

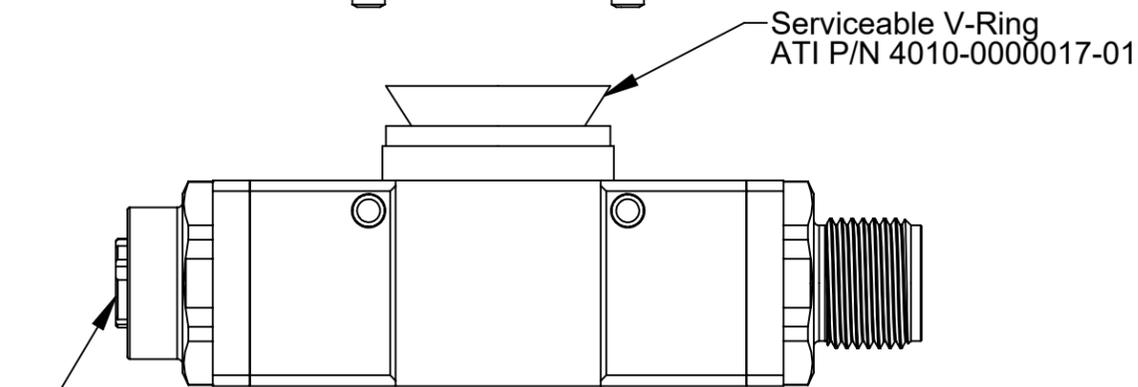
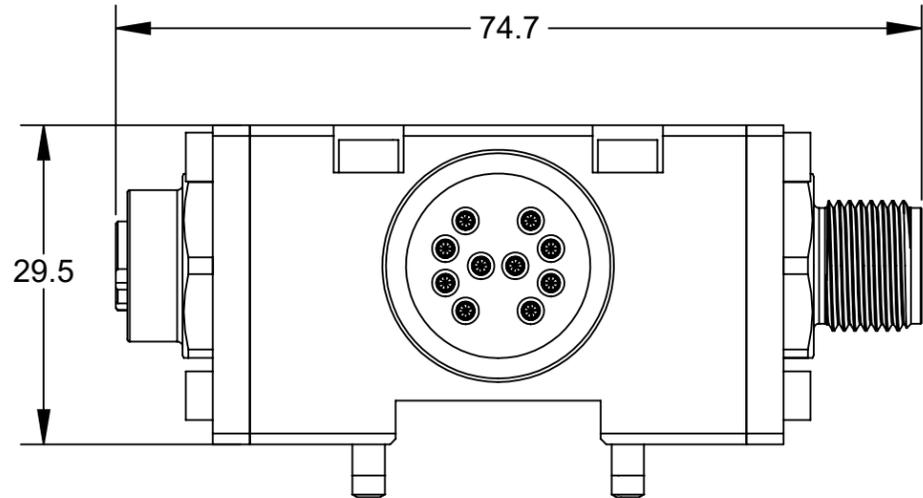
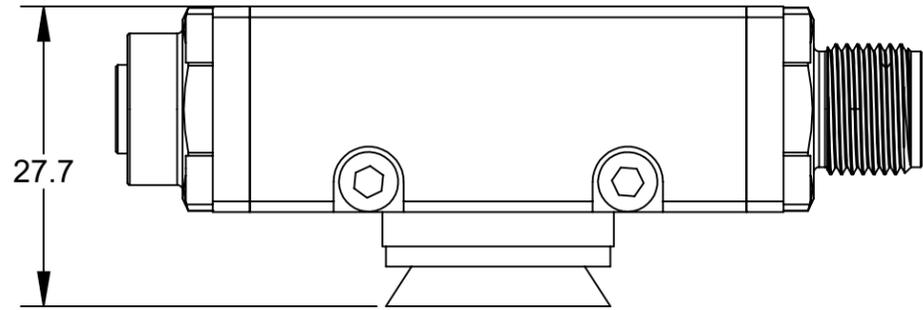


