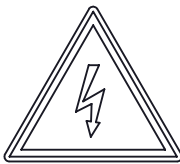
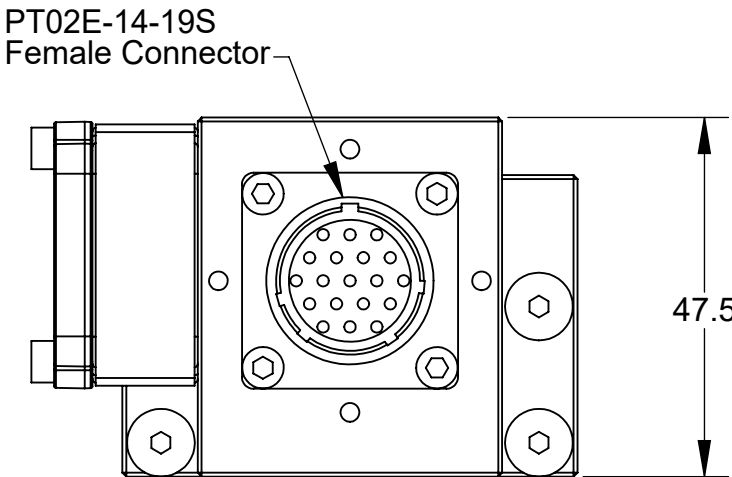
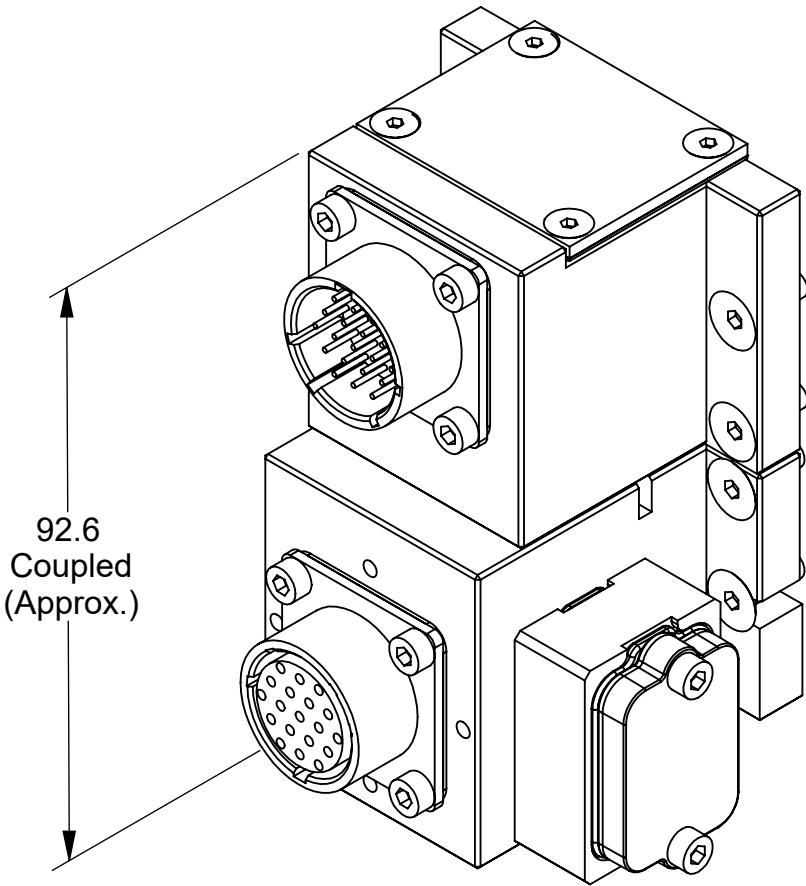
