NOTES.
1. DIAGNOSTIC TO BE ATTACHED TO MAST RECIPROCATING PROBE.
NOTES.
1. MODULE WITH BASES.
NOTES:
1. WASHER MADE TO FIT INSIDE MODULE.
2. 4 OF THESE PIECES NEEDED.

\[ \Phi \, 0.672/-.005 \]
\[ \Phi \, 0.250/-.005 \]
\[ 0.045/-.005 \]
\[ 0.04/-.03 \]
\[ 0.04+/-0.03 \]
\[ 0.1+/-0.03 \]
NOTES.
1. WASHER MADE TO FIT INSIDE MODULE.
2. 4 OF THESE PIECES NEEDED.

SECTION A - A

1. WASHER MADE TO FIT INSIDE MODULE.
2. 4 OF THESE PIECES NEEDED.
NOTES:
1. BASE IS MADE TO FIT TO BOTTOM OF MODULE; ALL BORED HOLES MUST ALIGN WITH BOTTOM OF MODULE.
2. BORE THRU HOLE FOR A 4-40 .112 INCH DIAMETER SOCKET HEAD CAP SCREW.

ALL DIMENSIONS ARE IN INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

2 X Ø .112

.543 Ø .57

.445

101

.0625

.81

1.086
NOTES:
1. MODULE MADE TO ASSEMBLED WITH BASES, SHIELD, AND CONNECTOR; CORRESPONDING HOLES SHOULD ALIGN.
2. BORE .501 INCHES FOR A .112 INCH DIAMETER HOLE.
3. BORE THRU FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU .197 INCH DIAMETER HOLE.
5. BORE THRU FOR A 4-40 .112 INCH DIAMETER SOCKET CAP SCREW.
6. BORE THRU FOR A .112 INCH DIAMETER HOLE.
7. BORE THRU FOR 1/4-20 .25 INCH DIAMETER SHOULDER SCREW.

1. MODULE MADE TO ASSEMBLED WITH BASES, SHIELD, AND CONNECTOR; CORRESPONDING HOLES SHOULD ALIGN.
2. BORE .501 INCHES FOR A .112 INCH DIAMETER HOLE.
3. BORE THRU FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU .197 INCH DIAMETER HOLE.
5. BORE THRU FOR A 4-40 .112 INCH DIAMETER SOCKET CAP SCREW.
6. BORE THRU FOR A .112 INCH DIAMETER HOLE.
7. BORE THRU FOR 1/4-20 .25 INCH DIAMETER SHOULDER SCREW.
NOTES.
1. ASSEMBLED CONNECTOR WITH AND WITHOUT BRONZE WASHER

1. ASSEMBLED CONNECTOR WITH AND WITHOUT BRONZE WASHER
NOTES:
1. CONNECTOR PIECE 1 IS MADE TO BE WELDED TO CONNECTOR PIECE 3.
2. HOLES OF CONNECTOR PIECE 1 SHOULD ALIGN SHOULD ALIGN WITH CORRESPONDING HOLES OF
   MODULE.
3. BORE THRU HOLE FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU FOR A .112 INCH DIAMETER HOLE.

ALL DIMENSIONS ARE IN
INCHES,
TOLERANCES UNLESS
OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

1. CONNECTOR PIECE 1 IS MADE TO
   BE WELDED TO CONNECTOR PIECE 3.
2. HOLES OF CONNECTOR PIECE 1 SHOULD ALIGN SHOULD ALIGN WITH CORRESPONDING HOLES OF
   MODULE.
3. BORE THRU HOLE FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU FOR A .112 INCH DIAMETER HOLE.
NOTES.
1. CONNECTOR PIECE 2 IS MADE TO BE WELDED TO CONNECTOR PIECE 3.
2. HOLES OF CONNECTOR PIECE 2 SHOULD ALIGN WITH CORRESPONDING HOLES OF
   MODULE.
3. BORE THRU HOLE FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU FOR A .112 INCH DIAMETER HOLE.

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

1. CONNECTOR PIECE 2 IS MADE TO BE WELDED TO CONNECTOR PIECE 3.
2. HOLES OF CONNECTOR PIECE 2 SHOULD ALIGN WITH CORRESPONDING HOLES OF
   MODULE.
3. BORE THRU HOLE FOR A 1/4-20 .25 INCH DIAMETER BUTTON SOCKET HEAD CAP SCREW.
4. BORE THRU FOR A .112 INCH DIAMETER HOLE.
NOTES.
1. CONNECTOR PIECES 1, 2, AND 4 ARE MADE TO WELD TO CONNECTOR PIECE 3.
2. BOTH .25 INCH DIAMETER HOLES ALIGN WITH CORRESPONDING HOLES ON SHIELD.
3. BORE THRU FOR A 1/4-20 .25 INCH DIAMETER SHOULDER SCREW (SHOULDER LENGTH .25 INCHES, SHOULDER DIAMETER .3125 INCHES, THREAD LENGTH .4375 INCHES).

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

NOTES.
1. CONNECTOR PIECES 1, 2, AND 4 ARE MADE TO WELD TO CONNECTOR PIECE 3.
2. BOTH .25 INCH DIAMETER HOLES ALIGN WITH CORRESPONDING HOLES ON SHIELD.
3. BORE THRU FOR A 1/4-20 .25 INCH DIAMETER SHOULDER SCREW (SHOULDER LENGTH .25 INCHES, SHOULDER DIAMETER .3125 INCHES, THREAD LENGTH .4375 INCHES).

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

NOTES.
1. CONNECTOR PIECES 1, 2, AND 4 ARE MADE TO WELD TO CONNECTOR PIECE 3.
2. BOTH .25 INCH DIAMETER HOLES ALIGN WITH CORRESPONDING HOLES ON SHIELD.
3. BORE THRU FOR A 1/4-20 .25 INCH DIAMETER SHOULDER SCREW (SHOULDER LENGTH .25 INCHES, SHOULDER DIAMETER .3125 INCHES, THREAD LENGTH .4375 INCHES).

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

NOTES.
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TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

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ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5
NOTES:
1. CONNECTOR PIECE 4 IS MADE TO BE WELDED TO CONNECTOR PIECE 3.
2. BORE THRU .354 INCH DIAMETER HOLE.
3. BRONZE WASHER H7/p6 PRESS FIT.

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<th>ITEM #</th>
<th>DRAWING #</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>THIS</td>
<td>SS 316 PIECE</td>
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<tr>
<td>2</td>
<td>THIS</td>
<td>INSERT BRONZE WASHER</td>
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</tbody>
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NOTE 1.
CONNECTOR PIECE 4 IS MADE TO BE WELDED TO CONNECTOR PIECE 3.

NOTE 2.
BORE THRU .354 INCH DIAMETER HOLE.

NOTE 3.
BRONZE WASHER H7/p6 PRESS FIT.

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX  +/- .01  +/- .5
NOTES:
1. SHIELD IS MADE TO FIT OVER MODULE AND CONNECTION, HOLES MUST ALIGN.
2. BORE THRU FOR THE .3125 INCH SHOULDER DIAMETER (0.25 INCH SHOULDER LENGTH) OF A SHOULDER SCREW.
3. BORE THRU .197 INCH DIAMETER HOLE.

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5

NOTES.
1. SHIELD IS MADE TO FIT OVER MODULE AND CONNECTION, HOLES MUST ALIGN.
2. BORE THRU FOR THE .3125 INCH SHOULDER DIAMETER (0.25 INCH SHOULDER LENGTH) OF A SHOULDER SCREW.
3. BORE THRU .197 INCH DIAMETER HOLE.

ALL DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XXX +/- .01 +/- .5