

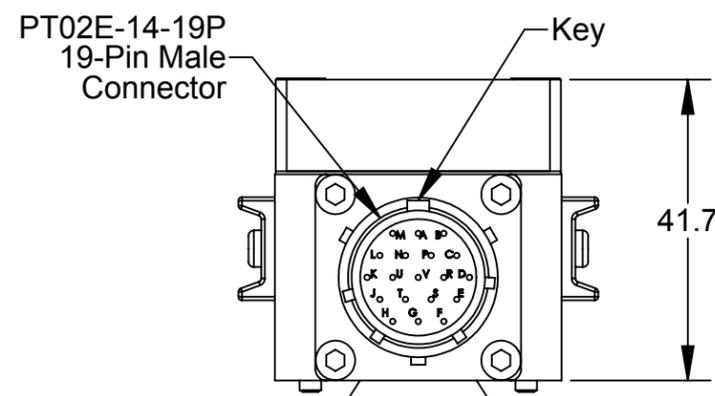
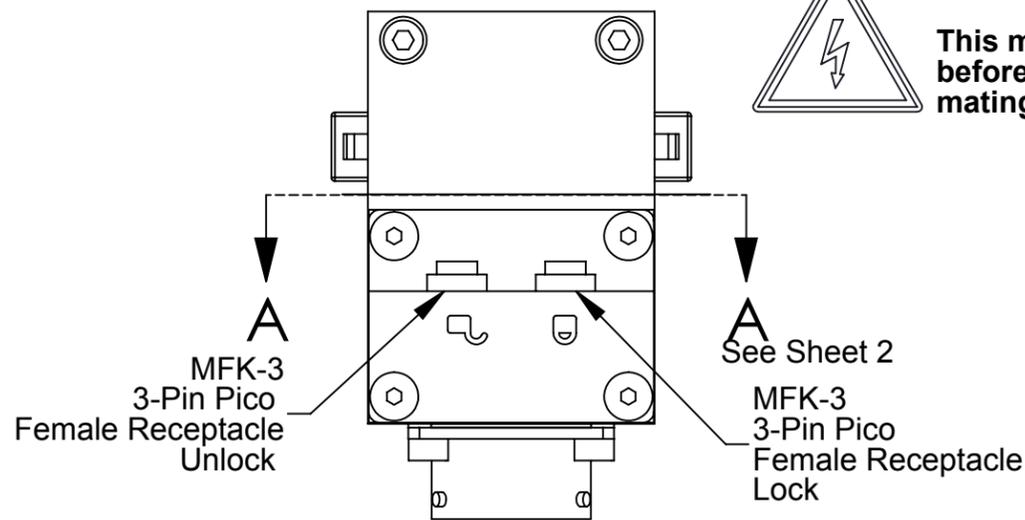
**9120-K19H-M**



