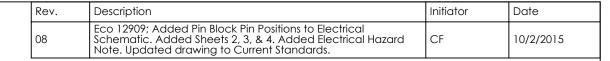
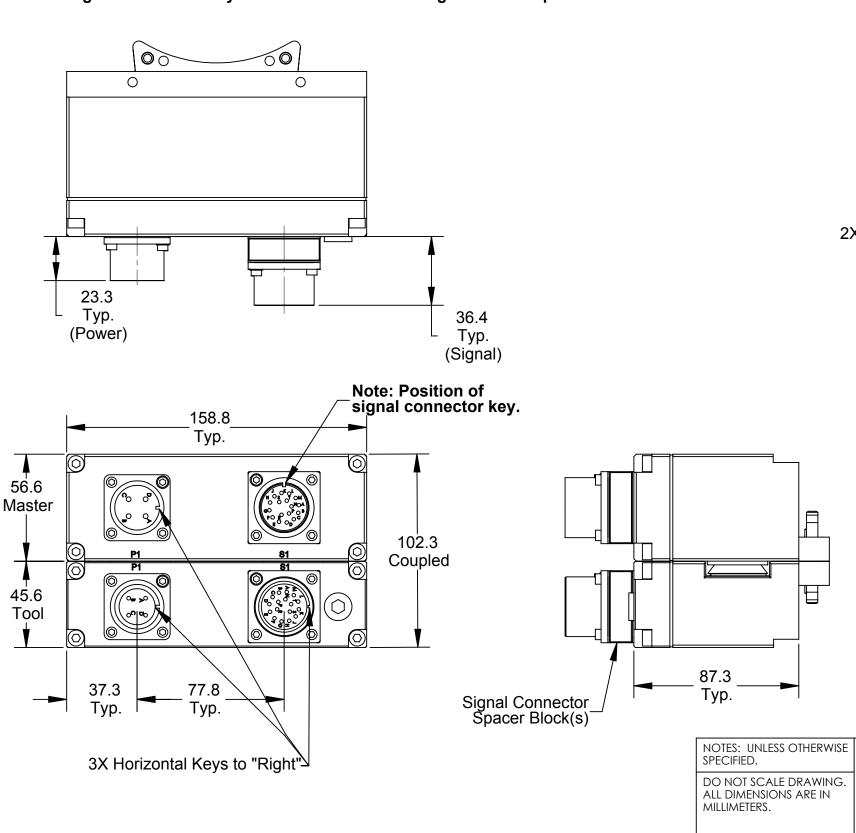
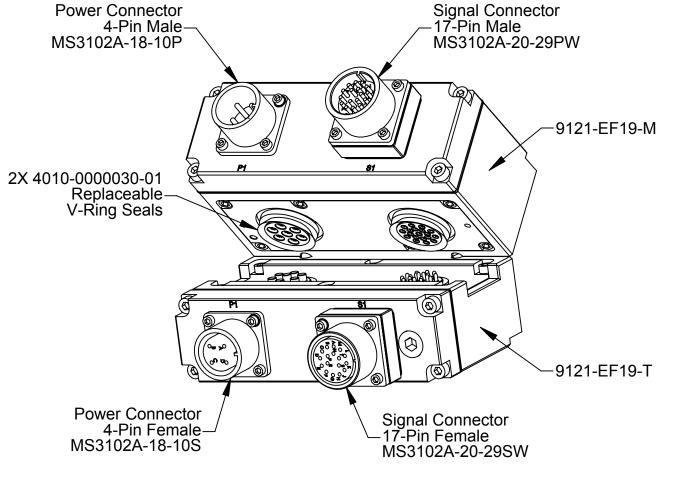


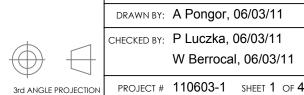
"DANGER!" - Electrical Shock Hazard

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.









