



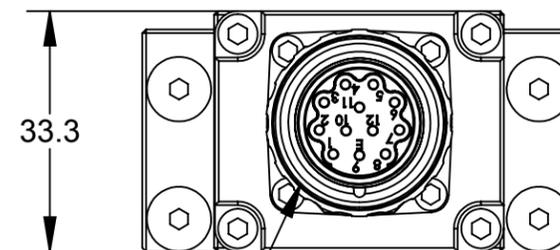
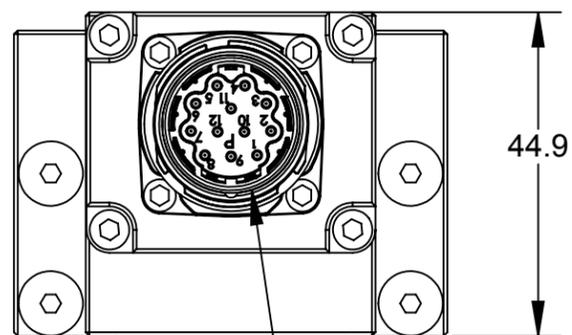
" DANGER!" - Electrical Shock Hazard

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	Add Shielding connection to schematic	PDL	9/8/2017
05	Project release	PDL	12/13/2017

**9120-RES10B-M
Master Module**

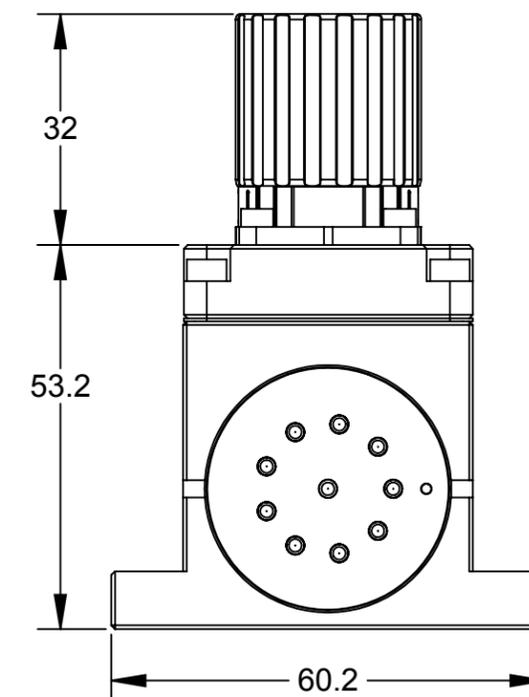
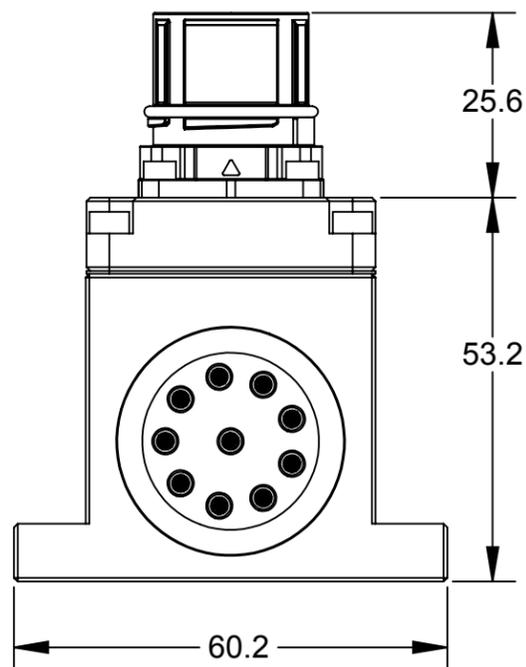
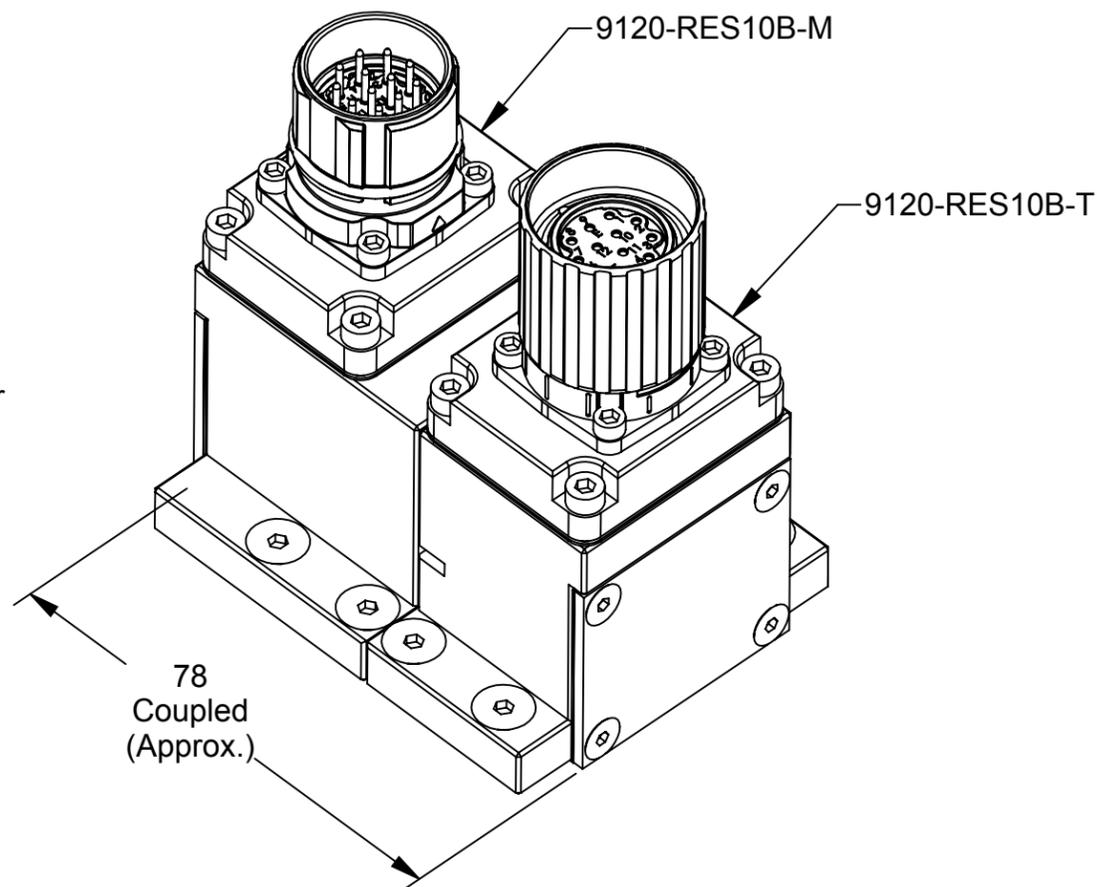
**9120-RES10B-T
Tool Module**