" DANGER!" - Electrical Shock Hazard

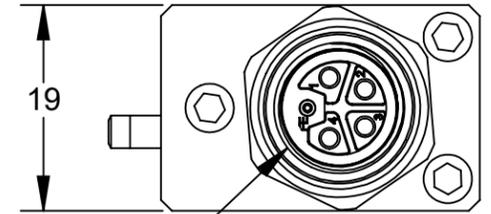
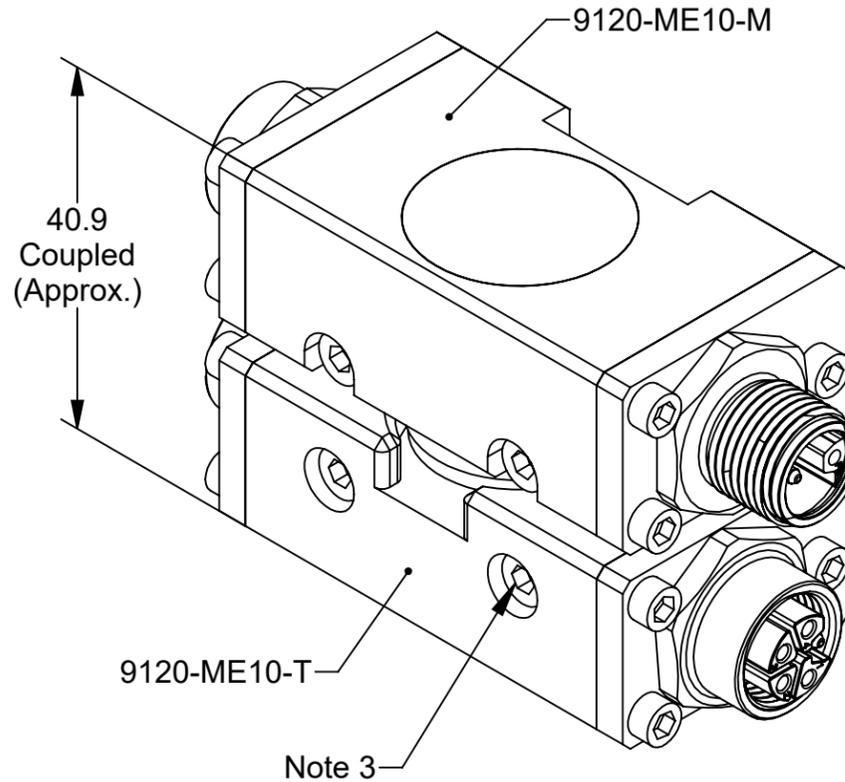
This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components."

REV.	DESCRIPTION	INITIATOR	DATE
04p	Rotated views on sheet1	NFB	10/17/2022
05p	Schematic corrections and connector orientation notes added	NFB	1/25/2023
06	Production Release	NFB	8/11/2023

**9120-ME10-M
Master Module**

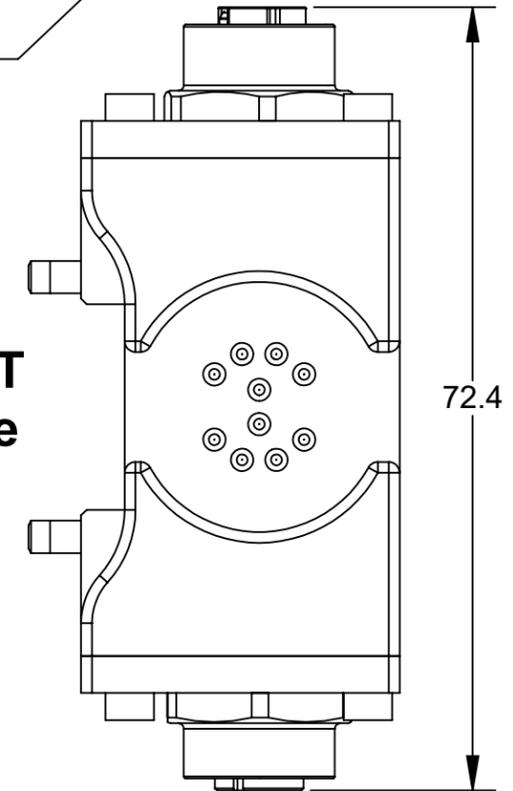


M12 4-Pin + FE L-code Male
Phoenix Contact Part#1420817

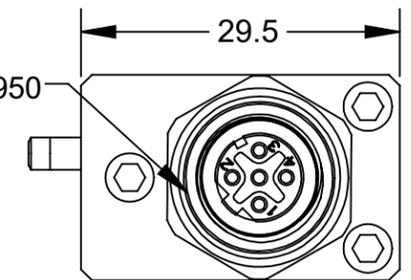


M12 4-Pin + FE L-code Female
Phoenix Contact Part#1420818

**9120-ME10-T
Tool Module**



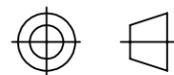
M12 4-Pin D-code Female
Phoenix Contact Part#1411950



- 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.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



