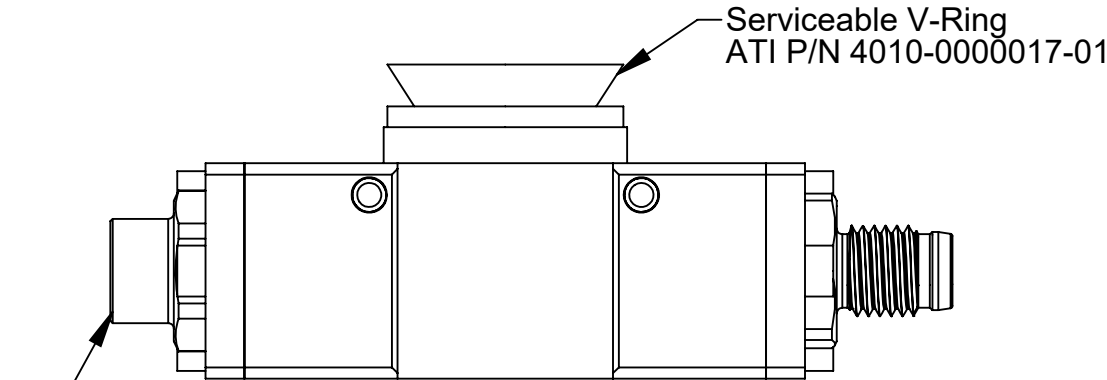
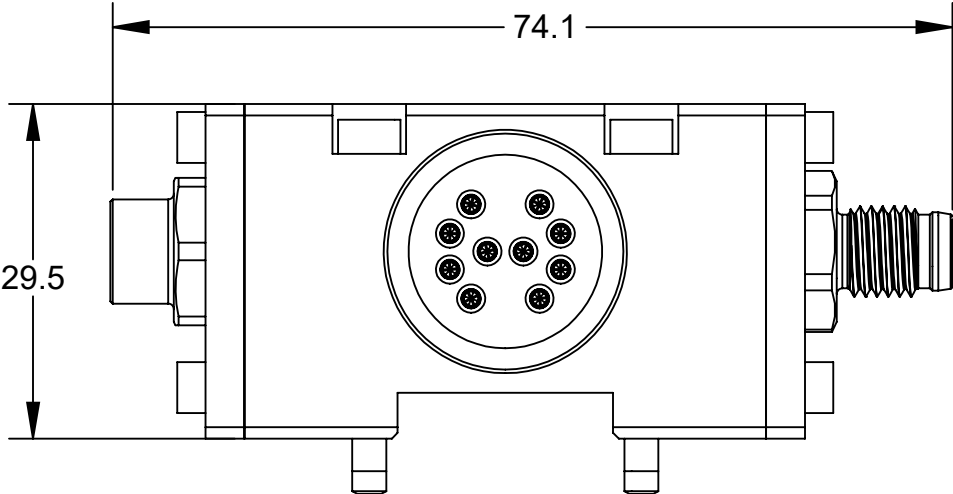
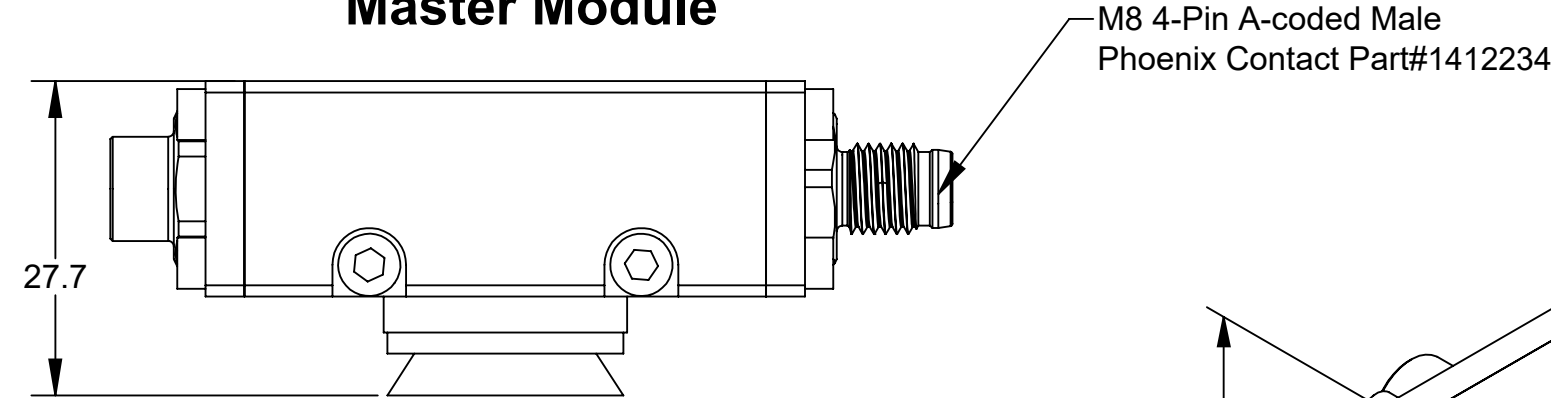


