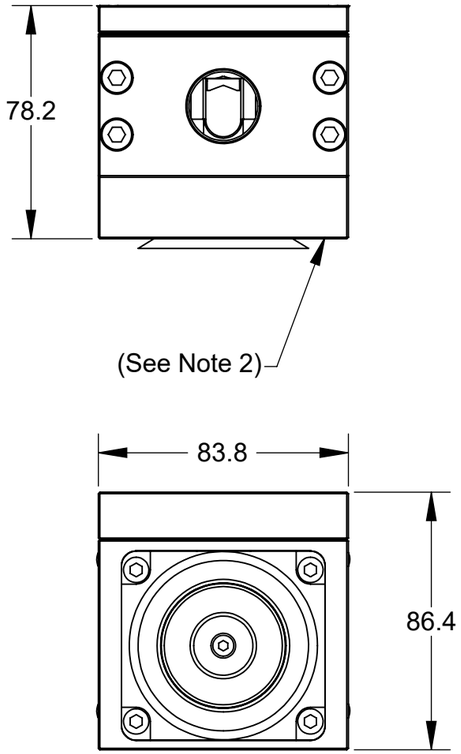
Rev.	Description	Initiator	Date
09	ECO 22287: Replaced 9120-PG0-M-3073 model with 9120-PG0-M and 9120-PG0-T-3074 model with 9120-PG0-T	DS	11/13/2025

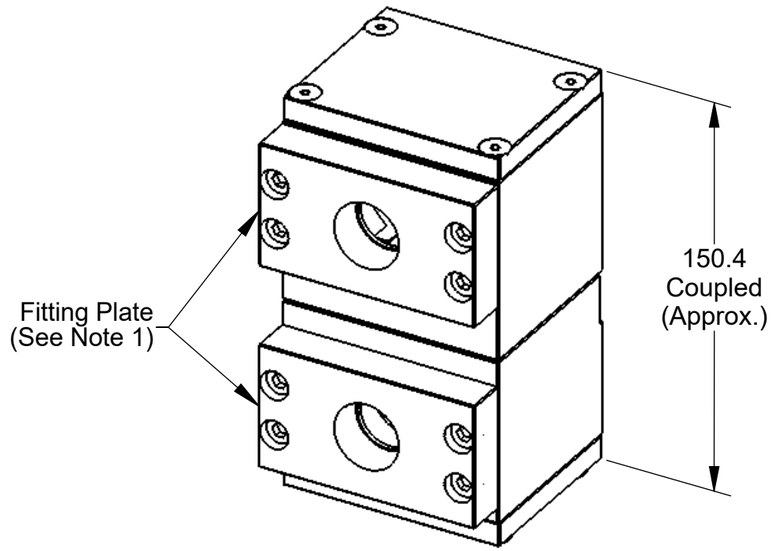
"DANGER!" - Electrical Shock Hazard

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.

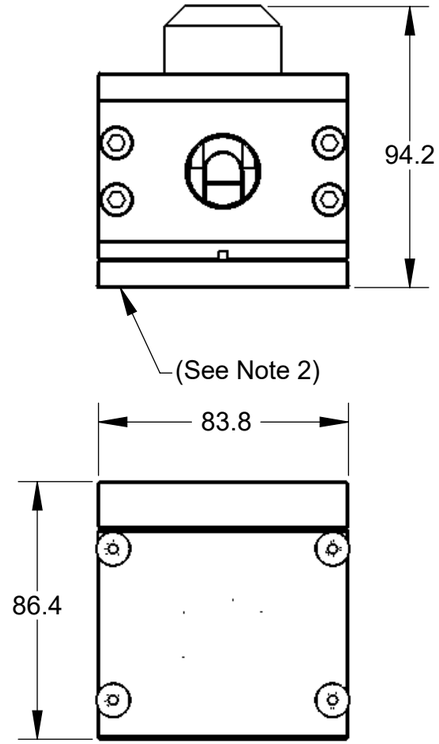
PG0 Master Module (9120-PG0-M)