Serviceable Part
4010-000030-01
V-Ring

Intercontec
#AEGA052MR04000201000
M23 thread, 12-Pin Male connector

Intercontec
#ADFA021FR01000001000
M23 thread, 12-Pin Female connector



Notes:

1. The Module Rating: 3.5A / 160 V
2. Customer is to approve electrical schematic.
3. Customer is to approve connector selection and orientation.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION

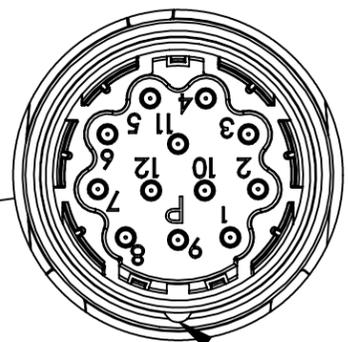
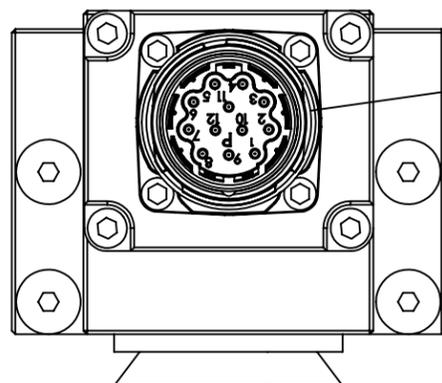