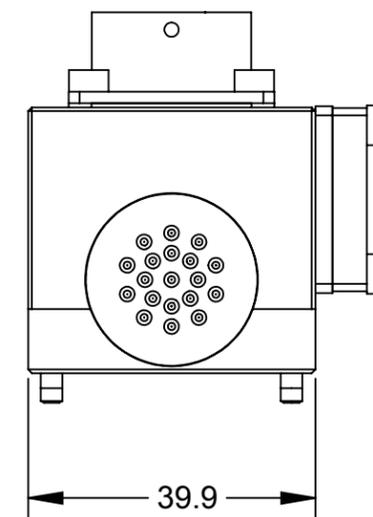
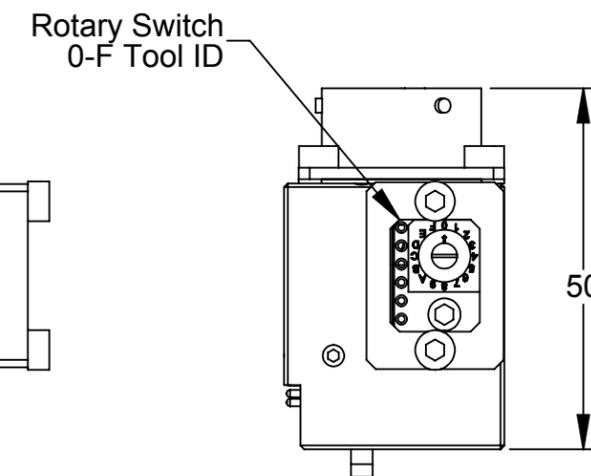
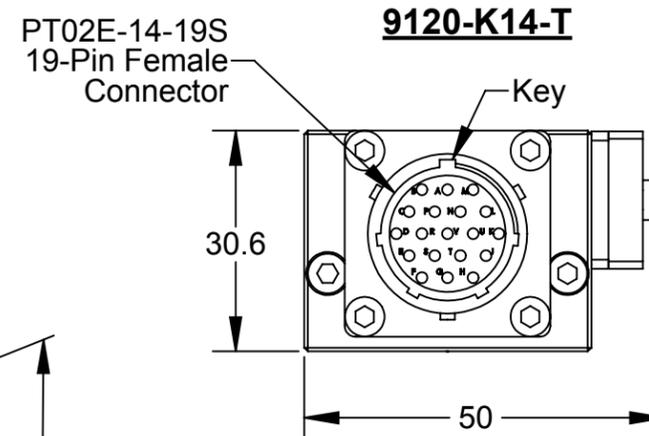
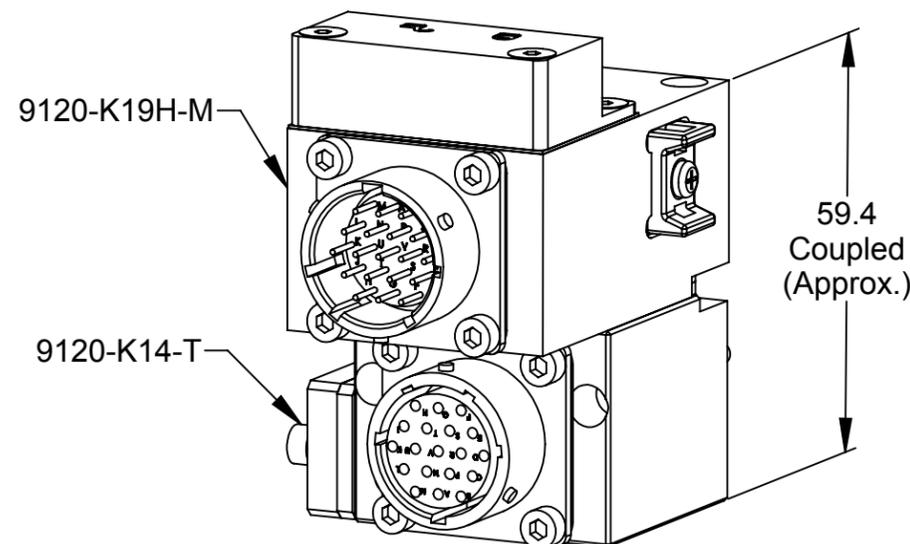
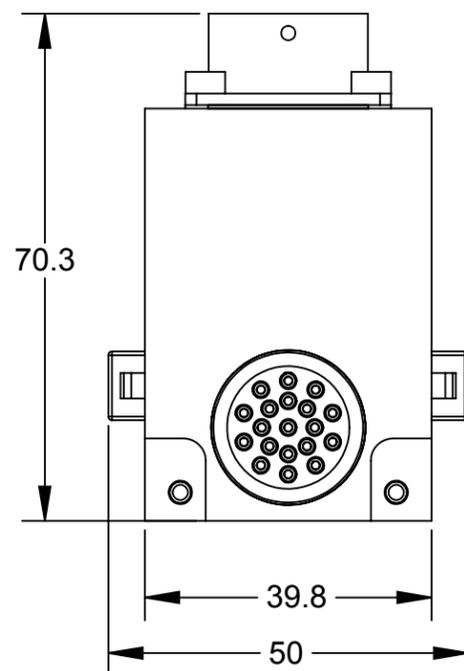
**" DANGER!" - Electrical Shock Hazard**

