | DRAWING NAME |
| A    | 191508_R1_0  |

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|-----------------|----------------|
| SHEET<br>3 OF 6 | REV.DOC<br>1.0 |
|-----------------|----------------|

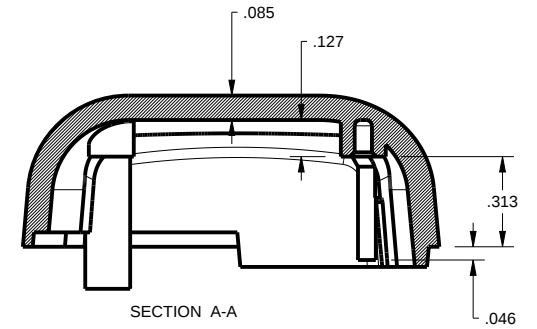
# 191510 COVER / BASE



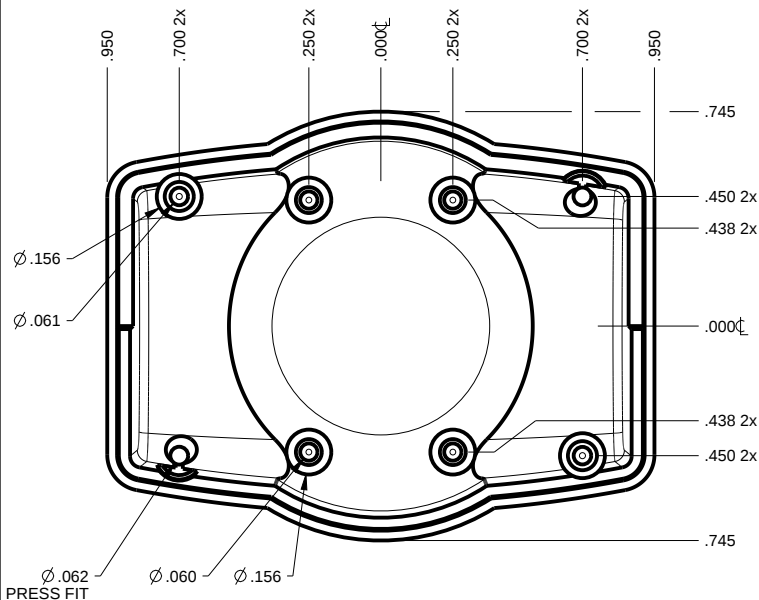
SCALE 1.500



SCALE 1.500



SECTION A-A



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: 191508

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY M BOYER 06-Apr-11

**NEW AGE ENCLOSURES**

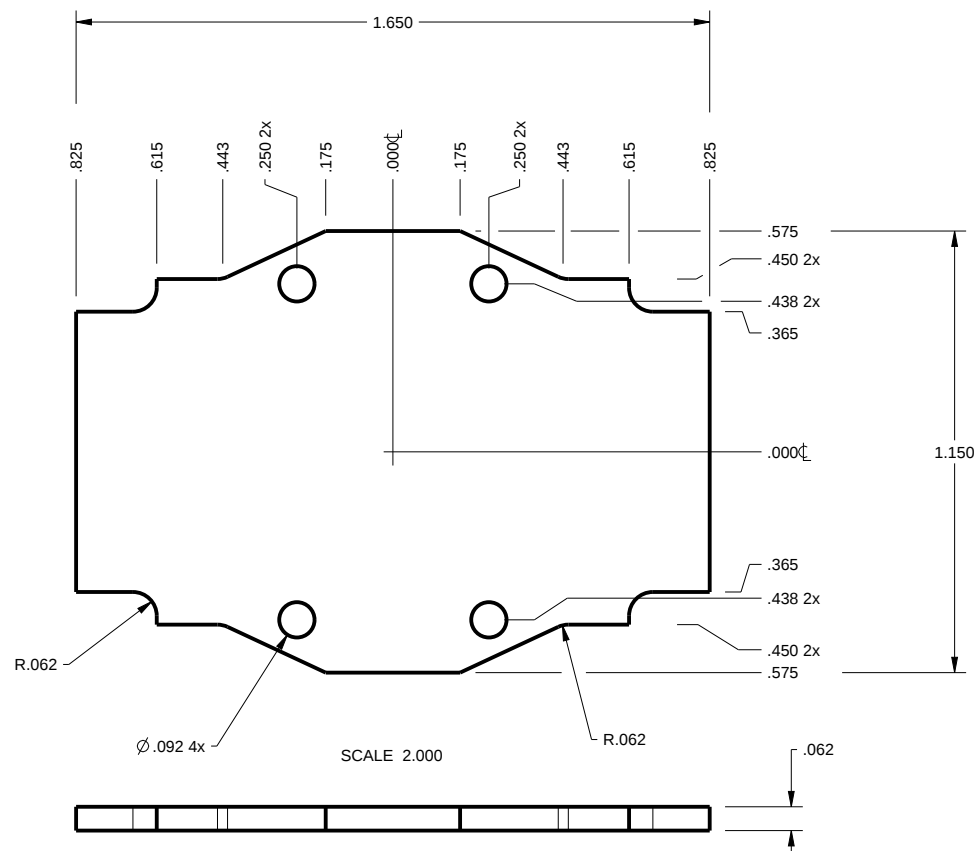
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**PXX-191508X-XXX**

