

The technical drawing illustrates the Wall Sensor Ring Front component through four primary views:

- Front View:** Shows a rectangular plate with a central elongated slot. Dimensions include a width of 3.416 inches and a height of 5.167 inches. Callout 'A' points to specific features.
- Side View:** Displays the profile of the part, indicating a thickness of 0.620 inches.
- Top View:** Provides a perspective from above, highlighting mounting holes and internal structures. A note specifies a diameter of Ø0.750 for a hole in this area.
- Bottom View:** Shows the underside of the component, detailing mounting tabs and alignment features.

NOTES

- IF DIMENSION IS NOT SPECIFIED, ASSUME TOLERANCE: ±0.015"
- 3D FILE DIMENSIONS SUPERSEDE DIMENSIONS IN THIS DOCUMENT.
- TOLERANCE FOR NOTED DIMENSIONS ARE AS FOLLOWS:
X.XX = ±0.010"
X.XXX = ±0.005"
- TOLERANCE FOR ALL ANGLES: ±0.5 DEGREES
- TOLERANCE FOR ALL RADII: ±0.005 OR 10%, WHICHEVER IS SMALLER.
- SURFACE IS CLEAN AND FREE OF BURRS AND ROUGH EDGES.
- REFER TO SOLID MODEL FOR DRAFT ANGLE ON SURFACES UNLESS OTHERWISE NOTED.
- REFER TO SOLID MODEL FOR CORNER AND FILLET RADII UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, ALL SURFACES TO BE MINIMUM OF SPI C3 FINISH. ALL TOOL AND CUTTER MARKS TO BE REMOVED.
- GATE, PARTING LINE, EJECTOR PIN LOCATIONS, AND OTHER FEATURES FOR TOOLING CONSIDERATIONS SHALL BE APPROVED BY ECOVENT BEFORE TOOL CONSTRUCTION.
- PARTING LINE FLASH, GATES, RUNNER, AND RISER STUBS 0.005" MAXIMUM.
- EJECTOR PIN MARKS SHALL BE FLUSH TO .003 UNDERFLUSH WITH SURFACE.
- VISIBLE SINK MARKS TO BE .0005" DEEP MAX ON ALL COSMETIC SURFACES.
- [♦] CALLOUTS ARE APPLIED TO TOLERANCES THAT MAY REQUIRE SPECIAL QUALITY CONTROL PROCESSES. QUALITY CONTROL INSTRUCTIONS ARE OUTSIDE THE SCOPE OF THIS DRAWING AND ARE DEFINED BY EXTERNAL DOCUMENTATION TO BE AGREED TO WITH THE MANUFACTURER.
- NO REGRIND ACCEPTABLE.
- INTERIOR OF PART TO SHOW PART NUMBER, TOOL AND CAVITY NUMBER, TOOL REVISION (ON EJECTOR PIN), AND MATERIAL SYMBOL.
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE APPLICABLE AT 20 DEGREES CELSIUS (68 DEGREES FAHRENHEIT) IN ACCORDANCE WITH ANSI/ASME B89.6.2.
- ALL HOMOGENOUS MATERIALS AND PROCESSES IN THIS DRAWING SHALL BE COMPLIANT TO THE EU ROHS DIRECTIVE 2011/65/EC.

NOTE: FACES MARKED 'A' ARE VISIBLE TO CUSTOMER, CONSIDERATIONS REGARDING GATE AND EJECTOR PIN LOCATION SHOULD BE MADE

| LETTER | FINISH | DESCRIPTION |
|--------|---------|--------------------|
| A | SPI D-1 | DULL FINISH |
| B | SPI A-3 | HIGH POLISH FINISH |

| REV | DESCRIPTION | ECO | DATE | BY |
|-----|------------------------------------|--------|----------|----|
| D | INITIAL TOOLING RELEASE | | | |
| E | INCREASE BOARD MOUNT BOSS DIAMETER | | | |
| F | LABEL CUTOUTS CHANGED | 000078 | 02/24/16 | TF |