" DANGER!" - Electrical Shock Hazard

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."

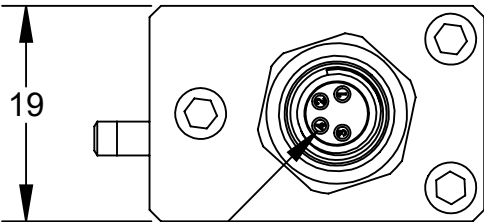
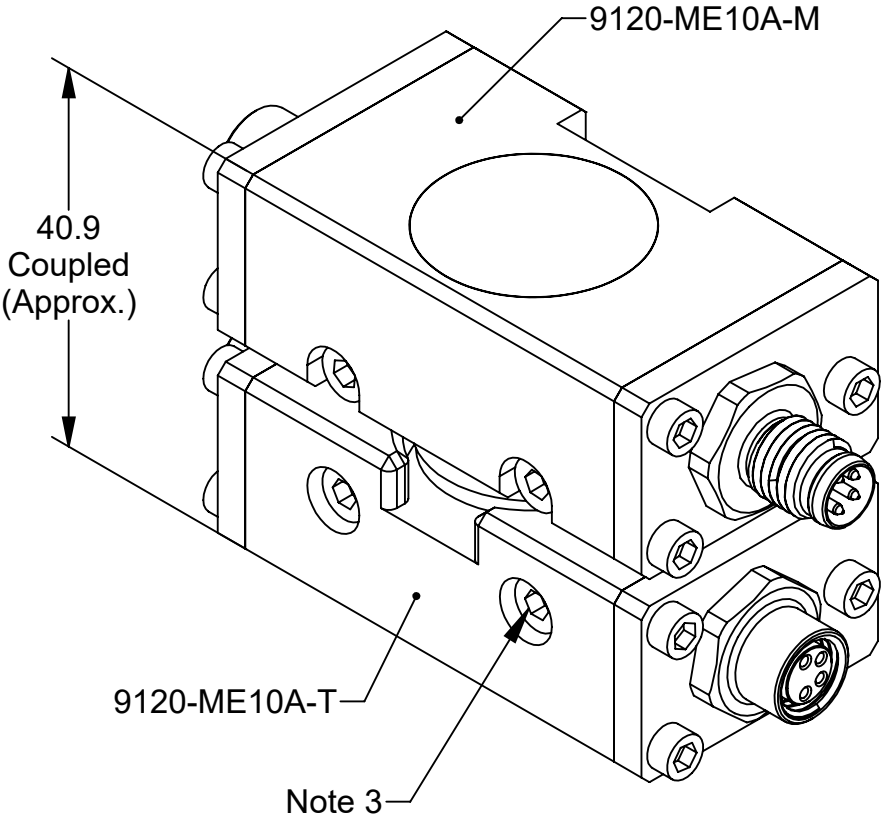
REV.	DESCRIPTION	INITIATOR	DATE
02P	Rotated view on sheet 1	NFB	10/17/2022
03P	Schematic corrections and connector orientation notes added	NFB	1/25/2023
04P	Updated schematic and changed A-coded connectors to remove shield connection	NFB	4/13/2023
05	Production Release	NFB	8/11/2023

