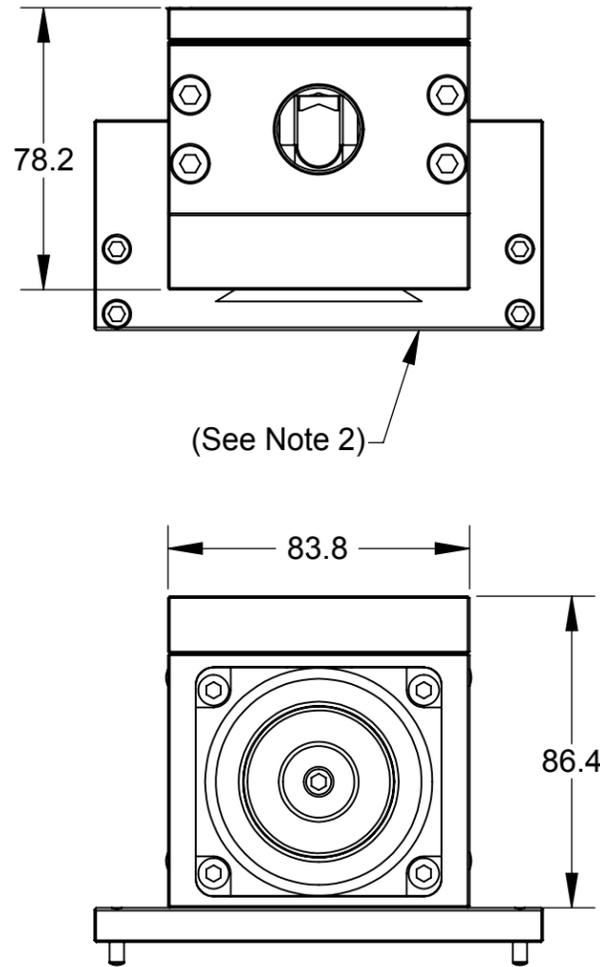


"DANGER!" - Electrical Shock Hazard

This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

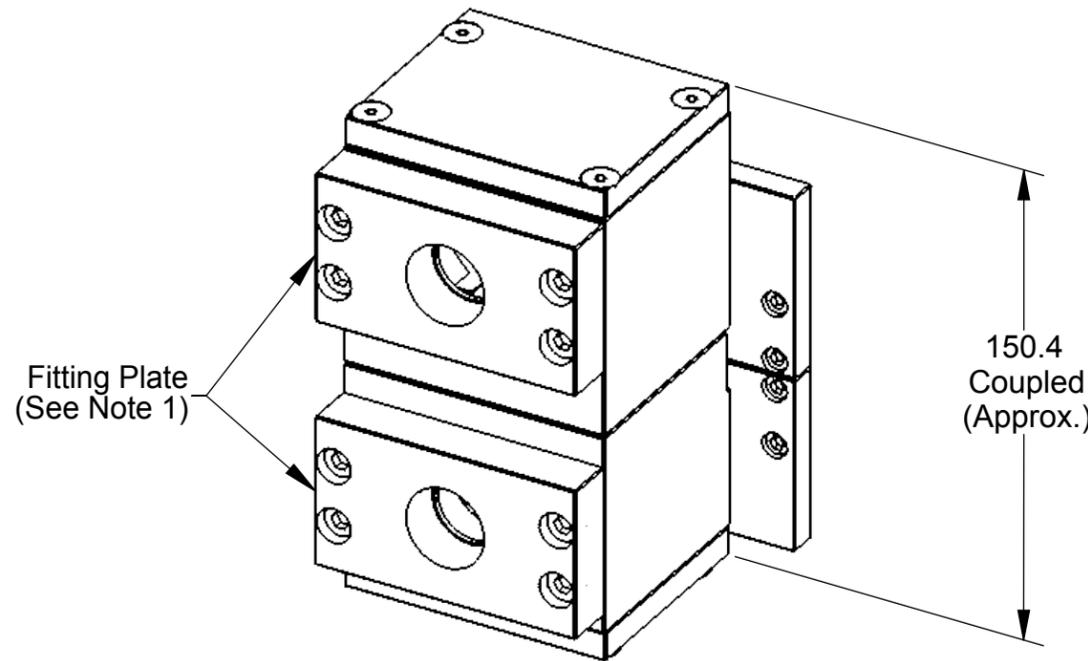
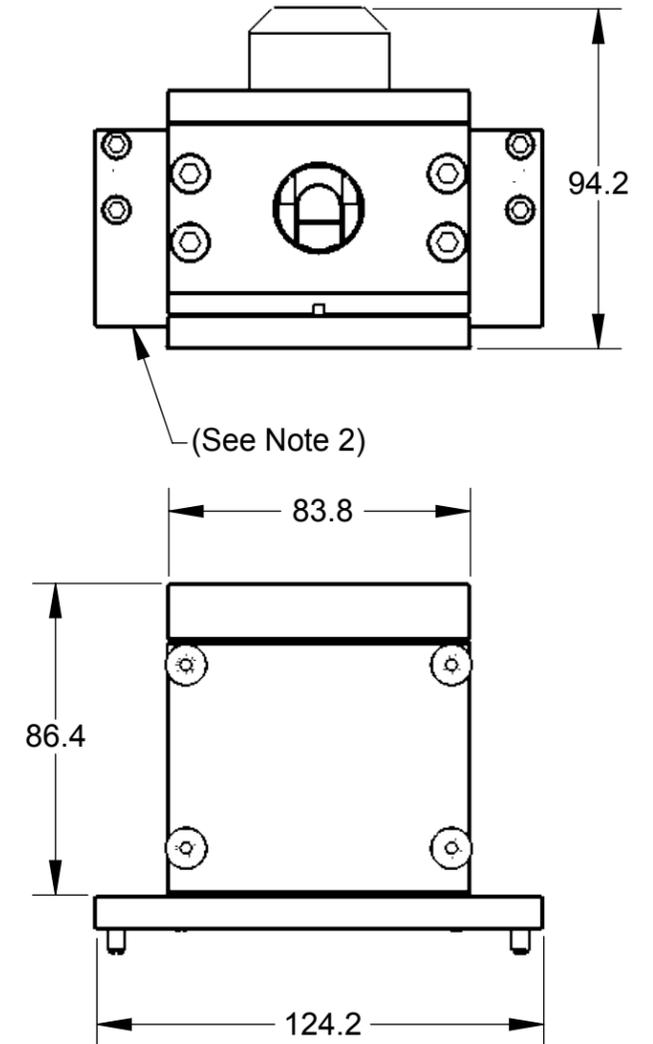
| Rev. | Description | Initiator | Date |
|------|---|-----------|-----------|
| 08 | ECO 17157: Sheet 2 & 3: Replaced 3700-20-2594 with 3700-20-10932. Resorted BOM table. | TBC | 8/28/2018 |

PG0 Master Module (9120-PG0-M)



Caution: The use of stiff heavy stranded cables can cause improper operation of the module by preventing compliant motion of its contacts. ATI requires the customer supplied cables be of high-flex type with fine stranding to allow contact motion.

PG0 Tool Module (9120-PG0-T)



Note:

1. Fitting plates available in the following thread sizes:
3/4 NPT
PG21
2. Adapter plate required determined by tool changer.

Operation:

1. Do not couple or uncouple modules unless electrical power has been disconnected and discharged both upstream and downstream from the modules.
2. The installation of over-current protection in the primary power supply circuit is recommended.
3. For best results ensure contacts are free of debris.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