MATERIAL:
L80518UV LTL COLOR COMPOUNDERS FRPA100X
WHITE (WHITE ABS/PC)-UV RESISTANT OR ECOVENT
APPROVED EQUIVALENT

FINISH: SEE TABLE

| | |
|---|--------------------|
| DO NOT SCALE DRAWING. WORK TO DIMENSION | |
| IF PLATING IS SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING UNLESS OTHERWISE SPECIFIED. | |
| 1. PERMISSIBLE TOLERANCES | DIMENSIONS=±0.015 |
| 2. ALL RIGHT ANGLES=90° | ANGLES=±0.5° |
| 3. DIMENSIONS GIVEN IN INCHES | CHAMFER ANGLES=±5° |
| CONCENTRICITY=0.010 T.I.R. | |

| | | |
|--------|-----|-----------------------------------|
| DESIGN | CTQ | CLASSIFICATION OF CHARACTERISTICS |
| ★ | ★★ | (CRITICAL) |
| ◆ | ◆◆ | (MAJOR) |


| | |
|---------|-------|
| REVIEW: | DATE: |
|---------|-------|

| | | |
|----------|------------------------|--------------|
| TITLE: | WALL SENSOR RING FRONT | A2 |
| PART NO. | 602-00004 | SHEET 1 OF 2 |