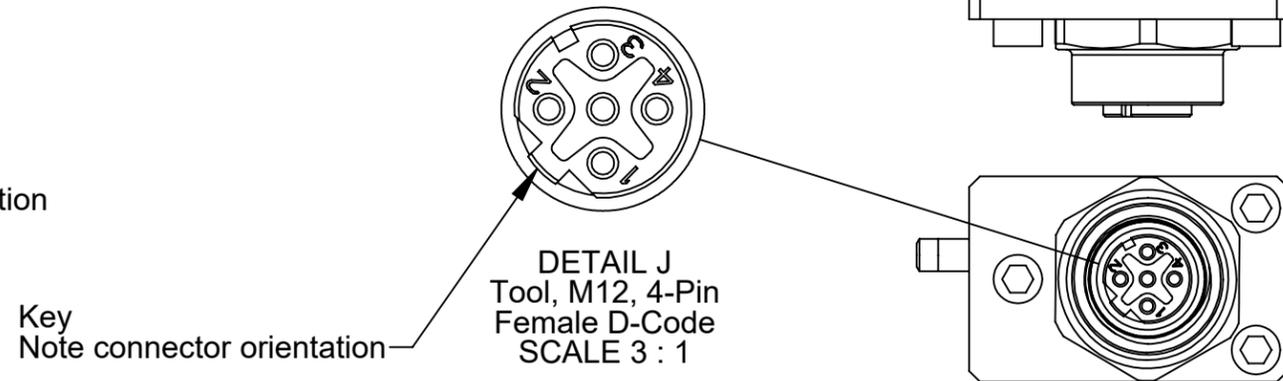
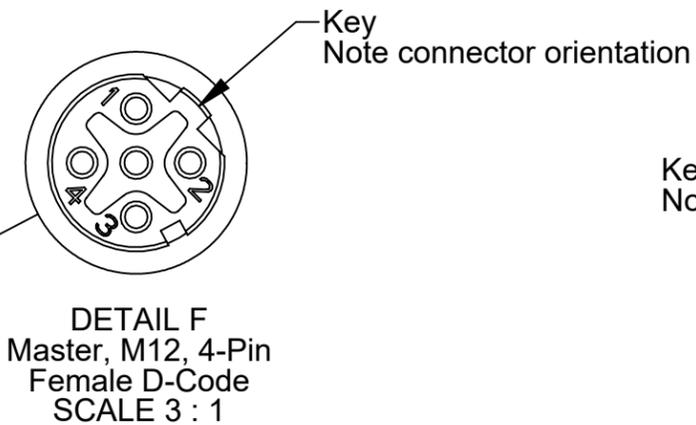
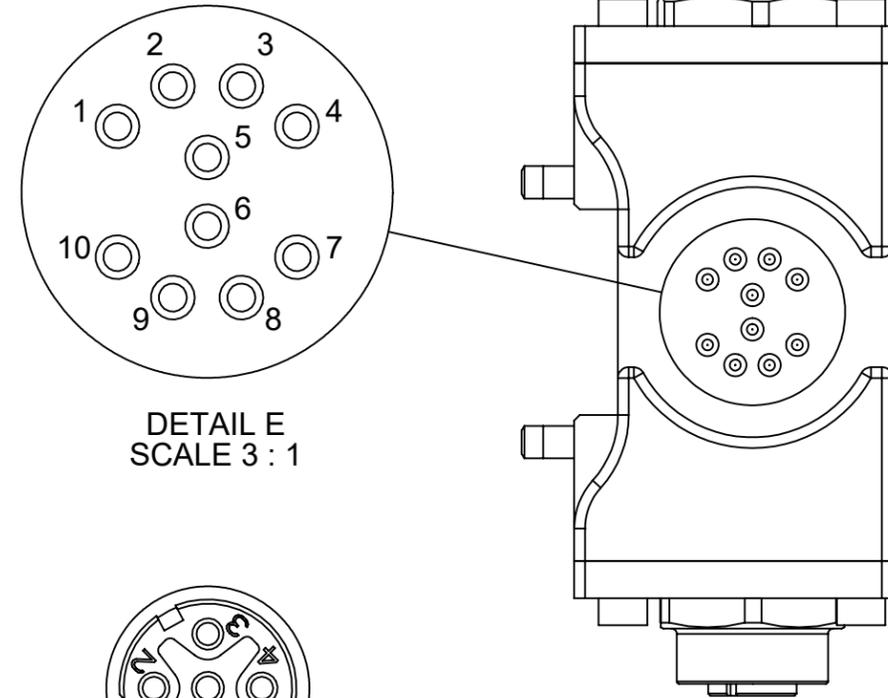
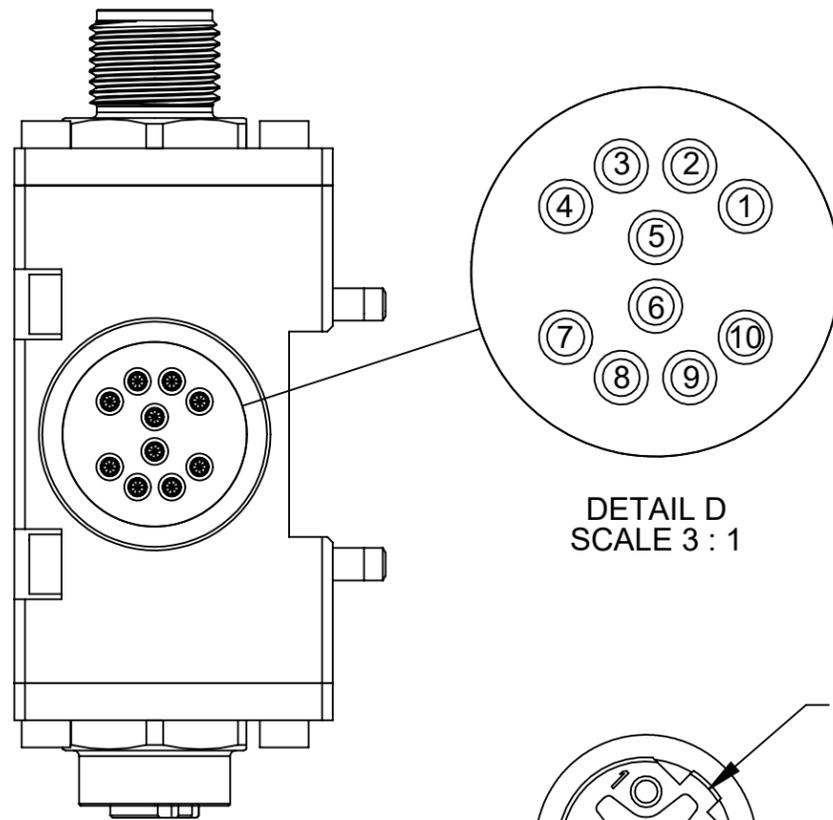