**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
04	ECO 19195; Made the following updates to the Wiring Schematic: Master Side - Removed SW1 Tool ID 8 from Connector Pin A, added 0V to Connector Pin H, added Tool ID to Connector Pins P,R,S,T,U; Tool Side - Corrected Pin Labels on Tool ID Switch.	CF	7/9/2020



Serviceable Part (V-Ring)  
4010-0000030-01



NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION

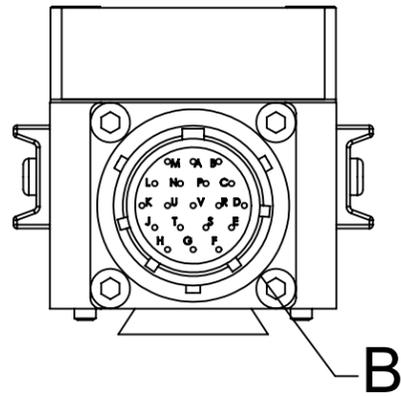


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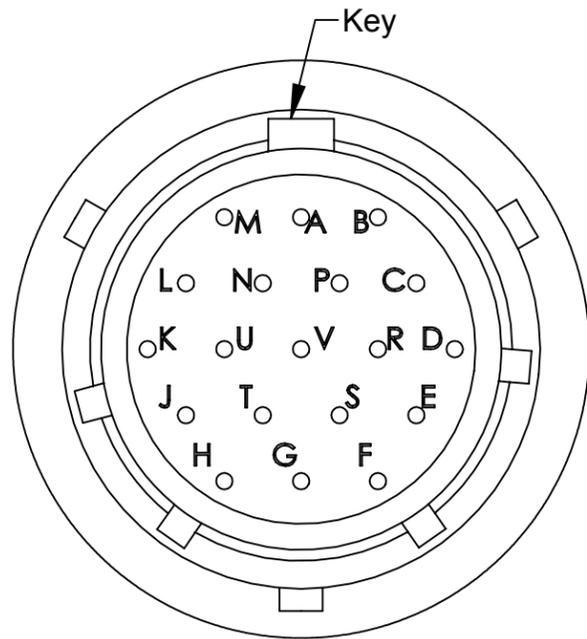
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DRAWN BY: C. Flesock, 9/15/17		TITLE	
CHECKED BY: B. Smith, 9/18/17		K19H Master and K14 Tool Assembly, Wiring	
PROJECT #	SHEET 1 OF 3	SCALE	SIZE
		1:1	B
DRAWING NUMBER		REVISION	
9630-20-K19HM K14T		04	