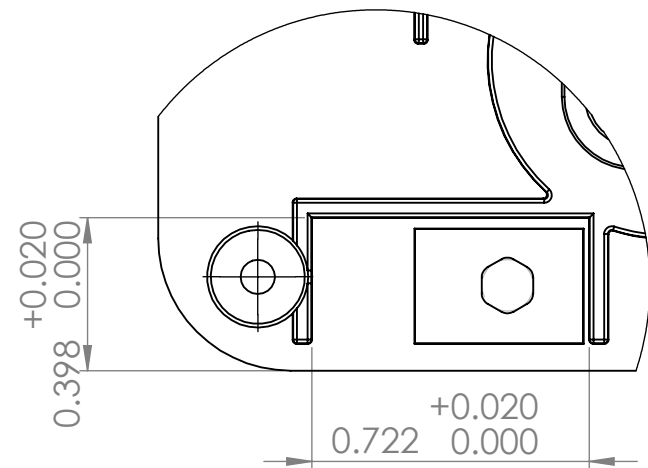
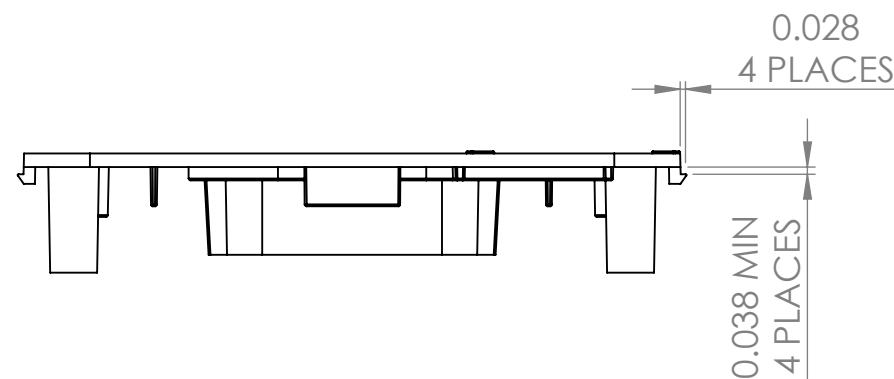
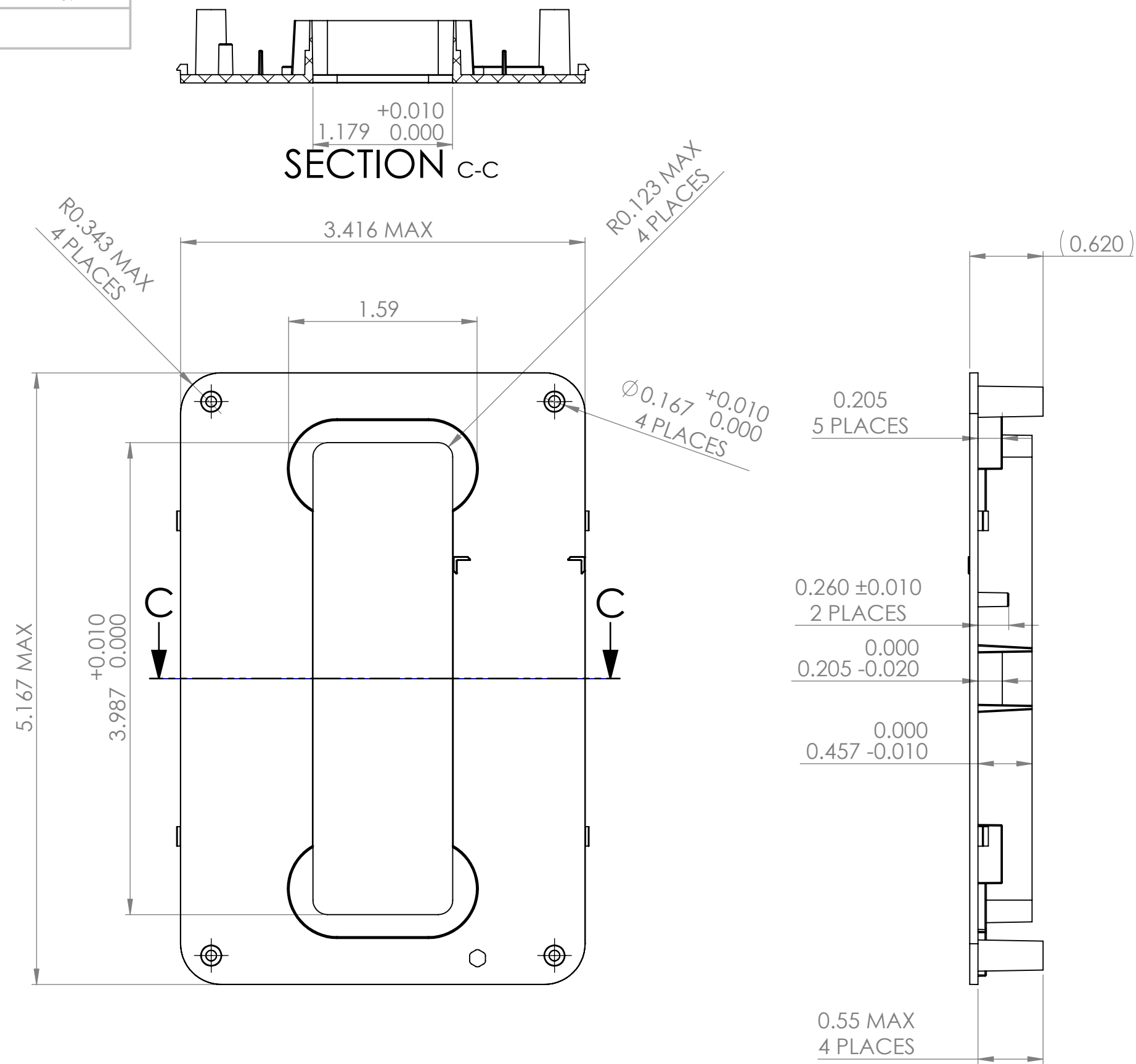
SCALE:1:1

THIS DOCUMENT IS THE PROPERTY OF ECOVENT. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED HEREIN MAY BE USED, REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT ECOVENT WRITTEN CONSENT.