**9120-ME10A-M
Master Module**



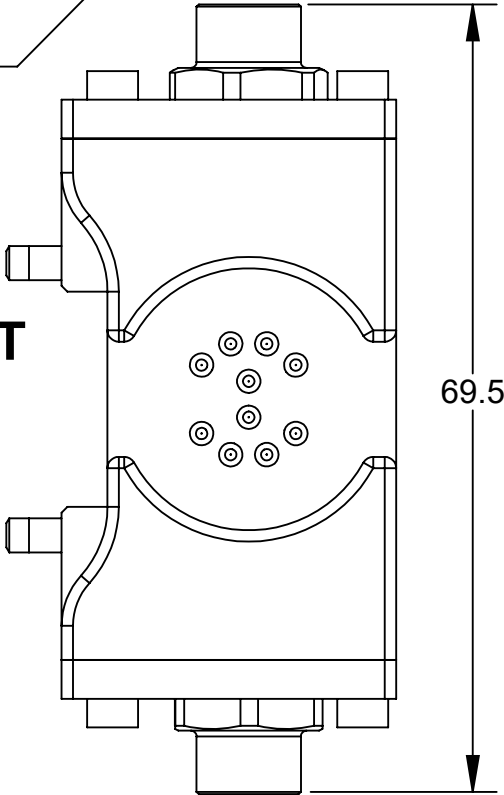
M8 4-Pin D-coded Female
Phoenix Contact Part#1068454

- Notes:
1. See Sheet 2 for customer interface information.
 2. See Sheet 3 for module wiring schematic and electrical ratings.
 3. Torque mounting screws to 12 in-lbs. / 1.3Nm.

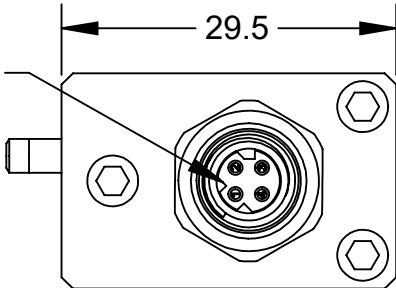


M8 4-Pin A-coded Female
Phoenix Contact Part#1412251

**9120-ME10A-T
Tool Module**

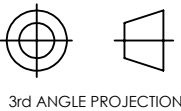


M8 4-Pin D-coded Female
Phoenix Contact Part#1068454



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN
MILLIMETERS.

