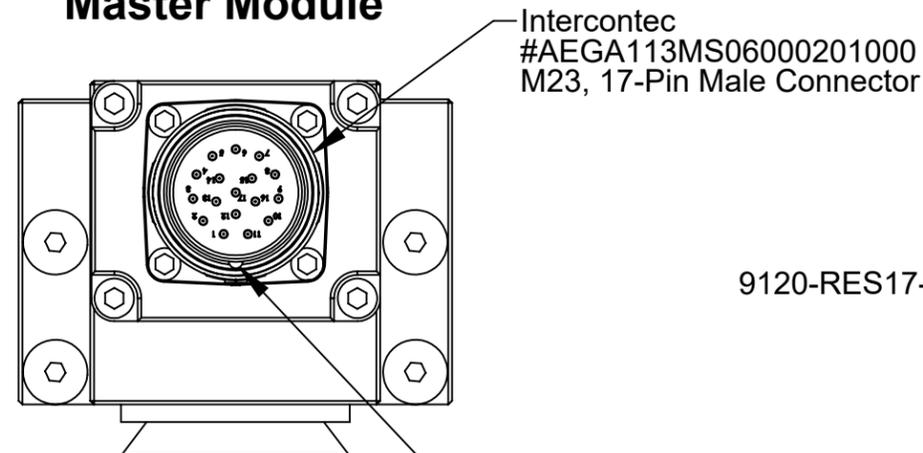


**" DANGER!" - Electrical Shock Hazard**

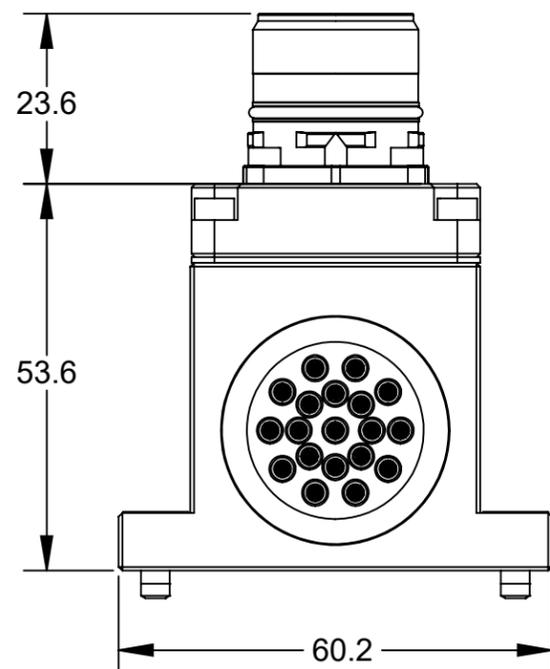
This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components."

