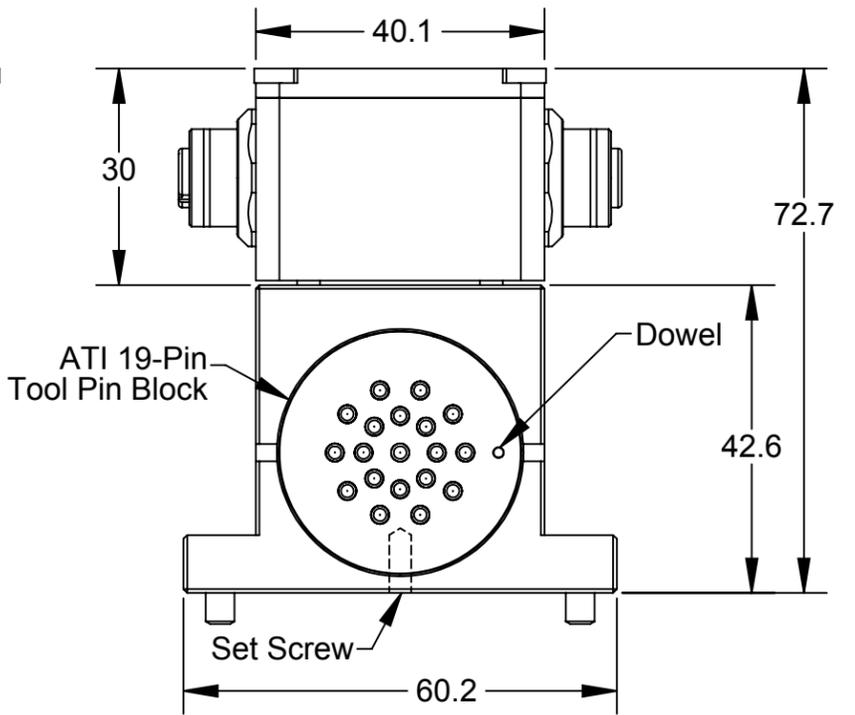
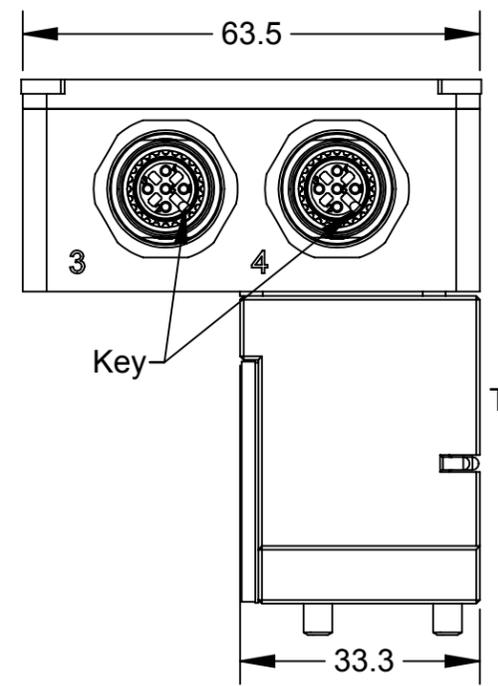
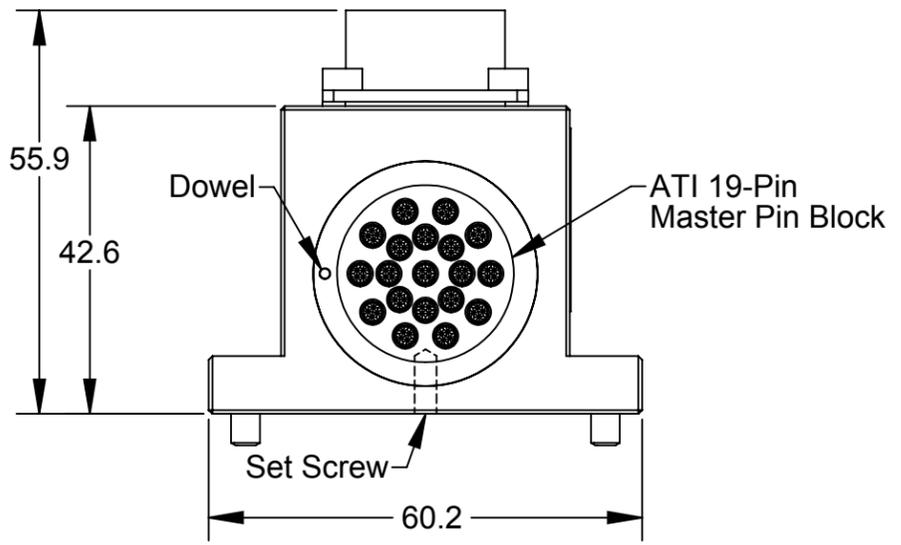