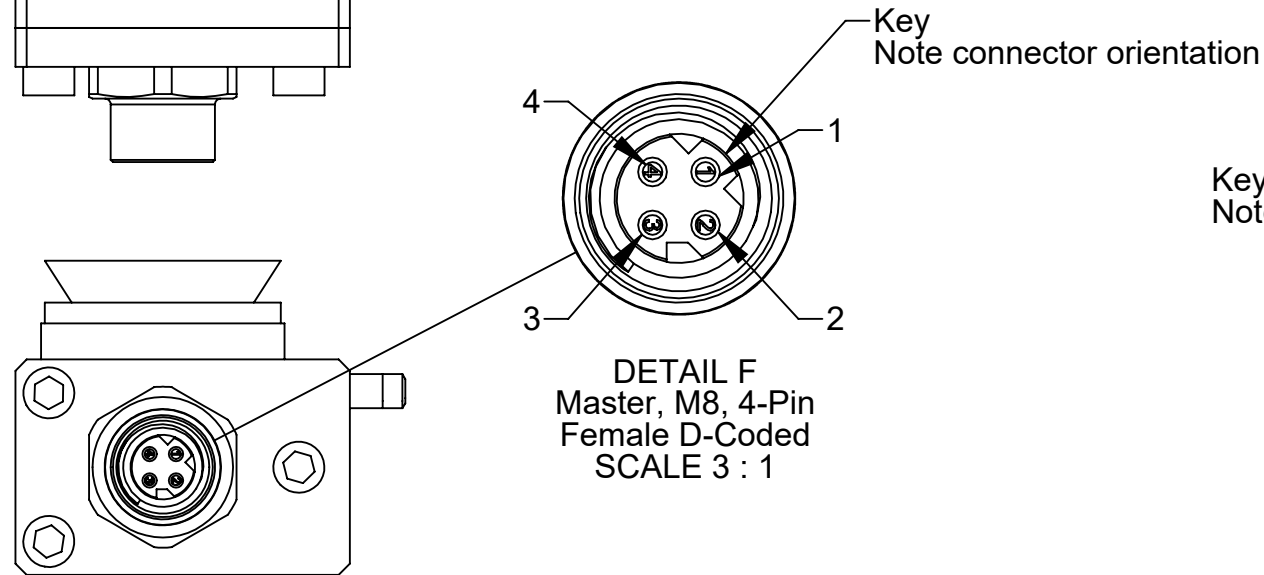
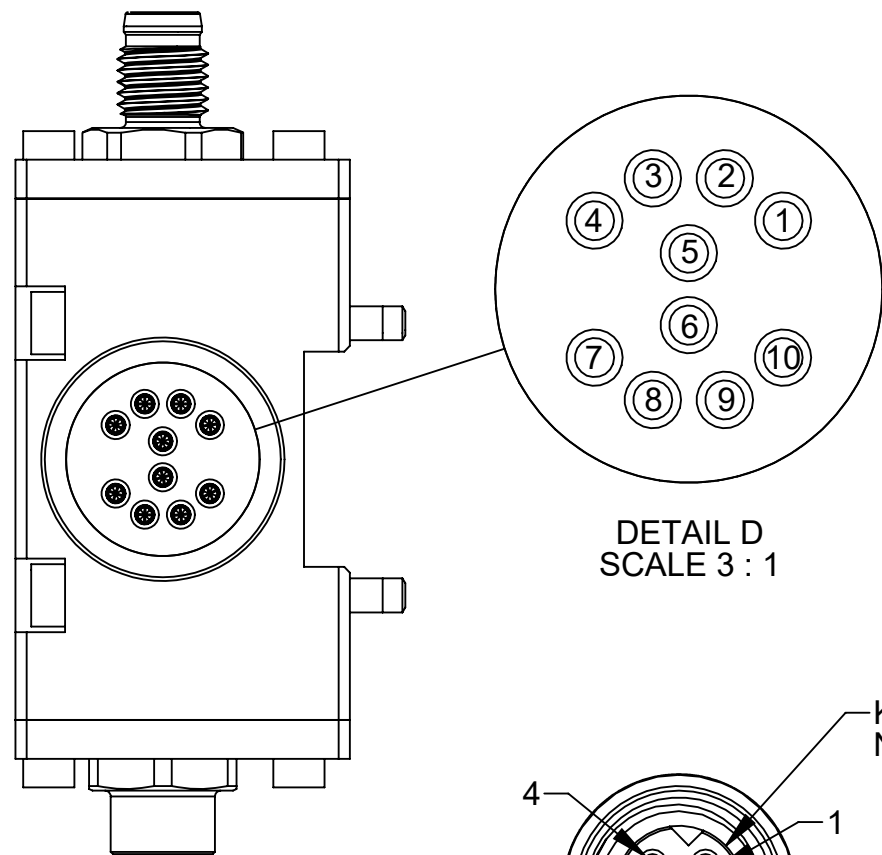