1031 Goodworth Drive, Apex, NC 27539, USA
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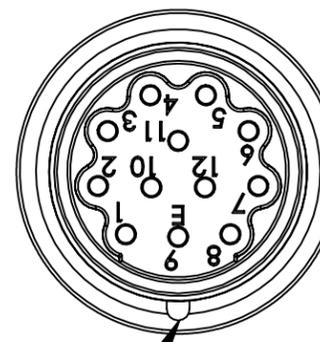
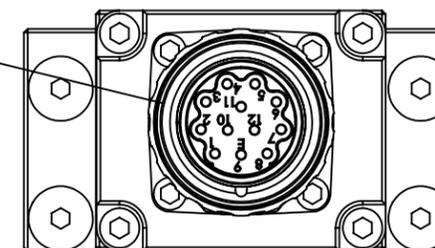
DRAWN BY: P.Luczka, 8/14/17		TITLE	
CHECKED BY: B. Smith, 8/14/17 F.Alonso, 8/18/17		RES10B Electrical Module, Customer Drawing	
PROJECT #	170811-5	SHEET	1 OF 3
SCALE	1:1	SIZE	B
DRAWING NUMBER	9630-20-RES10B		REVISION
			05

**9120-RES10B-M
Master Module**

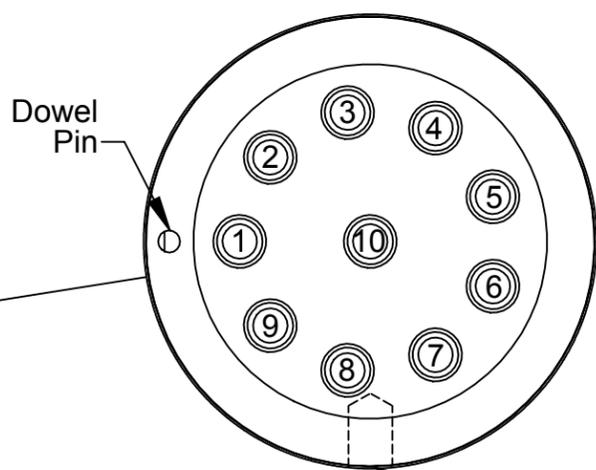
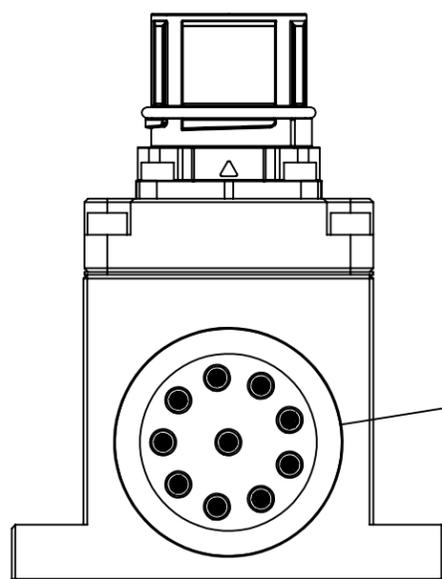