SIZE A DRAWING NAME 191508\_R1\_0

SHEET 4 OF 6 REV.DOC 1.0

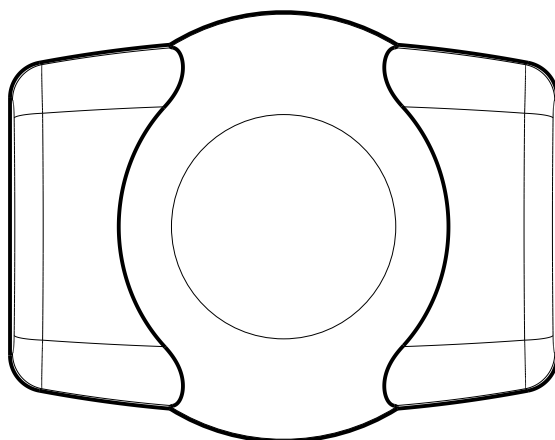
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SOLE RESPONSIBILITY OF THE OEM.



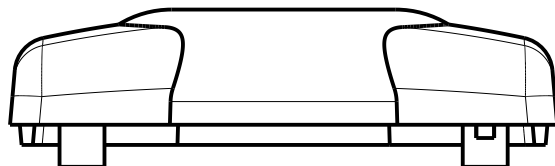
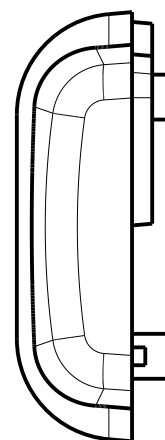
|                                                                                                                                |          |                                                                                                                                                                                               |                             |                 |                |
|--------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------|----------------|
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| APPROVAL                                                                                                                       | BY DATE  |                                                                                                                                                                                               |                             |                 |                |
| CHECK                                                                                                                          |          |                                                                                                                                                                                               |                             |                 |                |
| ENG.                                                                                                                           |          |                                                                                                                                                                                               |                             |                 |                |
| SCALE                                                                                                                          | AS NOTED |                                                                                                                                                                                               |                             |                 |                |
| DRAWN BY<br>M BOYER 06-Apr-11                                                                                                  |          | SIZE<br>A                                                                                                                                                                                     | DRAWING NAME<br>191508_R1_0 | SHEET<br>5 OF 6 | REV.DOC<br>1.0 |

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THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"



SCALE 1.500



PXX-191508-XXX COVER - ABS, BLACK

| STEP NO | DESCRIPTION | CUTTER        | FIXTURE | ORIENTATION | PROGRAM |
|---------|-------------|---------------|---------|-------------|---------|
| 1       | CUTOUT      | T2 = .062" EM | -       | SINGLE      | -       |
| 2       | CUTOUT      | T2 = .062" EM | -       | -           | -       |

PXX-191508-XXX COVER - ABS, BLACK

| STEP NO | DESCRIPTION | COLOR | CLICHE DESCRIPTION | CLICHE No. |
|---------|-------------|-------|--------------------|------------|
| 3       | PAD PRINT   |       |                    | CLXXXX     |

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X.XXX = .010 X.X" = 1"

NEW AGE ENCLOSURES  
Customer's Part No: 191508

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

|          |           |
|----------|-----------|
| DRAWN BY | 06-Apr-11 |
| M BOYER  |           |

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STANDARD - E.E.HOUSING  
PXX-191508X-XXX

|      |              |        |         |
|------|--------------|--------|---------|
| SIZE | DRAWING NAME | SHEET  | REV.DOC |
| A    | 191508_R1_0  | 6 OF 6 | 1.0     |

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