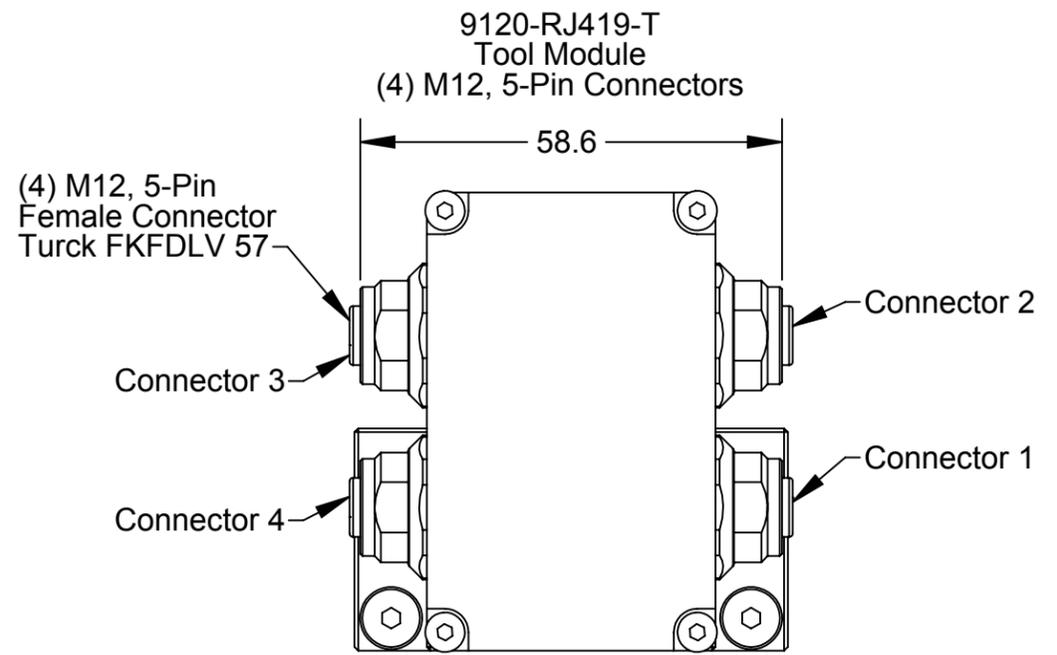
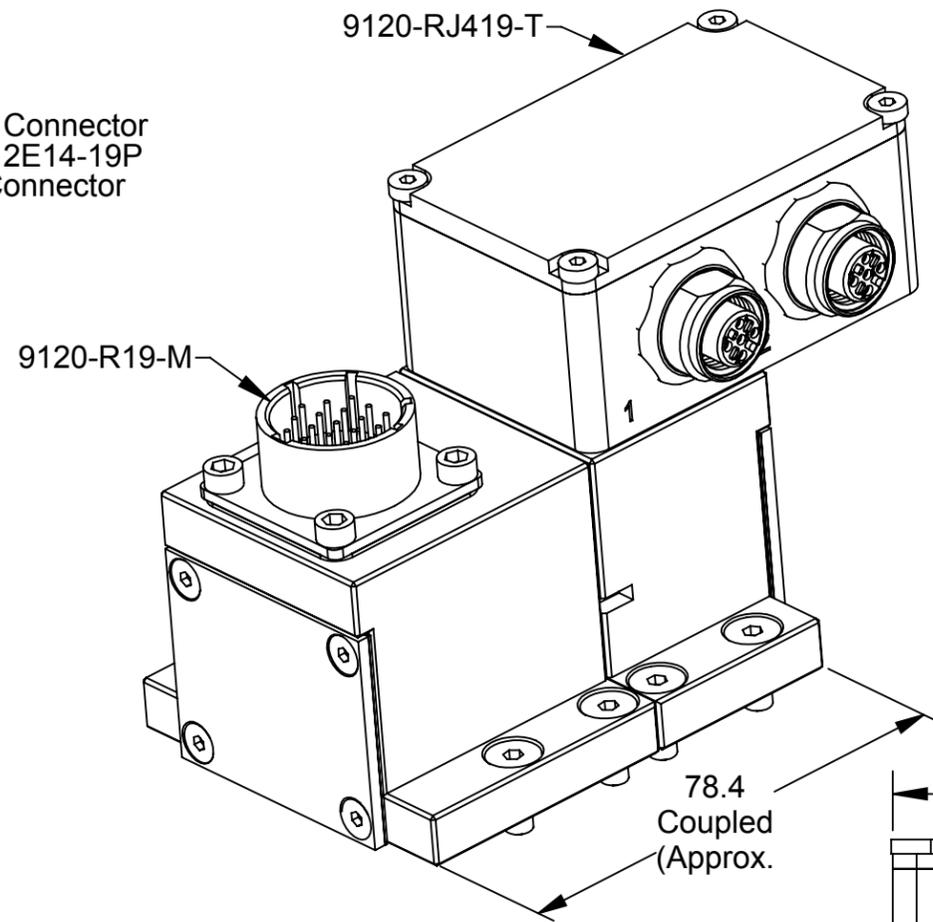
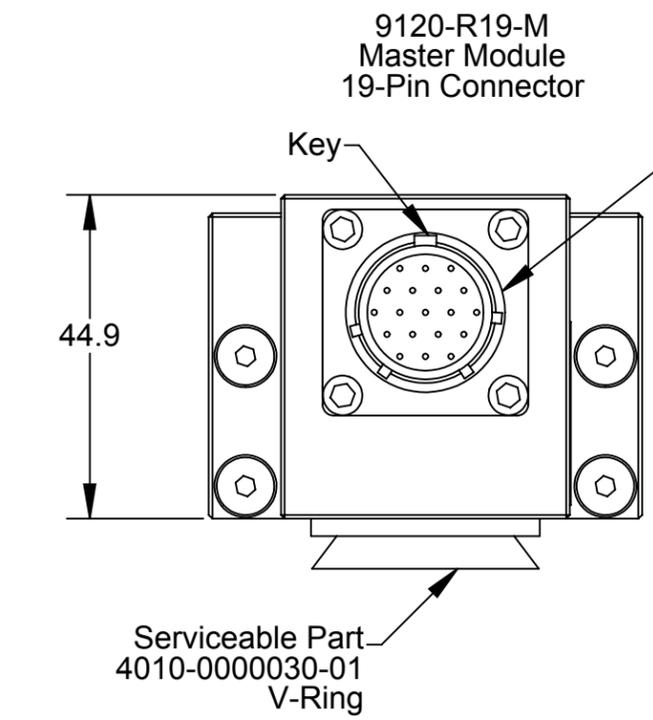