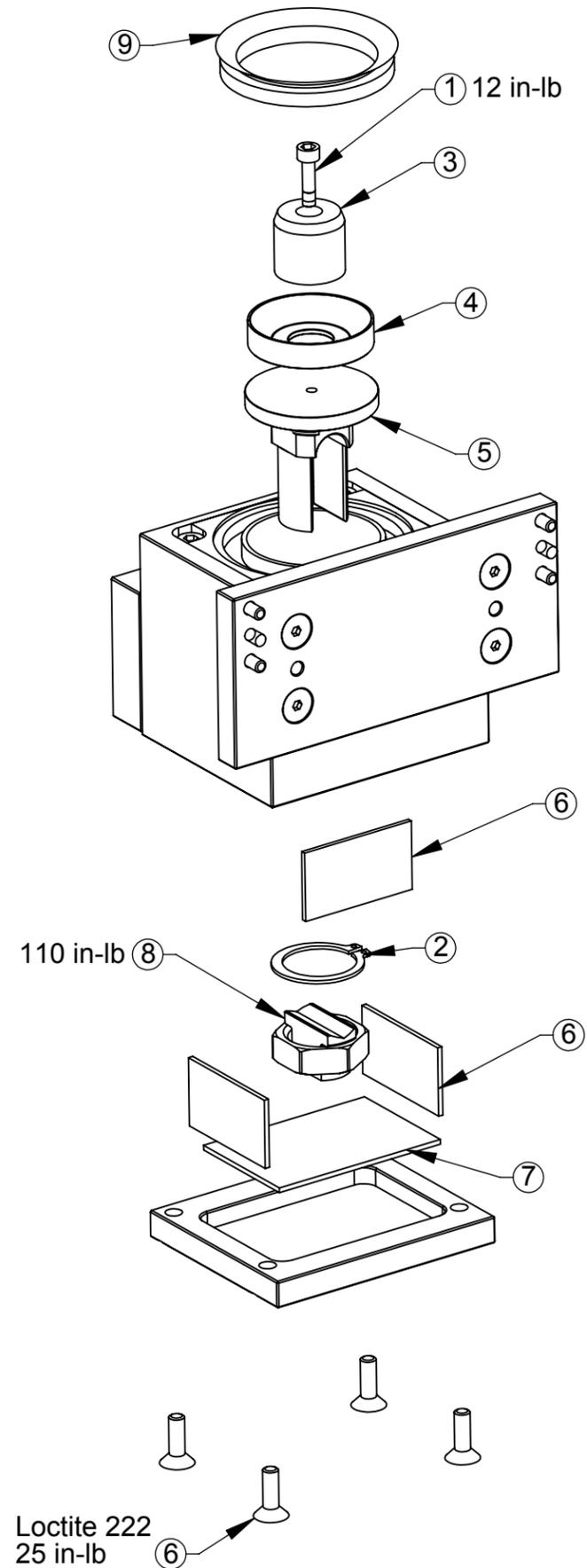
3rd ANGLE PROJECTION



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| | | | |
|--------------------------------|--------------|--------------------|--------|
| DRAWN BY: P.Sparrow, 12/22/03 | | TITLE | |
| CHECKED BY: B.Digeso, 12/22/03 | | PG0 Module Drawing | |
| PROJECT # 030228-2 | SHEET 1 OF 3 | SCALE 1:3 | SIZE B |
| DRAWING NUMBER 9630-20-PG0 | | REVISION 08 | |



PG0-M Serviceable Parts

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|------------------|---------------------------------------|
| 1 | 1 | 3500-1062016-15A | M4-0.7 x 16mm SHCS, Blue, Pre-Applied |
| 2 | 1 | 3690-7500001-11 | Retaining Ring, 1" Alloy |
| 3 | 1 | 3700-20-2582 | CENTER INSULATOR, HA6 |
| 4 | 1 | 3700-20-2583 | MASTER CONTACT, HA6 |
| 5 | 1 | 3700-20-2584 | MASTER CONTACT BASE, HA6 |
| 6 | 3 | 3700-20-4448 | Side Cover Insulator, PG0/HA6 |
| 7 | 1 | 3700-20-4449 | Back Cover Insulator, PG0 |
| 8 | 1 | 3700-20-10932 | SPLIT-BOLT CABLE CLAMP |
| 9 | 1 | 4010-0000046-01 | V-RING, V-50A |

NOTES: UNLESS OTHERWISE SPECIFIED.