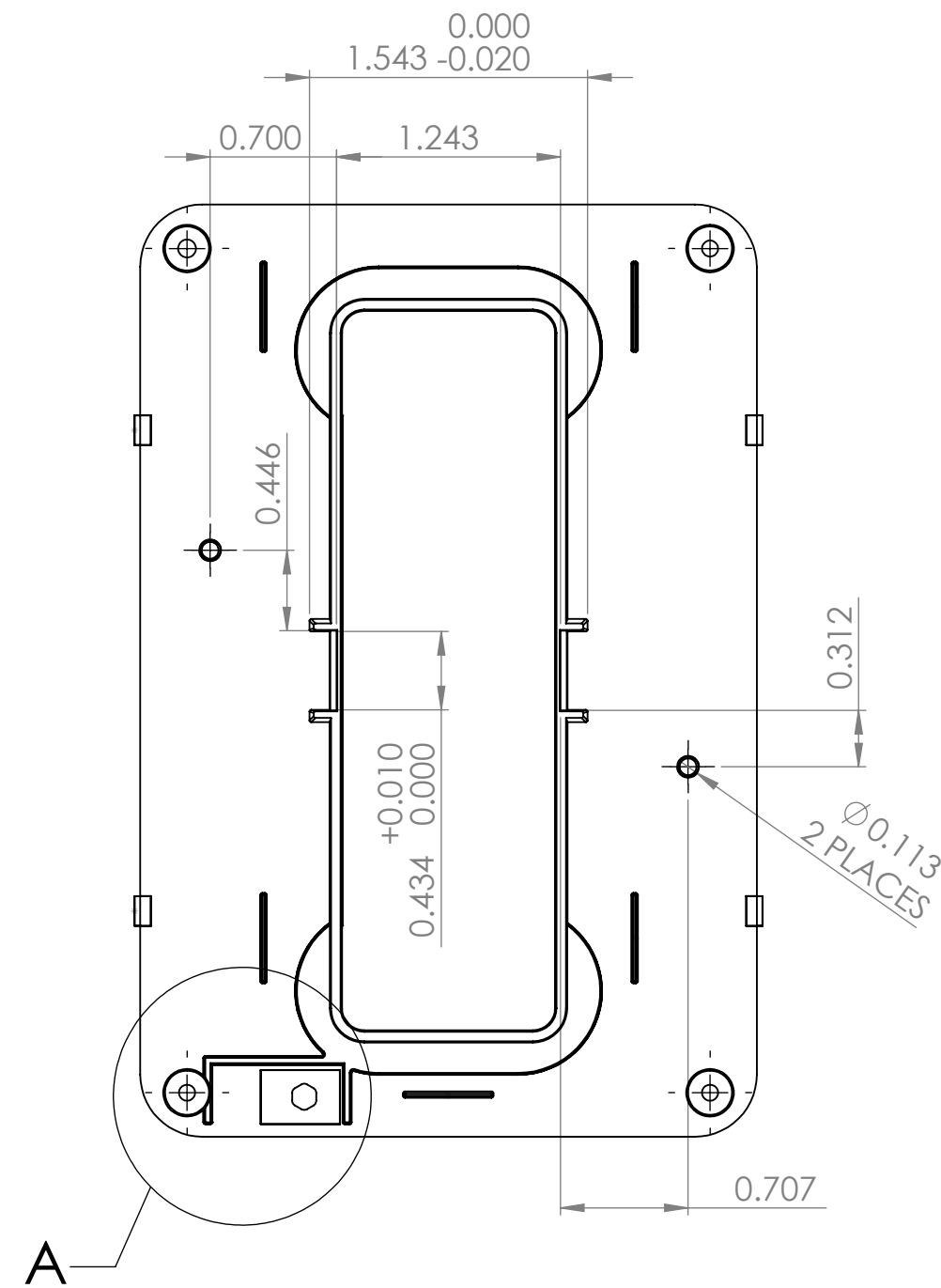
| | | |
|--|---------|------|
| | FINISH | DE |
| | SPI D-1 | D |
| | SPI A-3 | HIGH |