REV.	DESCRIPTION	INITIATOR	DATE
03	Product Release.	LLL	05/13/2024

**9120-RES17-M  
Master Module**

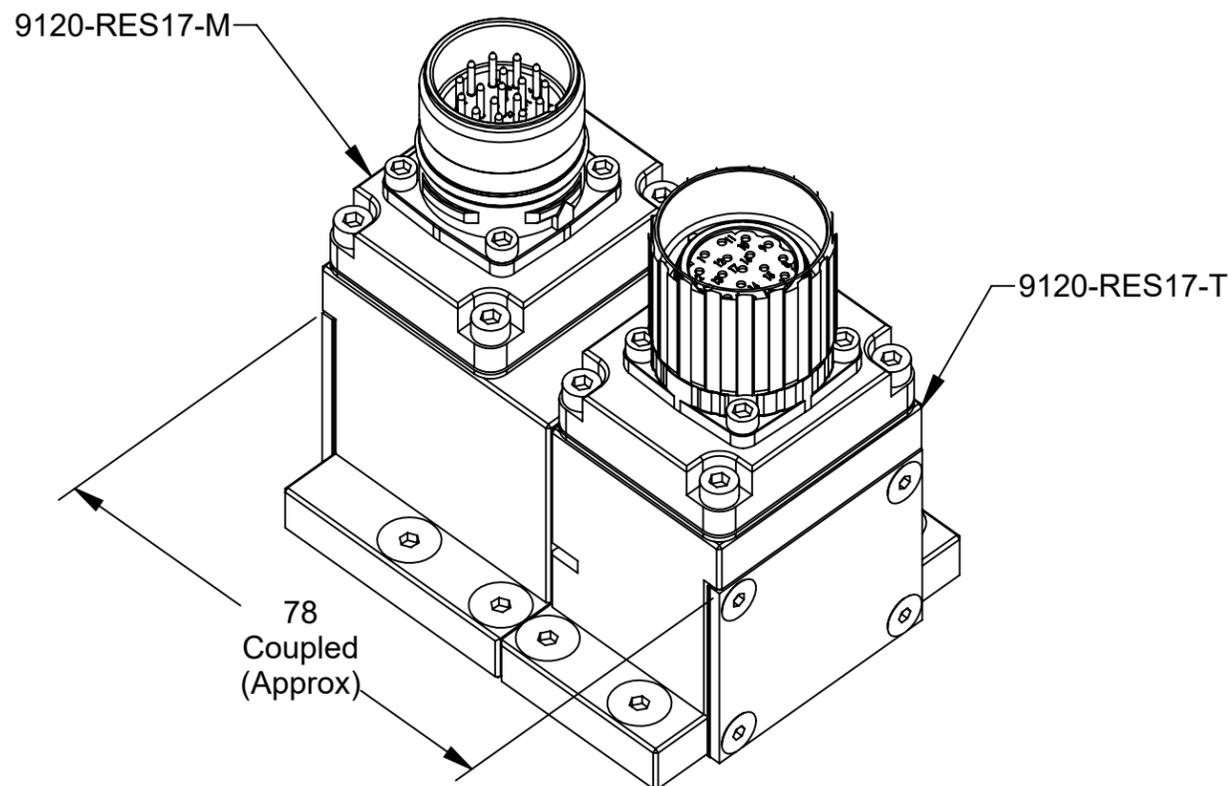
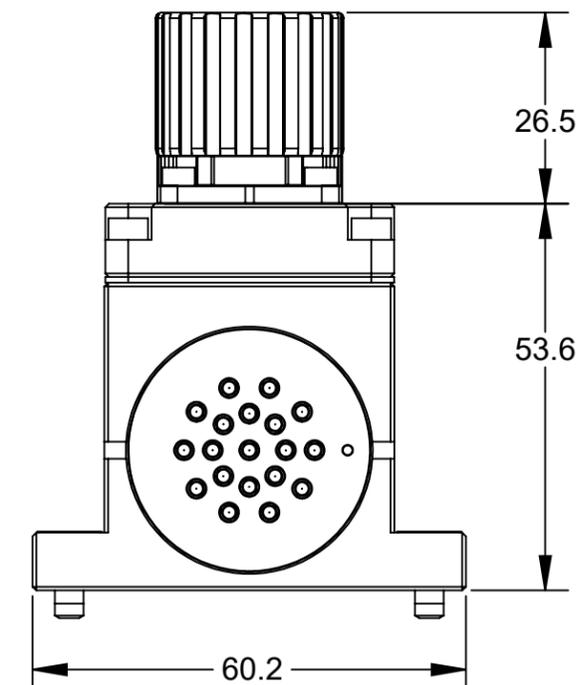
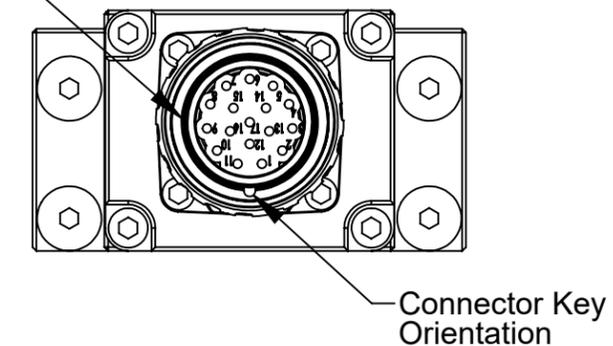