| Rev. | Description                  | Initiator | Date       |
|------|------------------------------|-----------|------------|
| 01   | Initial Release              | PDL       | 9/27/2012  |
| 02   | Revised Electrical Schematic | PDL       | 10/22/2012 |



- Notes:
1. RJ419 Tool Module's Electrical rating: 2 Amps / 60 VAC.
  2. Customer approval of electrical schematic is required.
  3. Customer is to approve connector selection and orientation.
  4. See sheet 2 for module wiring schematic.

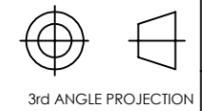
NOTES: UNLESS OTHERWISE SPECIFIED.

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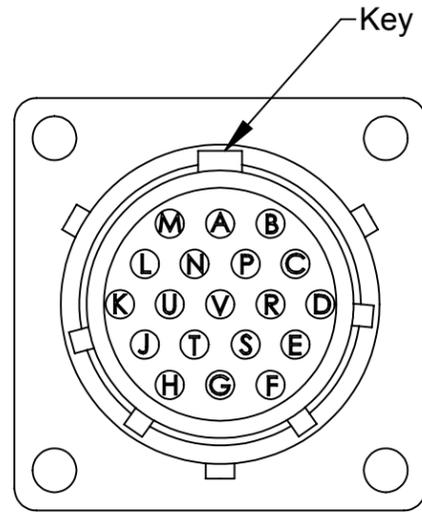
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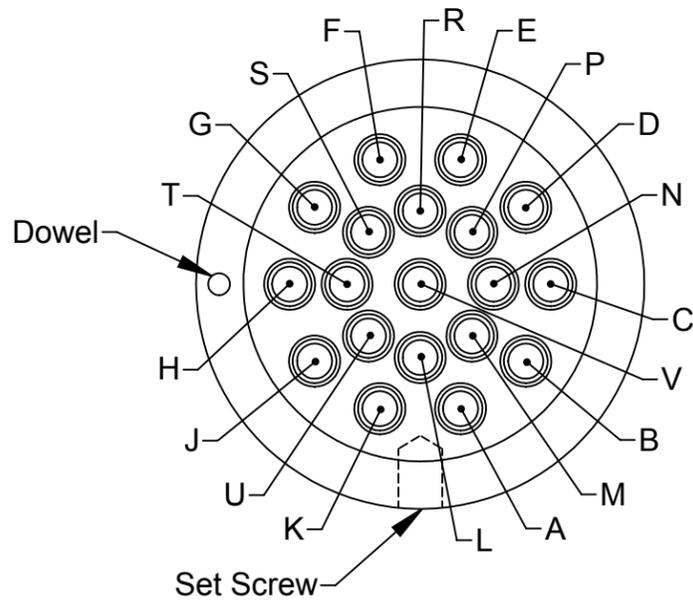
|  |                       |                                    |                     |
|--|-----------------------|------------------------------------|---------------------|
