

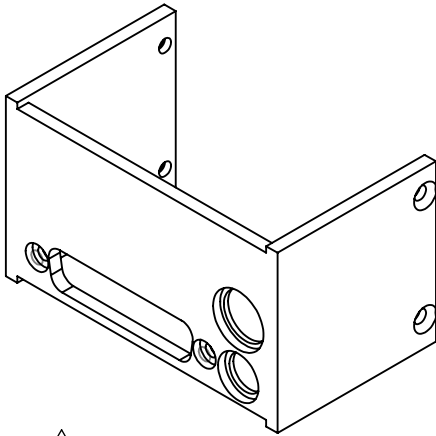
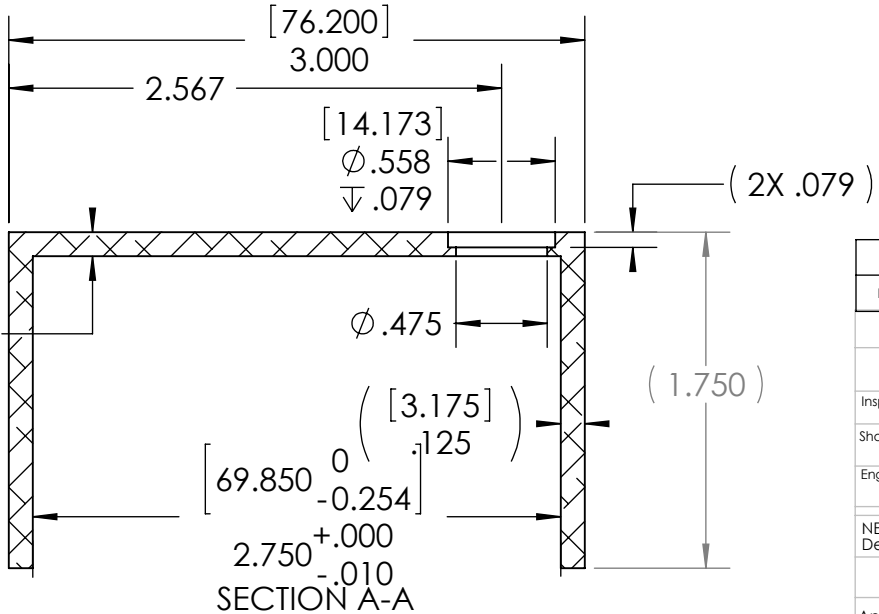
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| INITIAL RELEASE |      | REVISIONS                         |            | X/XX/01  | J.E. |
|-----------------|------|-----------------------------------|------------|----------|------|
| ZONE            | REV. | DESCRIPTION                       | DATE       | APPROVED |      |
|                 | A    | ADDED VendorNo                    | 11/9/2009  | J.E.     |      |
|                 | B    | ADDED CNTR BORE CALL_OUT 3 PLACES | 11/19/2009 | J.E.     |      |
|                 | C    | CHG "D" CONN CUT_OUT DIM'S        | 11/19/2009 | J.E.     |      |
|                 | D    | CHG.D-SUB DIM'S                   | 7/27/2010  | J.E.     |      |

MASK HERE 2 PLACES

2X  $\phi$ .134 THRU  
 $\nabla$   $\phi$ .248 X 90°  
MASK HERE 4 PLACES

8. Finish: Blue Anodize per MIL-A-8625F  
Type IIB Class 2
7. PROJECT LIBRARY:\ChemSensors\  
JonE\ISUS\_Spectro\_Hsg
- NOTES: (CONT. FROM TITLE BLOCK)



|                       |                  |                                                                                                           |                                 |                                |                      |
|-----------------------|------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|----------------------|
| 1                     | 1                | 3218C63 Extruded Channel                                                                                  | ISUS Spectrometer Case Conn End |                                | 6063-T52             |
| ITEM NO.              | QTY.             | VendorNo                                                                                                  | DESCRIPTION                     | Vendor                         | MATERIAL             |
| BILL OF MATERIALS     |                  |                                                                                                           |                                 |                                |                      |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                                 | APPROVALS DATE                 |                      |
| Inspector             |                  | 1 PLACE DIM $\pm 1/16$                                                                                    | 2 PLACE DIM $\pm .02$           | 3 PLACE DIM $\pm .005$         | ANGLES $\pm 1^\circ$ |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES                                                                               |                                 | DRAWN J. ERICKSON 9/29/09      |                      |
| Engineer              |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                                 | ENGINEER J. ERICKSON 9/29/09   |                      |
|                       |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                                 | CHECKED                        |                      |
|                       |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                                 | PROJECT NO. 900917             |                      |
| NEXT ASSY Description | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                                 | PROJECT CHEMICAL SENSORS       |                      |
|                       | A-200781-09      | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                                 | WEIGHT 0.113 LB.               |                      |
| Application           |                  | DO NOT SCALE DRAWING                                                                                      |                                 | SIZE B                         |                      |
|                       |                  |                                                                                                           |                                 | SCALE 1:1                      |                      |
|                       |                  |                                                                                                           |                                 | CADD FILE: MECH ENG ON TORNADO |                      |
|                       |                  |                                                                                                           |                                 | SHEET 1 OF 1                   |                      |

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ISUS - APEX FLOAT  
ISUS Spectrometer Case Conn End  
P-200778-09.DWG