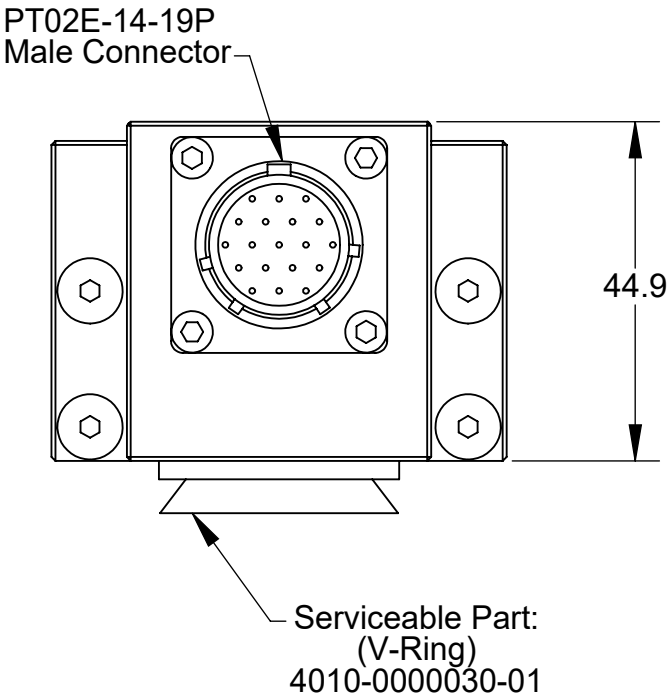
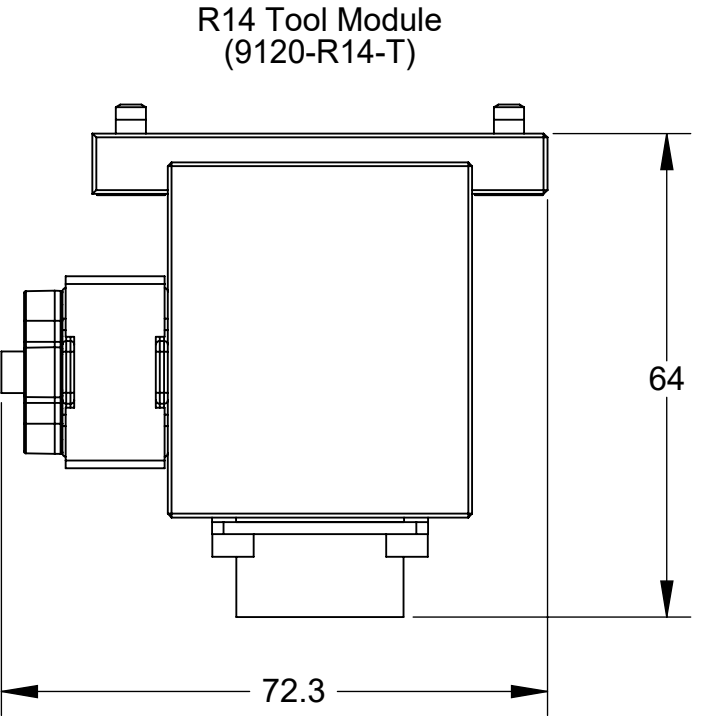
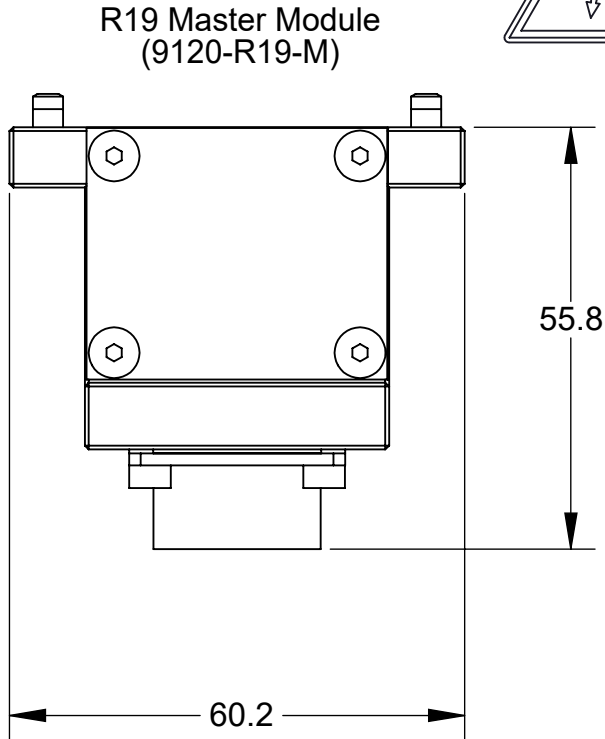