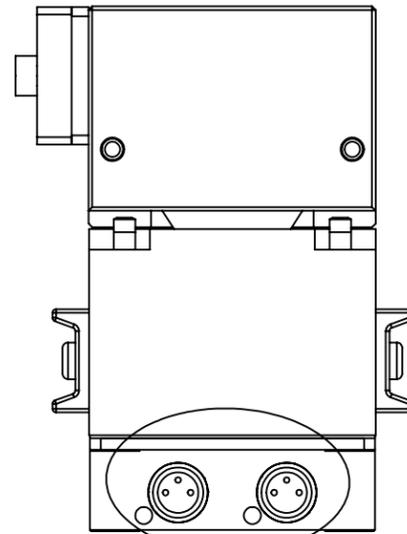
**9120-K19H-M**



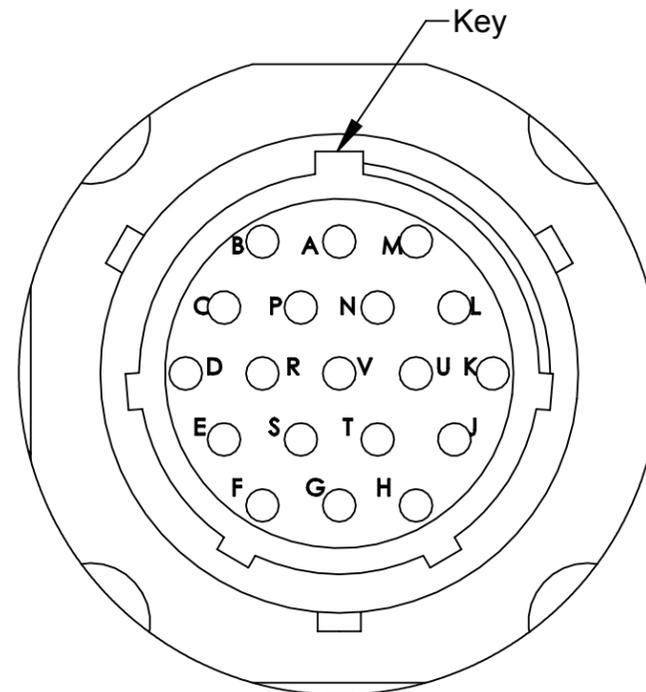
**B**



DETAIL B  
SCALE 3 : 1

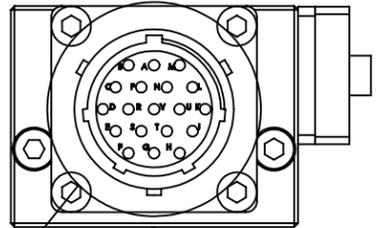


VIEW A-A



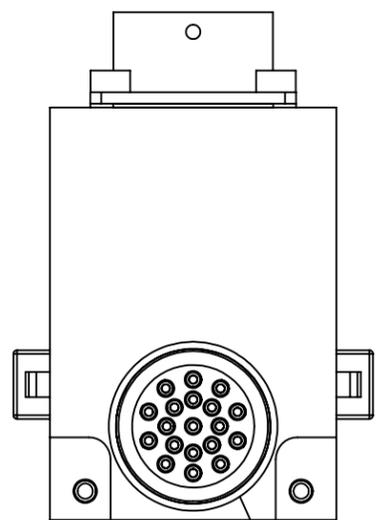
DETAIL E  
SCALE 3 : 1

**9120-K14-T**

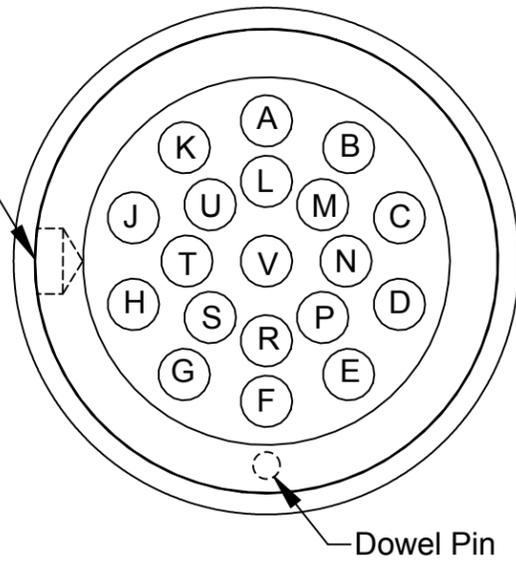