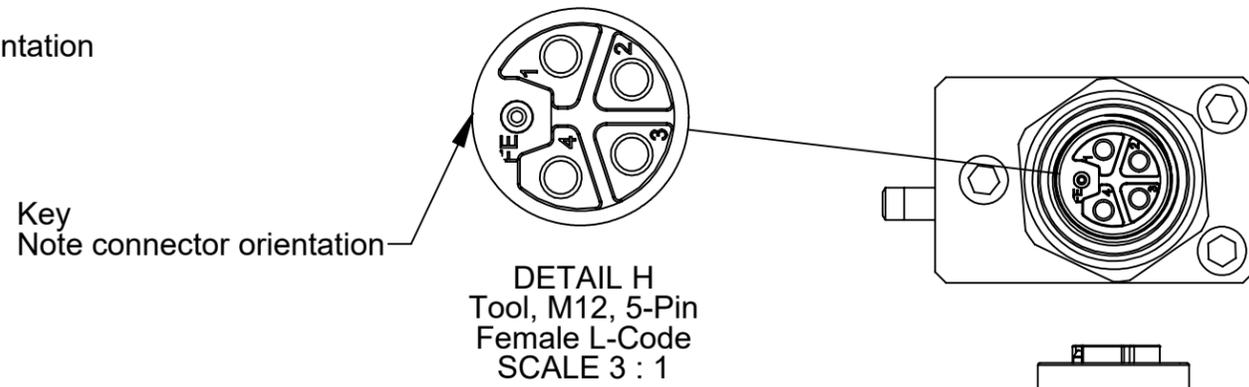
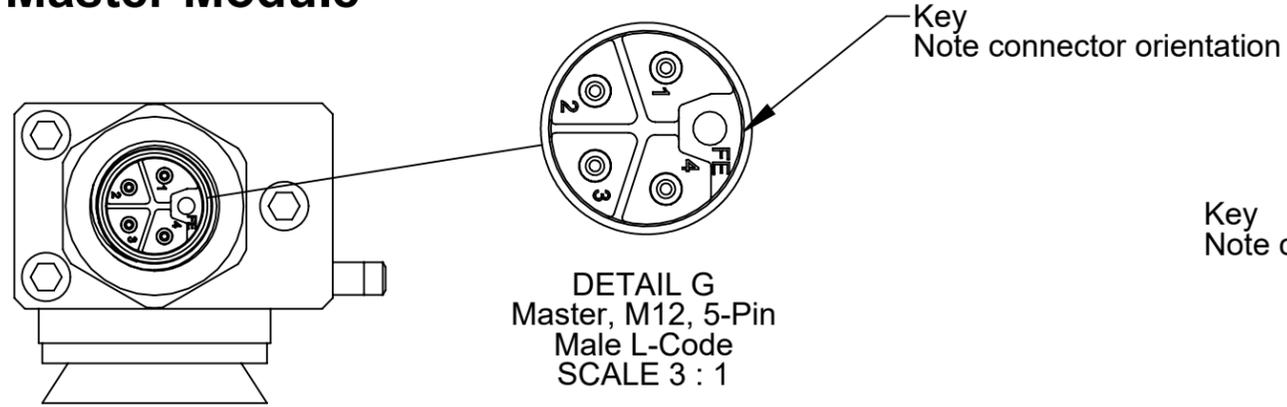
1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