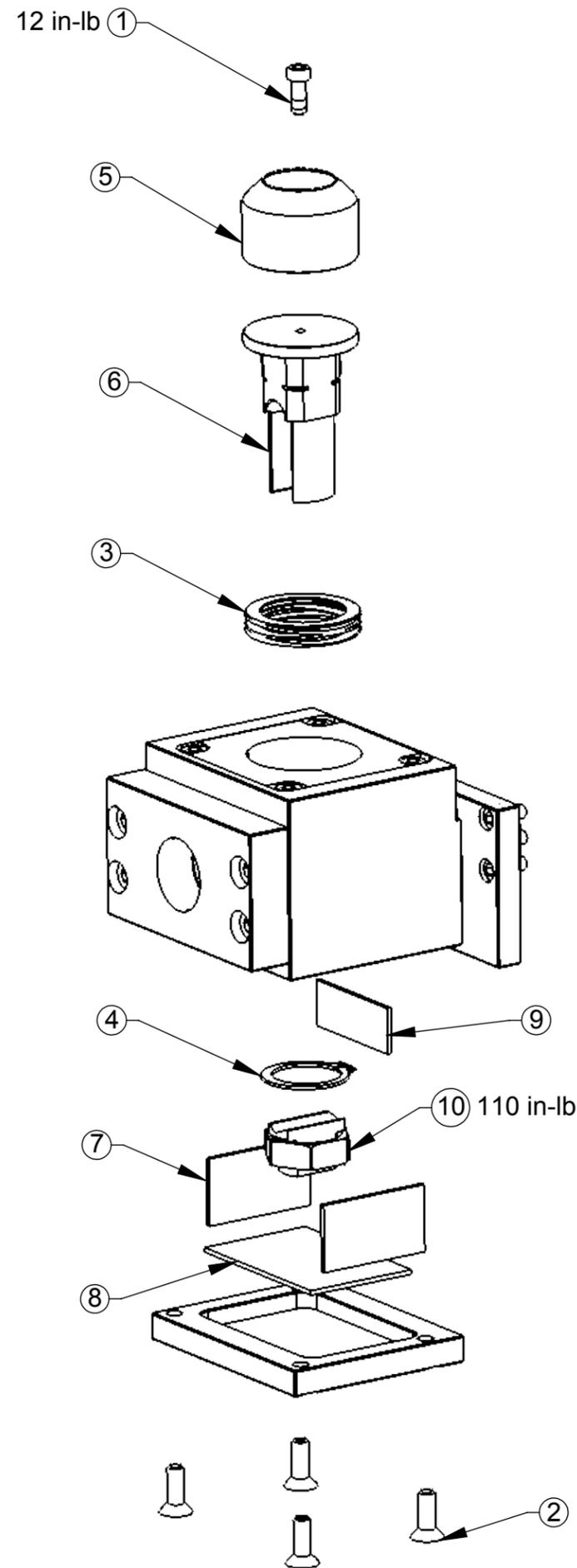
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|---------------------------------|--|-----------------------------|------|----------------|
| DRAWN BY: P.Sparrow, 12/22/03 | | TITLE PG0 Module Drawing | | |
| CHECKED BY: B.Digeso, 12/22/03 | | SCALE | SIZE | DRAWING NUMBER |
| PROJECT # 030228-2 SHEET 2 OF 3 | | 1:3 | B | 9630-20-PG0 |
| | | | | REVISION 08 |

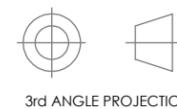


PG0-T Serviceable Parts

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|------------------|---|
| 1 | 1 | 3500-1062012-15A | M4-0.7 x 12mm SHCS, Blue, Pre-Applied |
| 2 | 4 | 3500-1263016-15 | M5 x 16 SHCS, Class 10.9, Blue Dyed Magni-565 |
| 3 | 1 | 3610-8801301-21 | WAVE SPRING, 1.5ODx1.15ID |
| 4 | 1 | 3690-7500001-11 | Retaining Ring, 1" Alloy |
| 5 | 1 | 3700-20-2592 | TOOL CONTACT, HA6 |
| 6 | 1 | 3700-20-2593 | TOOL CONTACT BASE, HA6 |
| 7 | 2 | 3700-20-4448 | Side Cover Insulator, PG0/HA6 |
| 8 | 1 | 3700-20-4449 | Back Cover Insulator, PG0 |
| 9 | 1 | 3700-20-6162 | Lower Thru Pocket Insulator, PG0 |
| 10 | 1 | 3700-20-10932 | SPLIT-BOLT CABLE NUT, 7/8-14 |

NOTES: UNLESS OTHERWISE SPECIFIED.

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| | | | |
|--------------------------------|--------------|----------------------------|-------------|
| DRAWN BY: P.Sparrow, 12/22/03 | | TITLE | |
| CHECKED BY: B.Digeso, 12/22/03 | | PG0 Module Drawing | |
| PROJECT # 030228-2 | SHEET 3 OF 3 | SCALE 1:3 | SIZE B |
| | | DRAWING NUMBER 9630-20-PG0 | REVISION 08 |