Serviceable Part  
4010-0000030-01  
V-Ring



**9120-RES17-T  
Tool Module**

Intercontec  
ADFA035FS04000151000  
M23, 17-Pin Female Connector



- Notes:
1. Customer approval of electrical schematic is required.
  2. Customer is to approve connector selection and orientation.
  3. See Sheet 2 for customer interface information.
  4. See Sheet 3 for module wiring schematic

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



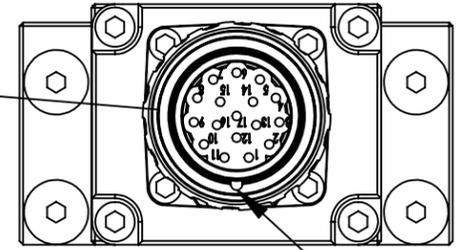
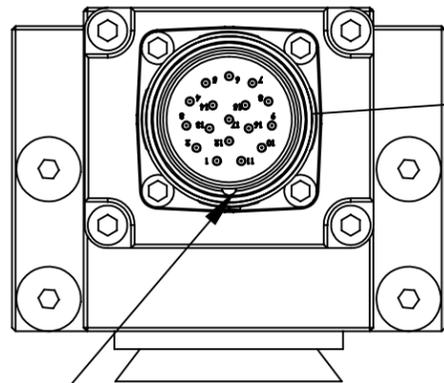
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Tel: +1.919.772.0115 www.ati-ia.com  
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DRAWN BY: L. Larson 03/28/24		TITLE	
CHECKED BY: V. Vavilikolane 04/05/24		RES17 Electrical Module Customer Drawing	
PROJECT # 240228-8	SHEET 1 OF 3	SCALE 1:1	SIZE B
DRAWING NUMBER 9630-20-RES17		REVISION 03	