**E**

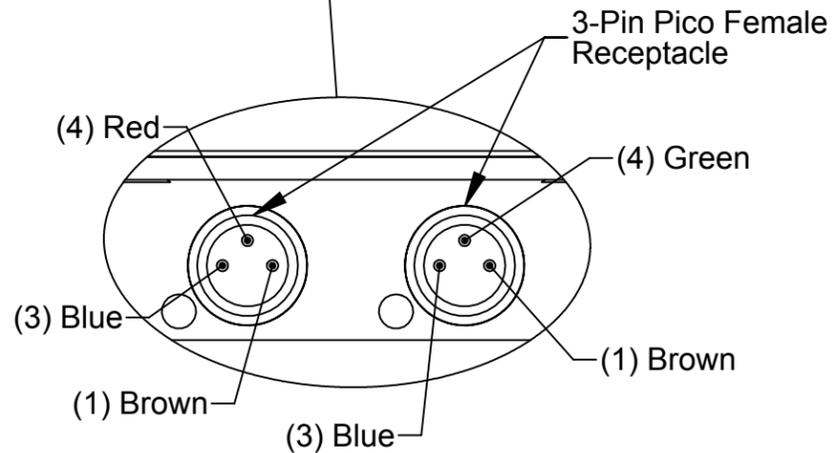
Set Screw



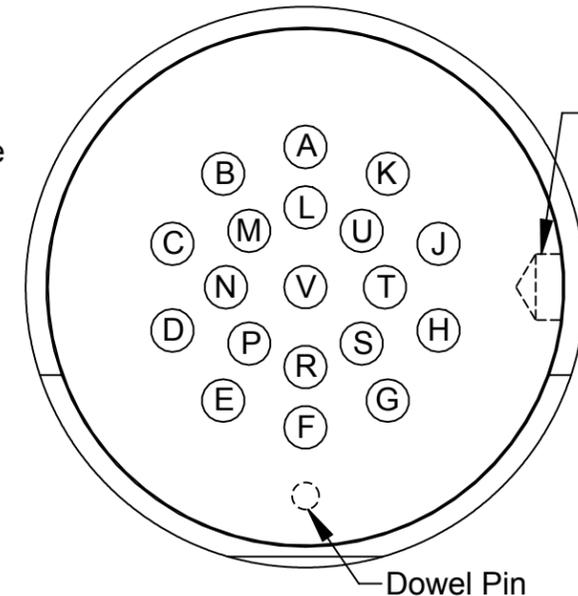
**C**



Master 19-Pin Block  
DETAIL C  
SCALE 3 : 1

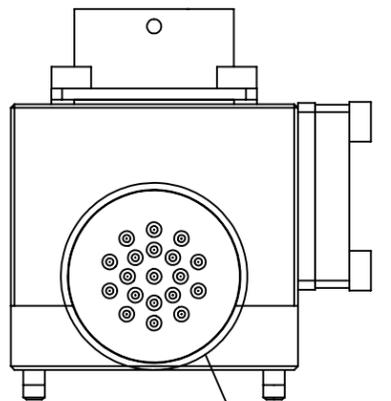


DETAIL D  
SCALE 2 : 1



Tool 19-Pin Block  
DETAIL F  
SCALE 3 : 1

Set Screw



**F**

NOTES: UNLESS OTHERWISE SPECIFIED.