Rev.	Description	Initiator	Date
08	ECO 21683: Updated to reflect changes to R19 housing.	BAW	03/06/2024



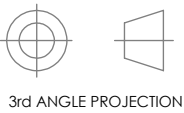
" DANGER!" - Electrical Shock Hazard

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."



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

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: P.Sparrow, 9/16/04

CHECKED BY: B.Digeso, 10/29/04

PROJECT # 030725-3

SHEET 1 OF 2

TITLE

R19-M with R14-T Module Drawing

SCALE

1:1

SIZE

B

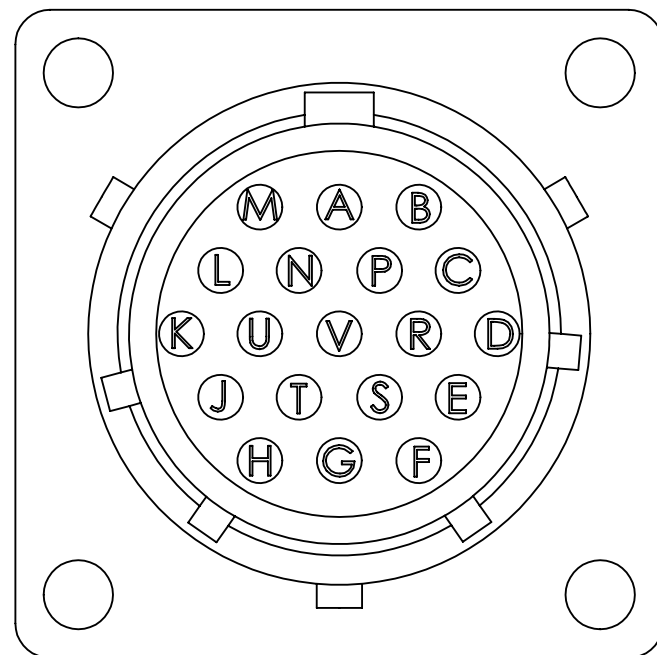
DRAWING NUMBER

9630-20-R19M R14T

REVISION

08

R19-M
Master Side
(PT02E-14-19P)