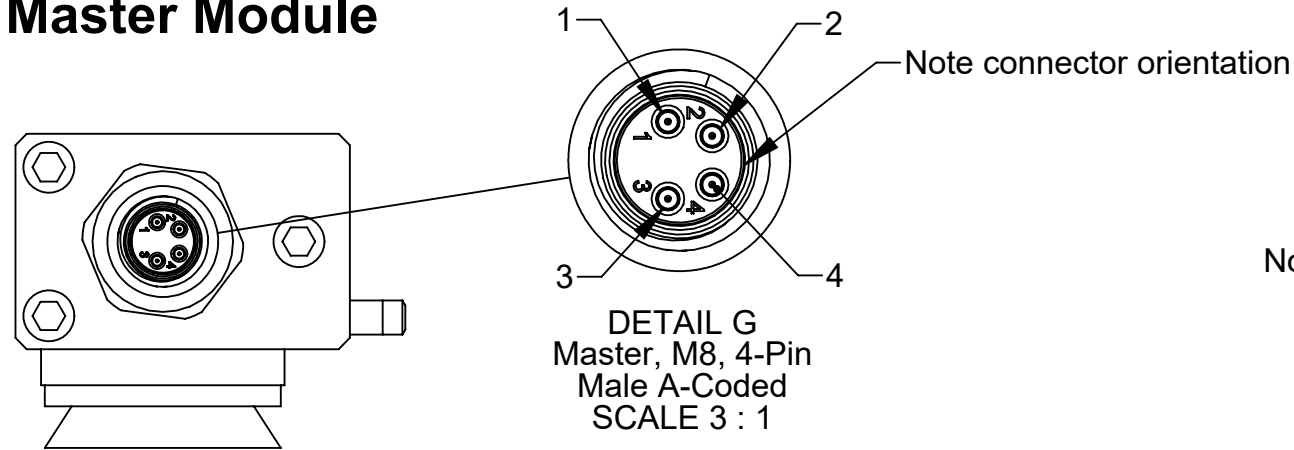