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DRAWN BY: N.Brace, 8/26/21		TITLE ME10 Module Drawing	
CHECKED BY: W.Berrocal, 5/12/22		SCALE 1:2	REVISION 06
PROJECT # 200529-4	SHEET 1 OF 3	SIZE B	DRAWING NUMBER 9630-20-ME10

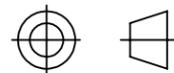
9120-ME10-M Master Module

9120-ME10-T Tool Module



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3rd ANGLE PROJECTION



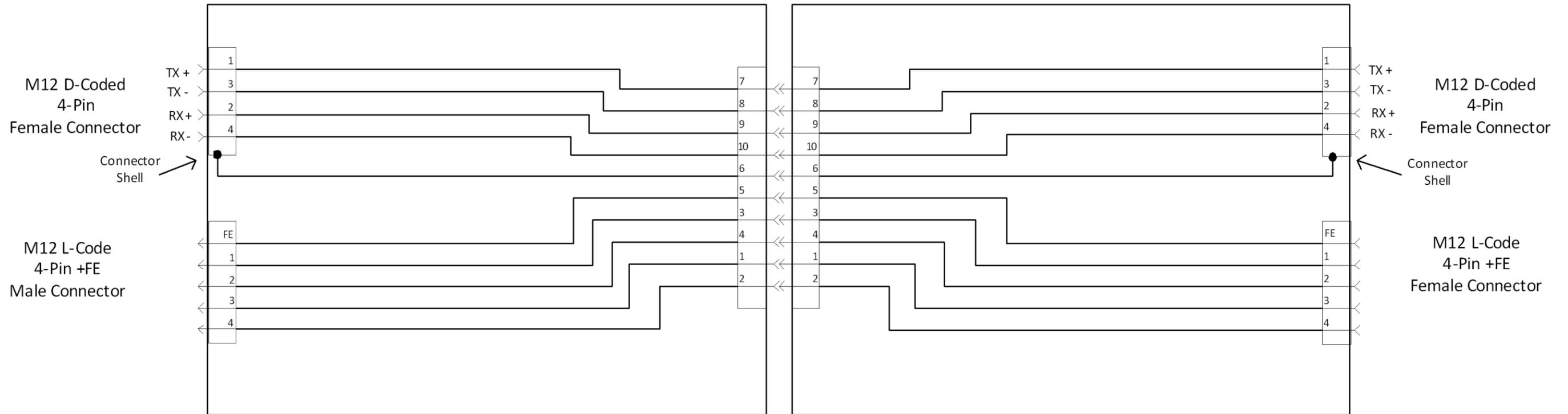
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DRAWN BY: N.Brace, 8/26/21		TITLE	
CHECKED BY: W.Berrocal, 5/12/22		ME10 Module Drawing	
PROJECT # 200529-4	SHEET 2 OF 3	SCALE 2:1	SIZE B
		DRAWING NUMBER	REVISION
		9630-20-ME10	06

9120-ME10-M

9120-ME10-T

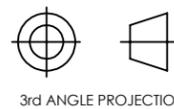


Notes:

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 M12 L-Coded Connector circuit for power is rated to 4A/63VDC.
3. The 4-Pin M12 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.

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DRAWN BY: N.Brace, 8/26/21		TITLE	
CHECKED BY: W.Berrocal, 5/12/22		ME10 Module Drawing	
PROJECT # 200529-4	SHEET 3 OF 3	SCALE 1:2	SIZE B
DRAWING NUMBER 9630-20-ME10		REVISION 06	