| DRAWN BY: P.Luczka, 10/5/12                          |                       | TITLE                              |                     |
| CHECKED BY: A.Takla, 10/8/12<br>B.Henderson, 10/9/12 |                       | RJ419 Tool Module w M12 connectors |                     |
| PROJECT #  | 120911-1 SHEET 1 OF 2 | SCALE                              | 1:1                 |
| SIZE   | B                     | DRAWING NUMBER                     | 9630-20-R19M RJ419T |
|  |                       |                                    | REVISION            |
|  |                       |                                    | 02                  |

# ELECTRICAL SCHEMATIC

|      |             |           |      |
|------|-------------|-----------|------|
| Rev. | Description | Initiator | Date |
| -    | See Sheet1  | -         | -    |

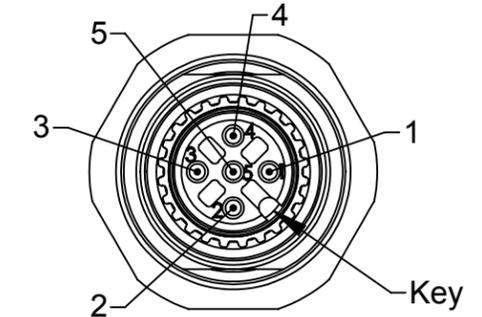
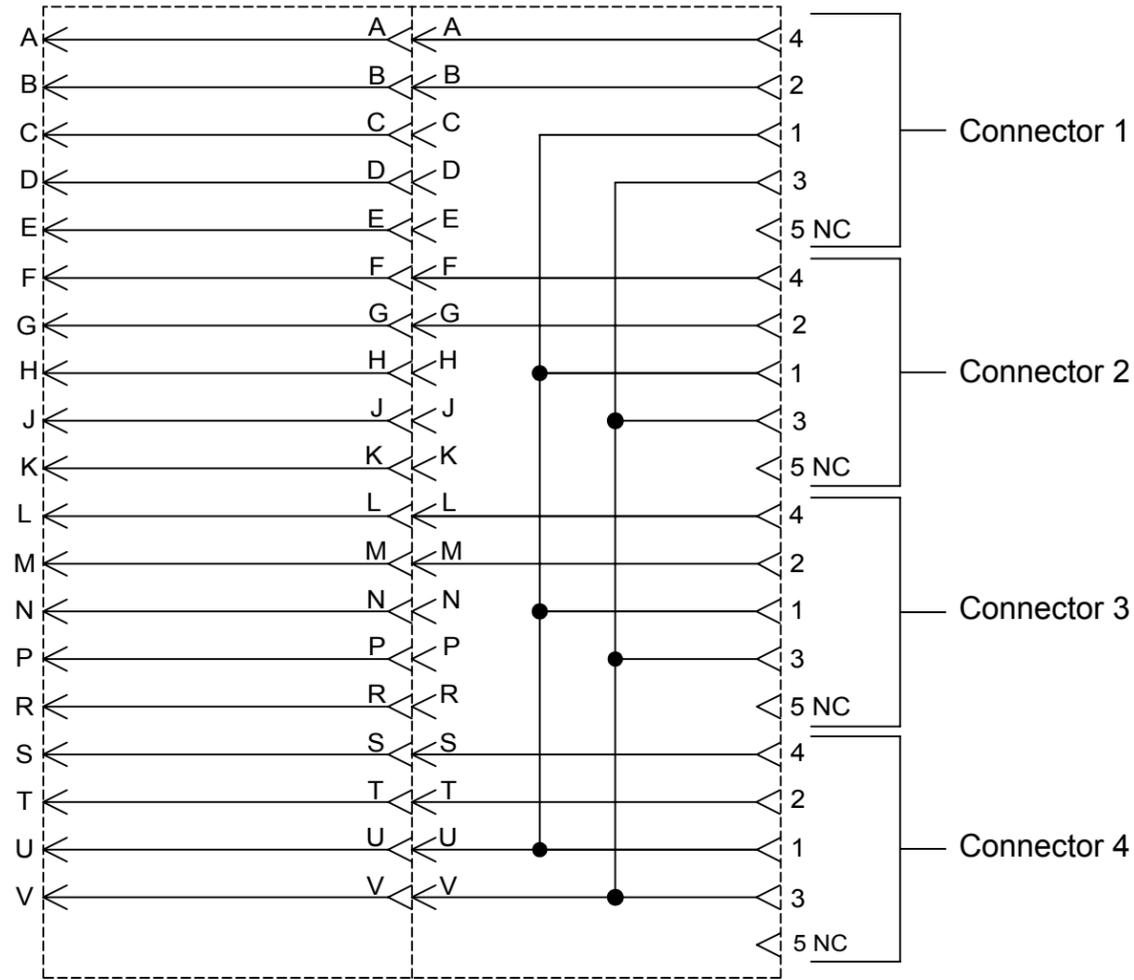