1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

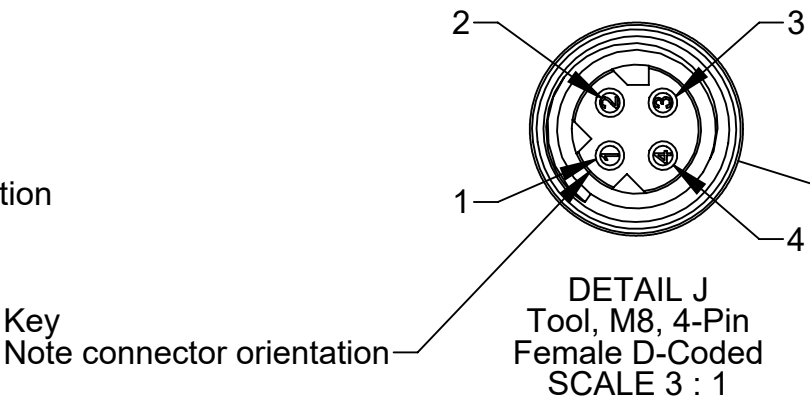
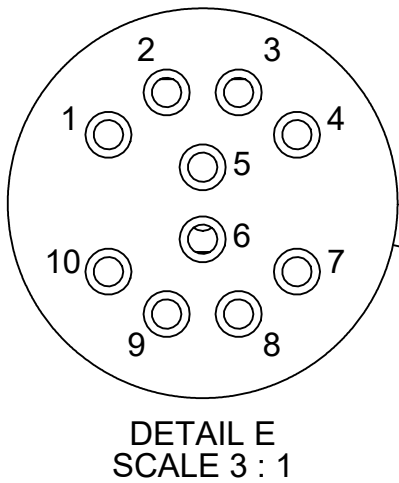
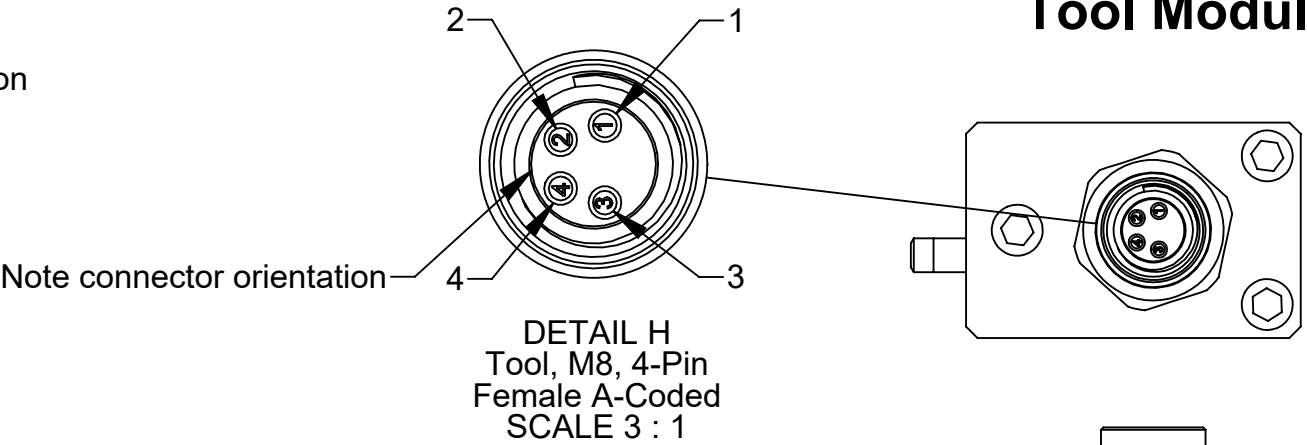
PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: N.Brace, 7/25/22		TITLE		
CHECKED BY: W.Berrocal, 8/19/22		ME10A Module Drawing		
PROJECT # 200529-4	SHEET 1 OF 3	SCALE 1:2	SIZE B	DRAWING NUMBER 9630-20-ME10A
				REVISION 05

9120-ME10A-M
Master Module

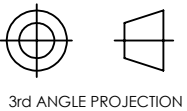


9120-ME10A-T
Tool Module



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN
MILLIMETERS.



1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: N.Brace, 7/25/22

CHECKED BY: W.Berrocal, 8/19/22

PROJECT # 200529-4

SHEET 2 OF 3

TITLE

ME10A Module Drawing

SCALE
2:1

SIZE
B

DRAWING NUMBER
9630-20-ME10A

REVISION
05

9120-ME10A-M

9120-ME10A-T

M8 D-Coded
4-Pin
Female Connector

Connector
Shell

M8 A-Coded
4-Pin
Male Connector

M8 D-Coded
4-Pin
Female Connector

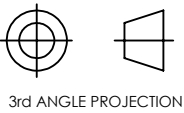
Connector
Shell

M8 A-Coded
4-Pin
Female Connector

- Notes:
1. Pins 5 and 6 of the ATI 10-Pin block are the first-to-mate, and last-to-break contact, and are recommended as ground.
 2. The 4-Pin M8 A-Coded Connector circuit for power is rated to 3A/60VDC.
 3. The 4-Pin M8 D-Coded Connector circuit for signal is rated to .6A/60VDC.
 4. In order to prevent electrical arcing between master and tool, make sure all power is removed from the modules before decoupling.

NOTES: UNLESS OTHERWISE
SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN
MILLIMETERS.



1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY
MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: N.Brace, 7/25/22

CHECKED BY: W.Berrocal, 8/19/22

PROJECT # 200529-4

SHEET 3 OF 3

TITLE

ME10A Module Drawing

SCALE
1:2

SIZE
B

DRAWING NUMBER
9630-20-ME10A

REVISION
05