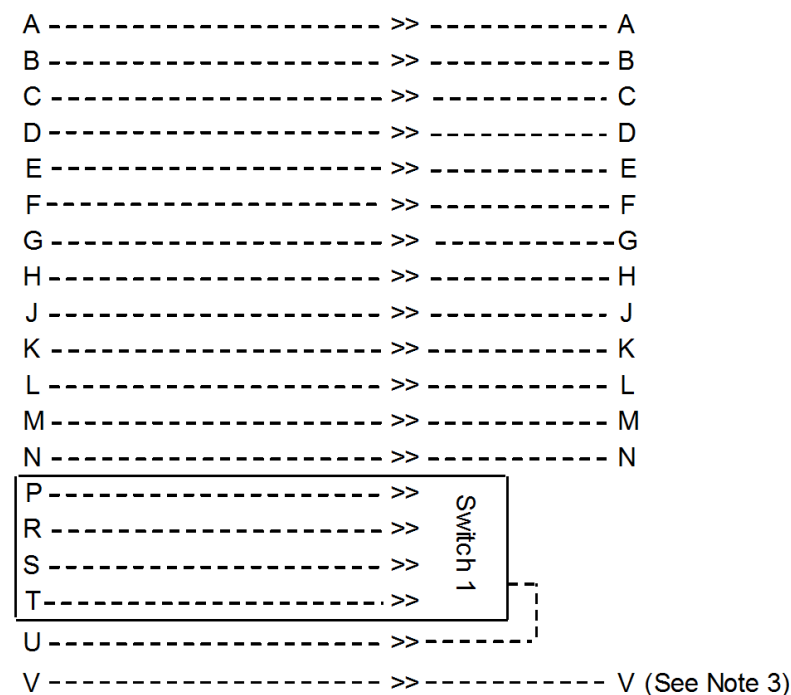


R14-T

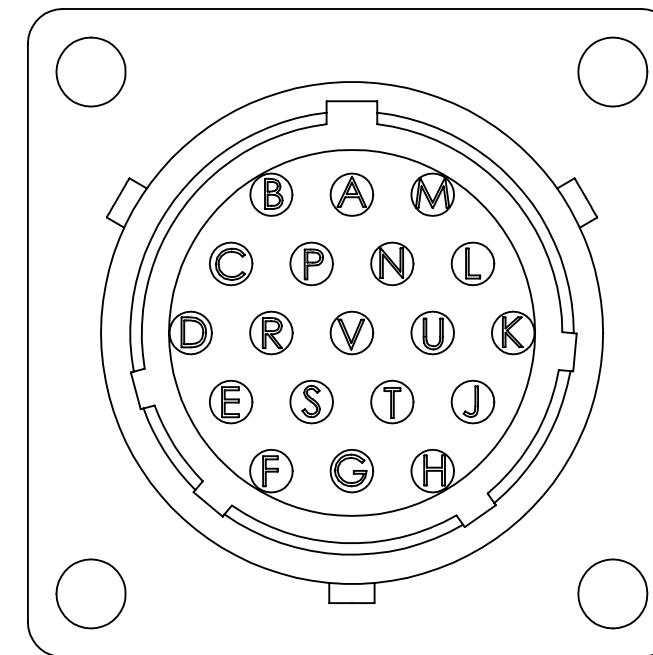
R19 to R14 Pin Out

R19 Master
PT02E-14-19P
Male Connector

R14 Tool
PT02E-14-19S
Female Connector



R14-T
Tool Side
(PT02E-14-19S)

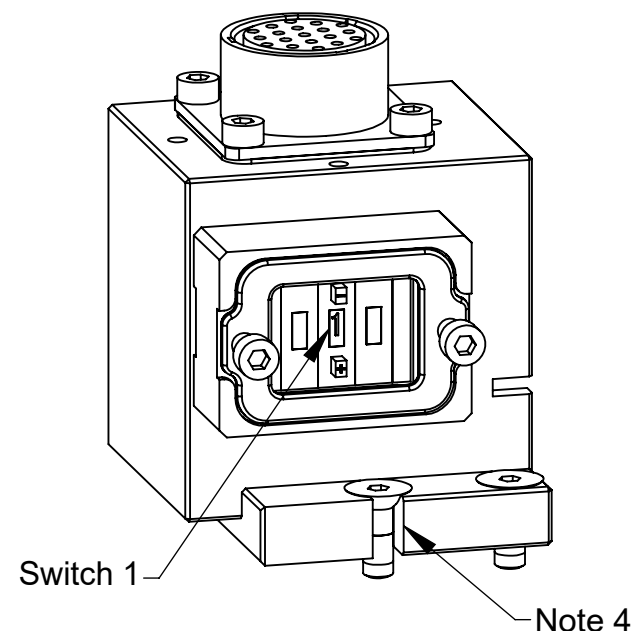


Signal Legend

Pin V: 0 VDC (recommended)
Pin U: Tool ID

Binary Output of Tool ID

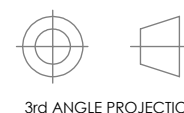
Switch Selection	Pin	Pin	Pin	Pin
	P	S	R	T
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1



- Notes:
- Views of connectors are 3:1 scale.
 - Tool-ID Switch is rated for 0.1A / 30VDC
 - Pin "V" on the amphenol connector is First-to-Mate, Last-to-Break at Tool Changer interface. This pin is recommended for use as ground.
 - Latest models have a slot added to allow screw to be inserted without removing tool ID housing. A stubby or short arm hex key (non ball end) is required to install the fastener in the slotted location.

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

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: P.Sparrow, 9/16/04

CHECKED BY: B.Digeso, 10/29/04

TITLE

R19-M with R14-T Module Drawing

PROJECT # 030725-3

SHEET 2 OF 2

SCALE
1:1

SIZE
B

DRAWING NUMBER
9630-20-R19M R14T

REVISION
08