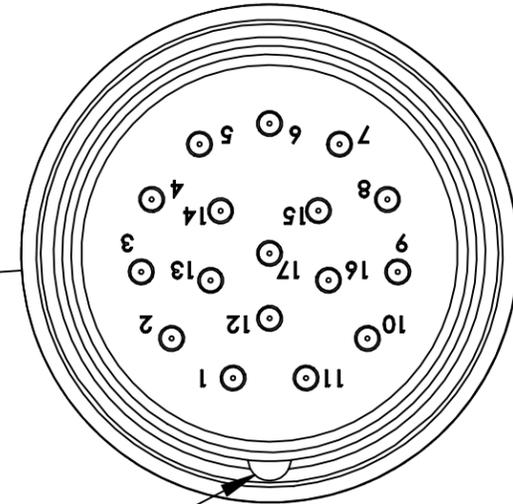
**9120-RES17-M  
Master Module**

**9120-RES17-T  
Tool Module**

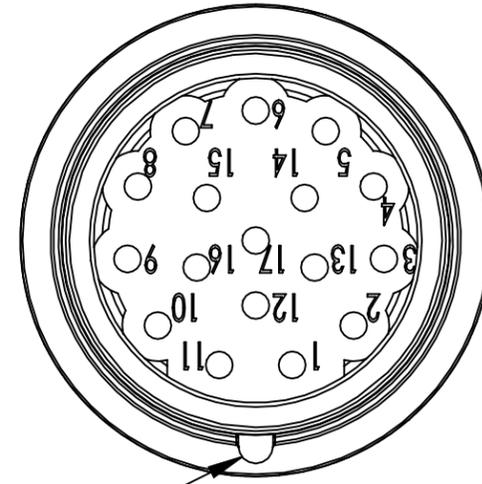


Key Orientation

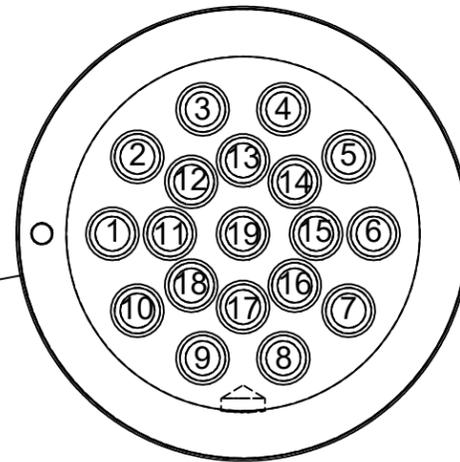
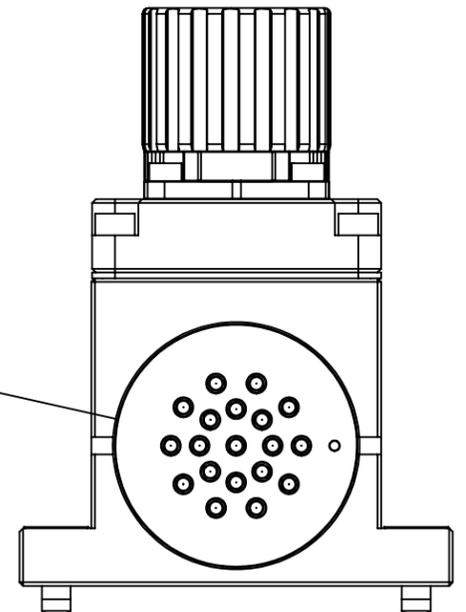
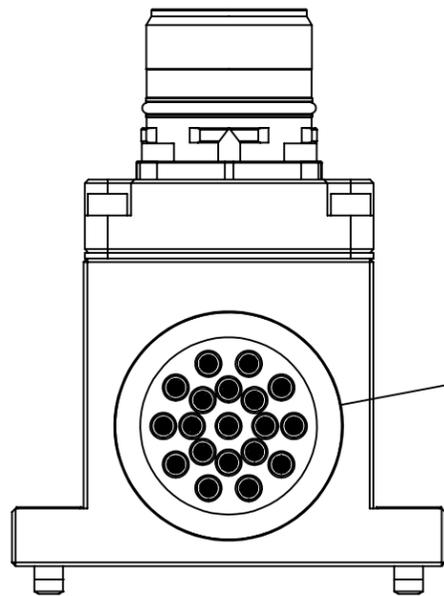
Key Orientation