19-Pin Connector  
MS3112E14-19P  
Male Connector

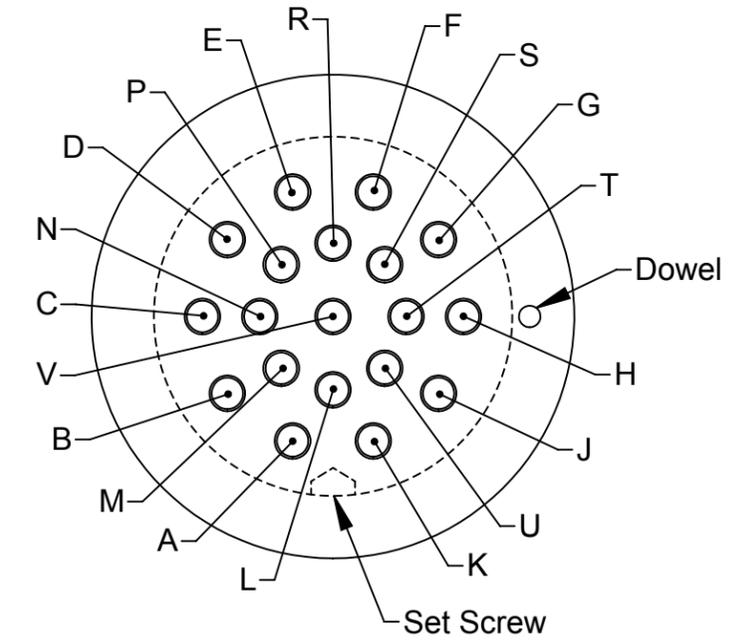


ATI 19-Pin  
Master Pin Block

Master  
(9120-R19-M)
ATI Pin  
Block
Tool  
(9120-RJ419-T)



(4) M12, 5-Pin  
Female Connector  
Turck FKFDLV 57



ATI 19-Pin  
Tool Pin Block

| Legend |   |
|--------|---|
| Pin #  | Description                                 |
| 1      | 24V (shared)                                |
| 2      | Sensor 2 input (24V for PNP, or 0V for NPN) |
| 3      | 0V (shared)                                 |
| 4      | Sensor 1 input (24V for PNP, or 0V for NPN) |
| 5      | No connection                               |

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.  
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3rd ANGLE PROJECTION



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|  |                                    |
|--|------------------------------------|
| DRAWN BY: P.Luczka, 10/5/12                          | TITLE                              |
| CHECKED BY: A.Takla, 10/8/12<br>B.Henderson, 10/9/12 | RJ419 Tool Module w M12 connectors |
| PROJECT # 120911-1 SHEET 2 OF 2                      | SCALE 1:1                          |
|  | SIZE B                             |
|  | DRAWING NUMBER 9630-20-R19M RJ419T |
|  | REVISION 02                        |