| | | | | | | | | |
|--|------------------------------------|--------|----------|----|---|---|-----|-----------------------------------|
| REV | DESCRIPTION | ECO | DATE | BY | DO NOT SCALE DRAWING. WORK TO DIMENSION | | | |
| D | INITIAL TOOLING RFL FASE | | | | IF PLATING IS SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING UNLESS OTHERWISE SPECIFIED. DIMENSIONS=+0.015 | | | |
| E | INCREASE BOARD MOUNT BOSS DIAMETER | | | | ANGLE=+0.5° | | | |
| F | LABEL CUTOUTS CHANGED | 000078 | 02/24/16 | TF | 1. PERMISSIBLE TOLERANCES 2. ALL RIGHT ANGLES=90° 3. DIMENSIONS GIVEN IN INCHES CHAMFER ANGLES=45° CONCENTRICITY=0.010 T.I.R. | | | |
| | | | | | NOTICE: CHANGES TO MATERIAL, DESIGN, CONFIGURATION OR PROCESS MAY NOT BE MADE WITHOUT NOTIFICATION TO ECOVENT. ALL MATERIALS AND PROCESSES MUST BE COMPLIANT WITH ENVIRONMENTAL LAWS AND REGULATIONS AS REFERENCED IN XXXXX | DESIGN | CTG | CLASSIFICATION OF CHARACTERISTICS |
| | | | | | | ★ | ★ | [CRITICAL] |
| | | | | | ◆ | ◆◆ | | [MAJOR] |
| | | | | | | REVIEW: | | DATE: |
| MATERIAL: L80518UV LTL COLOR COMPOUNDERS FRPA 100X WHITE (WHITE ABS/PC)-UV RESISTANT OR ECOVENT APPROVED EQUIVALENT | | | | | TITLE: | WALL SENSOR RING FRONT | | A2 |
| FINISH | | | | | PART NO. | 602-00004 | | SHEET 1 OF 2 |
| SEE TABLE | | | | | SCALE: 1:1 | THIS DOCUMENT IS THE PROPERTY OF ECOVENT. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED HEREIN MAY BE USED, REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT THE WRITTEN PERMISSION OF ECOVENT. | | |
| DESCRIPTION | | | | |  | | | |

| | |
|----------------------|-----------------|
| ENG. APPROVED SOURCE | SOURCE PART NO. |
| | |



DETAIL A
SCALE 2 : 1



NOTES

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| REV | DESCRIPTION | ECO | DATE | BY | DO NOT SCALE DRAWING. WORK TO DIMENSION | | |
|--|------------------------------------|--------|----------|----|---|---|-----------------------------------|
| D | INITIAL TOOLING RELEASE | | | | IF PLATING IS SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING UNLESS OTHERWISE SPECIFIED. | | |
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| F | LABEL CUTOUTS CHANGED | 000078 | 02/24/16 | TF | 2. ALL RIGHT ANGLES=90° ANGLES= ± 0.5 " | | |
| | | | | | 3. DIMENSIONS GIVEN IN INCHES CONCENTRICITY=0.010 T.I.R. | | |
| | | | | | NOTICE: CHANGES TO MATERIAL, DESIGN, CONFIGURATION OR PROCESS MAY NOT BE MADE WITHOUT NOTIFICATION TO ECOVENT. ALL MATERIALS AND PROCESSES MUST BE COMPLIANT WITH ENVIRONMENTAL LAWS AND REGULATIONS AS REFERENCED IN XXXXX | | |
| | | | | | DESIGN | CTQ | CLASSIFICATION OF CHARACTERISTICS |
| | | | | | ★ | ★★ | (CRITICAL) |
| | | | | | ◆ | ◆◆ | (MAJOR) |
| | | | | | REVIEW: | DATE: | |
| MATERIAL: L80518UV LTL COLOR COMPOUNDERS FRPA100X WHITE (WHITE ABS/PC)-UV RESISTANT OR ECOVENT APPROVED EQUIVALENT | | | | | TITLE: WALL SENSOR RING FRONT | A2 | |
| FINISH: SEE TABLE | | | | | PART NO: 602-00004 | SHEET 2 OF 2 | |
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