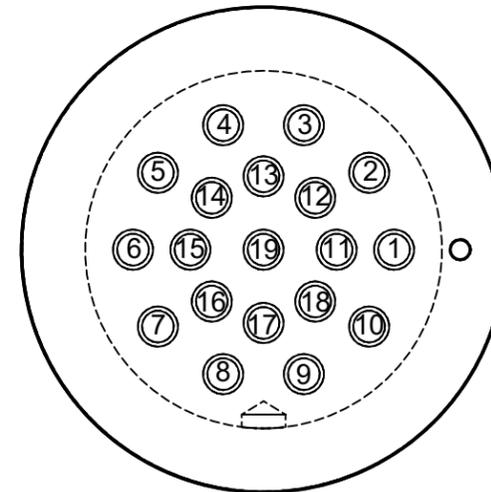
Key  
DETAIL A  
SCALE 3 : 1



Key  
DETAIL C  
SCALE 3 : 1



DETAIL B  
SCALE 2 : 1



DETAIL D  
SCALE 2 : 1

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: L. Larson 03/28/24

CHECKED BY: V. Vavilikolane 04/05/24

TITLE

RES17 Electrical Module Customer Drawing

PROJECT # 240228-8 SHEET 2 OF 3

SCALE  
1:1

SIZE  
B

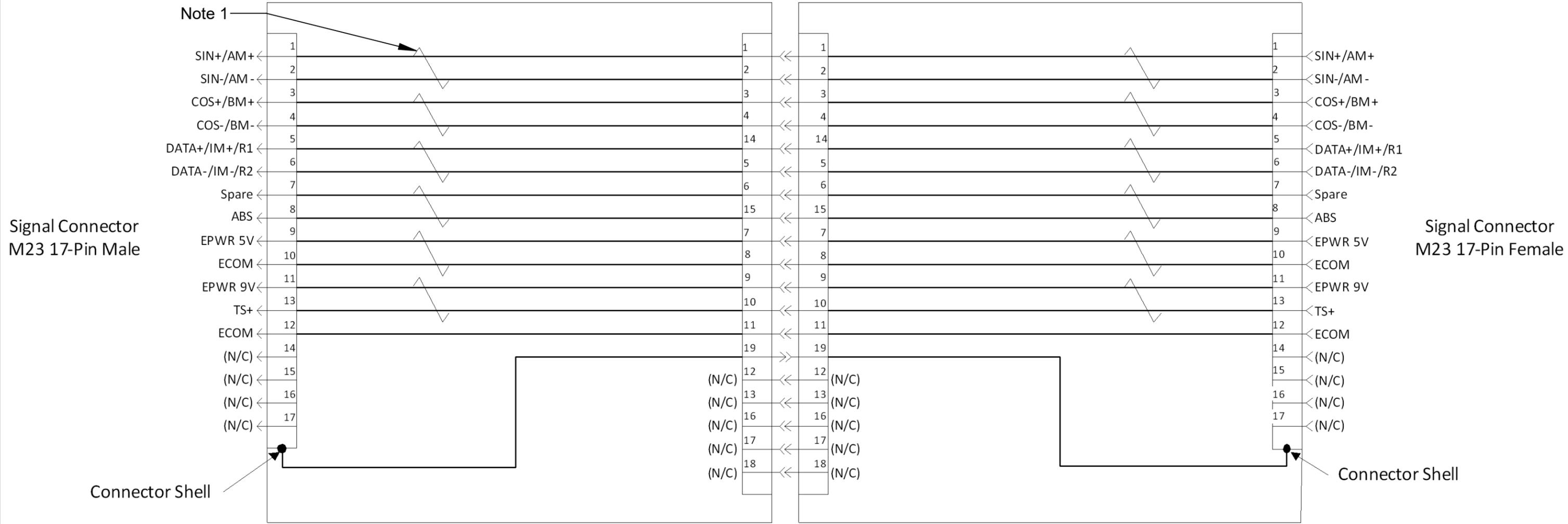
DRAWING NUMBER  
9630-20-RES17

REVISION  
03

# 9120-RES17-M

## ATI 19-Pin Block

# 9120-RES17-T



Note 1

Signal Connector  
M23 17-Pin Male

Signal Connector  
M23 17-Pin Female

Connector Shell

Connector Shell

- Notes**
- The indicated wire pairs are twisted.
  - Module Electrical Rating: 3 Amps/125 VAC.
  - Pin 19 of the 19-Pin Signal Pin Block is first-to-mate, last-to-break at tool changer interface.

NOTES: UNLESS OTHERWISE SPECIFIED.				1031 Goodworth Drive, Apex, NC 27539, USA	
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		CHECKED BY: V. Vavilikolane 04/05/24		Tel: +1.919.772.0115 www.ati-ia.com	
PROJECT # 240228-8 SHEET 3 OF 3		TITLE		1031 Goodworth Drive, Apex, NC 27539, USA	
		RES17 Electrical Module Customer Drawing		Tel: +1.919.772.0115 www.ati-ia.com	
		SCALE	SIZE	DRAWING NUMBER	REVISION
		1:1	B	9630-20-RES17	03