Key
DETAIL B
SCALE 2 : 1

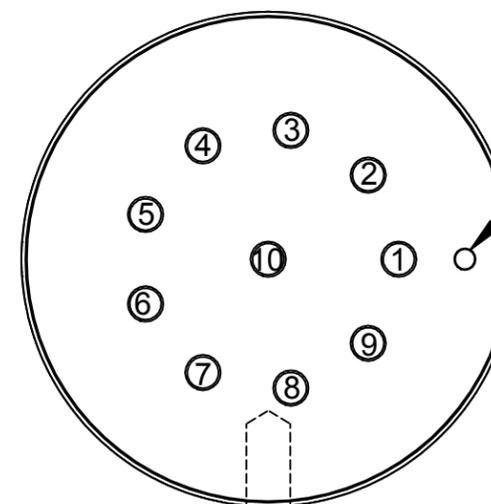
**9120-RES10B-T
Tool Module**



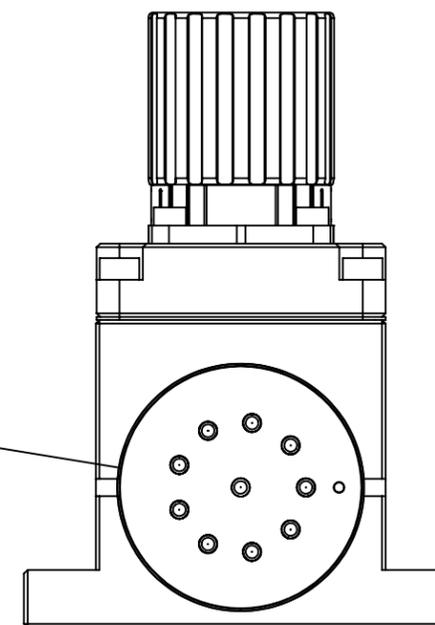
Key
DETAIL E
SCALE 2 : 1



Dowel Pin
Set Screw
DETAIL A
SCALE 2 : 1

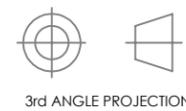


Dowel Pin
Set Screw
DETAIL C
SCALE 2 : 1



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DRAWN BY: P.Luczka, 8/14/17

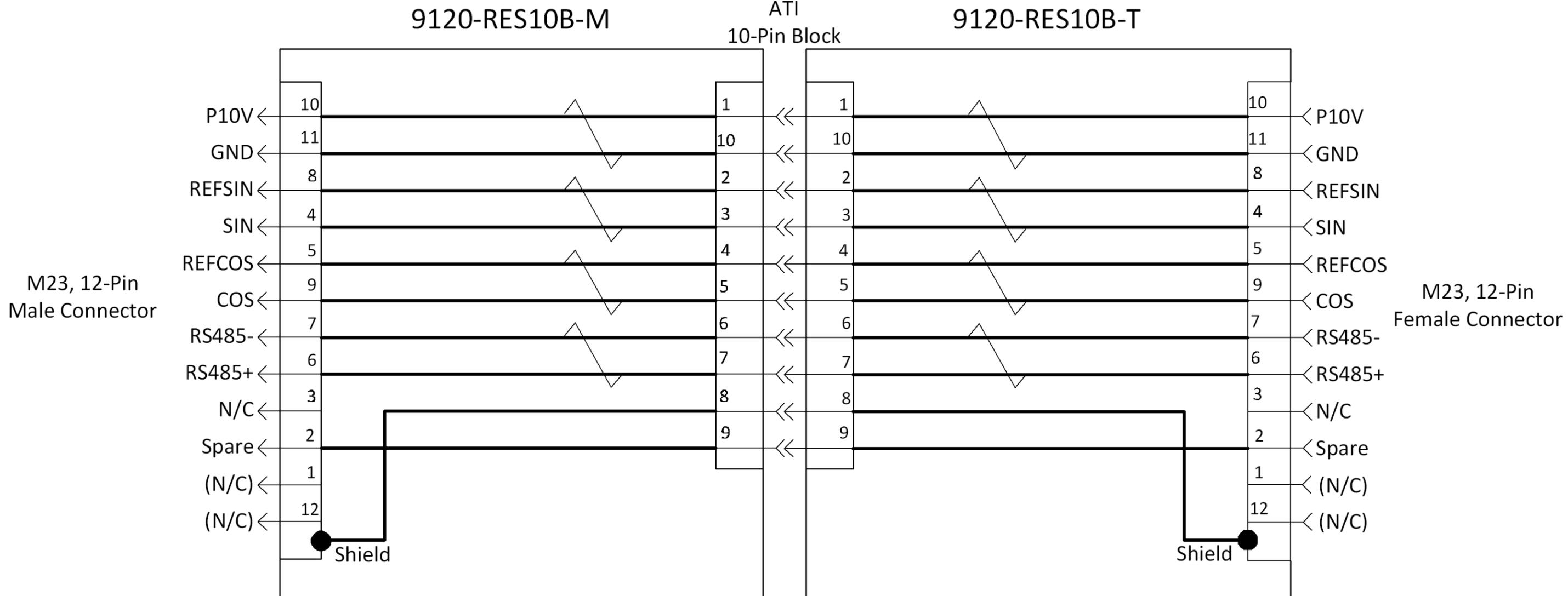
CHECKED BY: B. Smith, 8/14/17

F.Alonso, 8/18/17

PROJECT # 170811-5 SHEET 2 OF 3

TITLE
RES10B Electrical Module, Customer Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:1	B	9630-20-RES10B	05

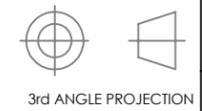


Notes:

- 1. Pin 10, on the ATI Pin Block is "First-To-Mate" and "Last-To-Break" contact, recommended as ground.

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DRAWN BY: P.Luczka, 8/14/17		TITLE	
CHECKED BY: B. Smith, 8/14/17 F.Alonso, 8/18/17		RES10B Electrical Module, Customer Drawing	
PROJECT #	170811-5	SHEET	3 OF 3
SCALE	1:1	SIZE	B
DRAWING NUMBER	9630-20-RES10B		REVISION
			05