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

ATI INDUSTRIAL AUTOMATION

1031 Goodworth Drive, Apex, NC 27539, USA
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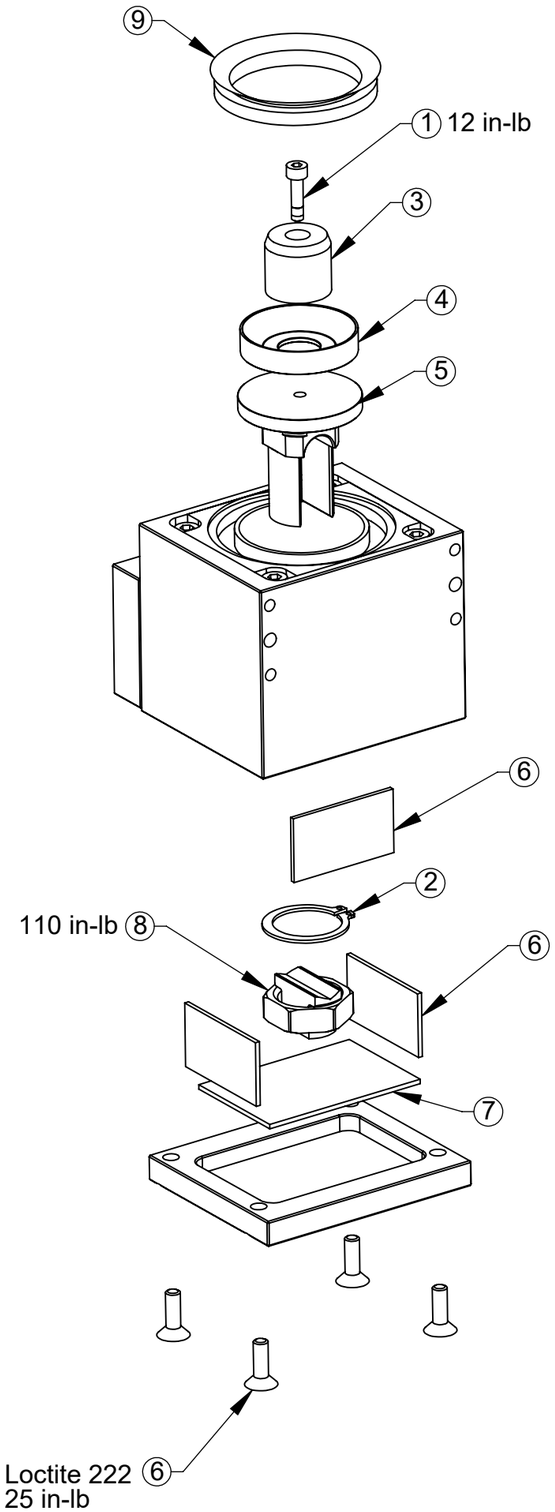
DRAWN BY: P.Sparrow, 12/22/03

CHECKED BY: B.Digeso, 12/22/03

PROJECT # 030228-2 SHEET 1 OF 3

TITLE: PG0 Module Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:3	B	9630-20-PG0	09



PG0-M Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	3500-1062016-15A	M4-0.7 x 16mm SHCS, CPC, 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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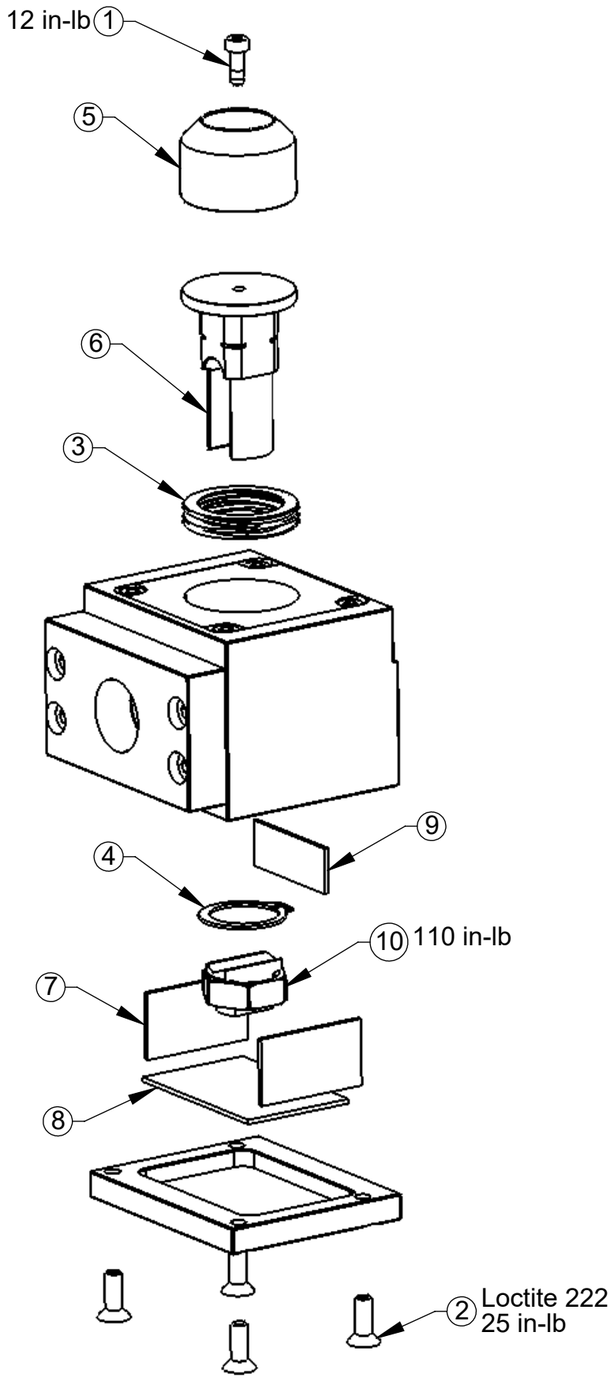
DRAWN BY: P.Sparrow, 12/22/03

CHECKED BY: B.Digeso, 12/22/03

PROJECT # 030228-2 SHEET 2 OF 3

TITLE: PG0 Module Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:3	B	9630-20-PG0	09



PG0-T Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	3500-1062012-15A	M4-0.7 x 12mm SHCS, CPC, 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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3rd ANGLE PROJECTION

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DRAWN BY: P.Sparrow, 12/22/03

CHECKED BY: B.Digeso, 12/22/03

PROJECT # 030228-2 SHEET 3 OF 3

TITLE: PG0 Module Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:3	B	9630-20-PG0	09