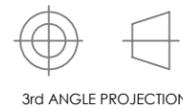
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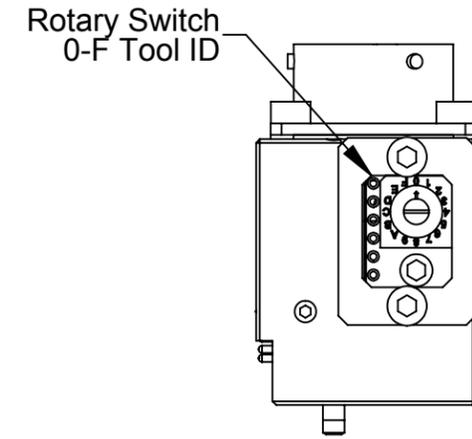
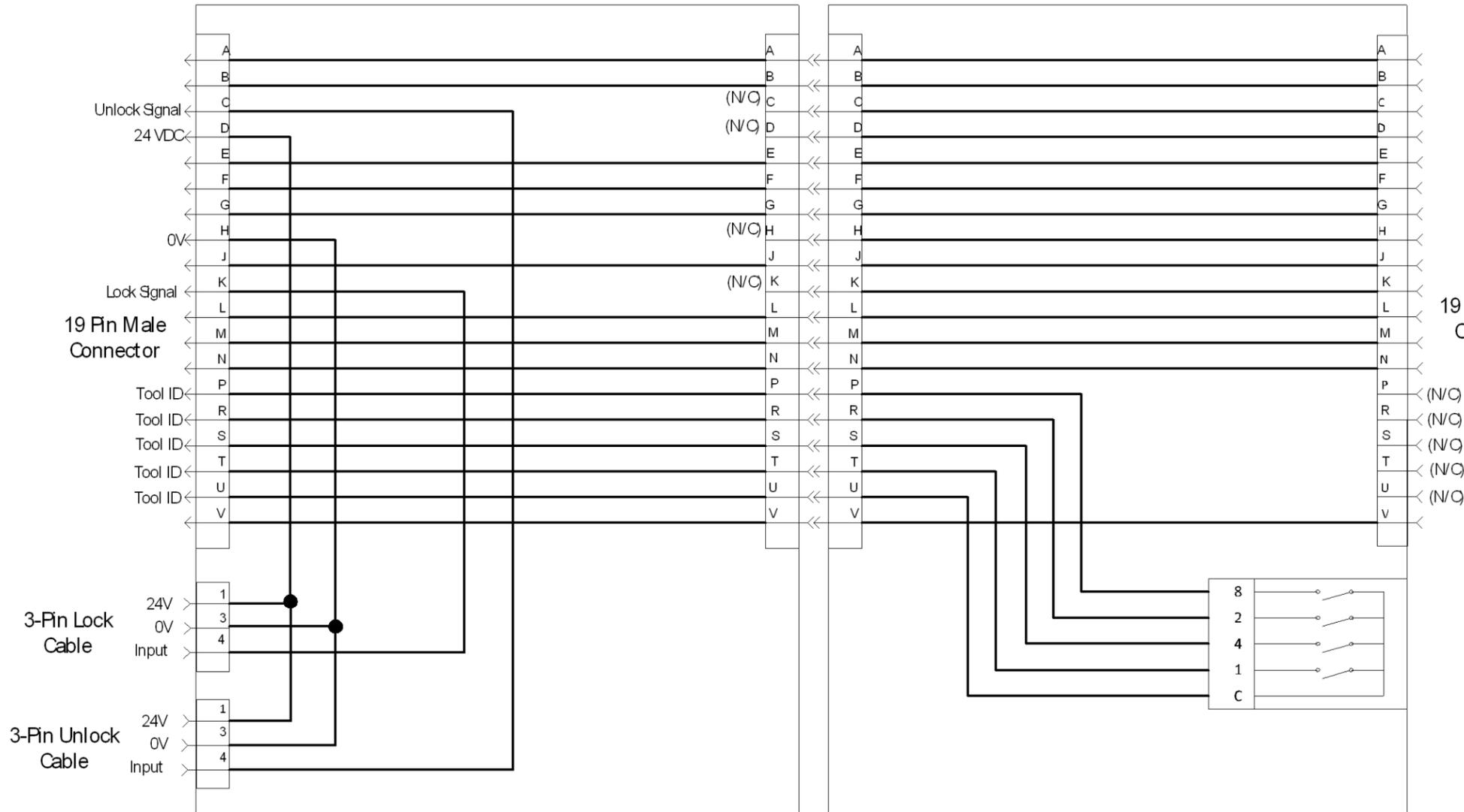
DRAWN BY: C. Flesock, 9/15/17		TITLE	
CHECKED BY: B. Smith, 9/18/17		K19H Master and K14 Tool Assembly, Wiring	
PROJECT #	SHEET 2 OF 3	SCALE	SIZE
		1:1	B
DRAWING NUMBER		REVISION	
9630-20-K19HM K14T		04	



# 9120-K19H-M

# 9120-K14-T

ATI 19-Pin Block



19 Pin Female Connector

Binary Output of Tool ID

Switch Selection	Pin P	Pin S	Pin R	Pin T	Switch
0	0	0	0	0	
1	0	0	0	1	
2	0	0	1	0	
3	0	0	1	1	
4	0	1	0	0	
5	0	1	0	1	
6	0	1	1	0	
7	0	1	1	1	
8	1	0	0	0	
9	1	0	0	1	
A	1	0	1	0	
B	1	0	1	1	
C	1	1	0	0	
D	1	1	0	1	
E	1	1	1	0	
F	1	1	1	1	

**Notes:**

- Pin "V" on ATI pin block is First-To-Mate and last-to-break contact, recommended as ground.
- Electrical Rating - 50 VDC, 3A

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DRAWN BY: C. Flesock, 9/15/17		TITLE	
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PROJECT #	SHEET 3 OF 3	SCALE	SIZE
		1:1	B
DRAWING NUMBER		REVISION	
9630-20-K19HM K14T		04	