INDUSTRIAL AUTOMATION

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DRAWN BY: A Pongor, 06/03/11 CHECKED BY: P Luczka, 06/03/11 W Berrocal, 06/03/11

EF19 Servo Assembly & Wiring

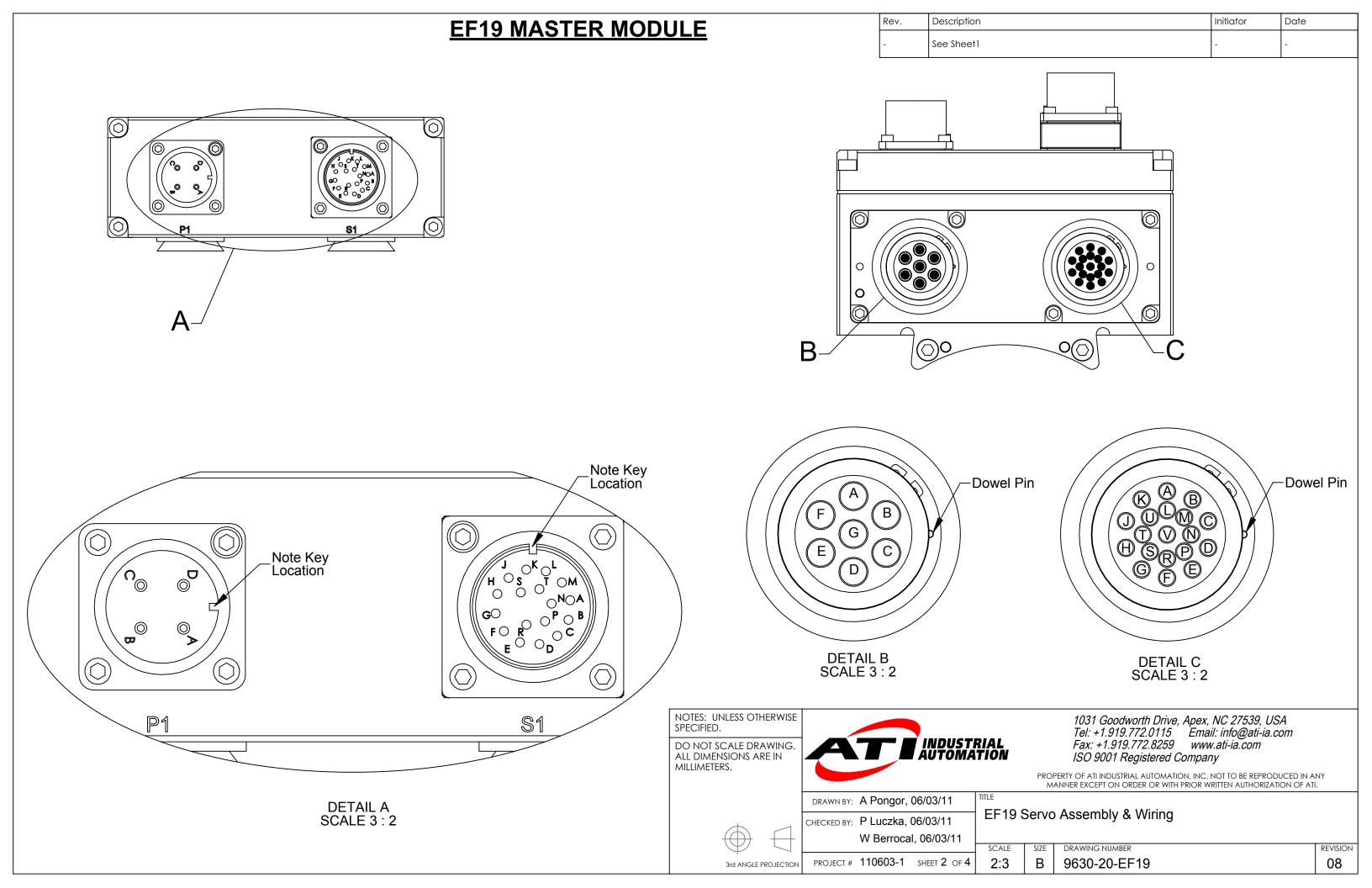
DRAWING NUMBER SCALE 1:2 В

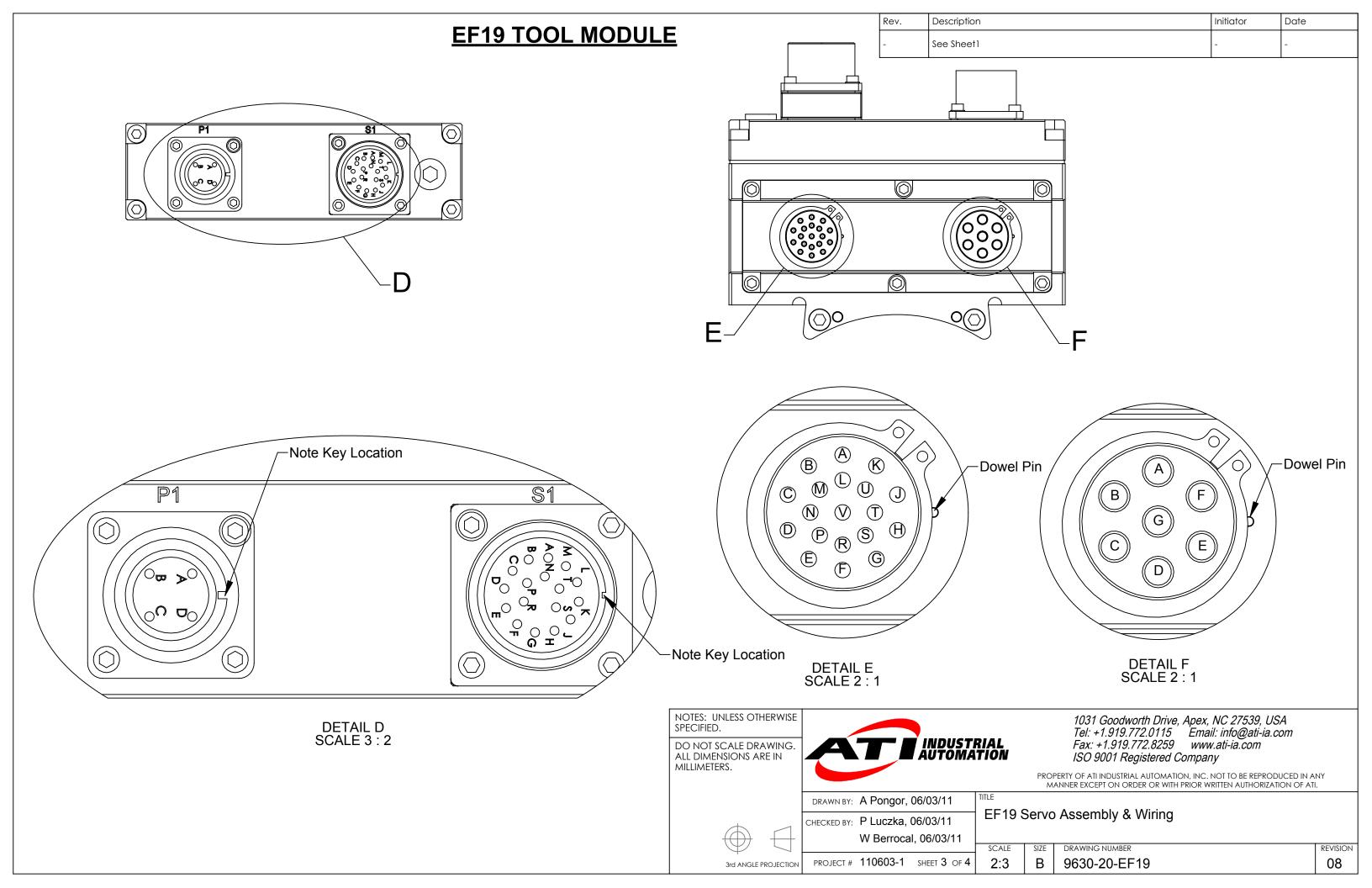
REVISION 9630-20-EF19

80

Operation:

Do not couple or uncouple the servo modules unless electrical power has been disconnected and discharged both upstream and downstream from the modules.





Description Initiator Date See Sheet1 9121-EF19-M 9121-EF19-T ATI 7-Pin Block 4-Pin Male 4-Pin Female $(N/C)^B$ □ (N/C) **Power Connector Power Connector** MS3102A-18-10P MS3102A-18-10S - (N/C) (N/C) Connector Connector (N/C) (N/C) Housing Housing ATI 19-Pin Block Note 2 ✓ Note 1 D← 17-Pin Male 17-Pin Female Signal Connector Signal Connector ^{(K} MS3102A-20-29SW MS3102A-20-29PW K (N/C) (N/C) ((N/C) (N/C) (N/C) N/C) (N/C) Connector (N/C)(N/C) Connector Housing Housing NOTES: UNLESS OTHERWISE 1031 Goodworth Drive, Apex, NC 27539, USA SPECIFIED. INDUSTRIAL AUTOMATION DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN ISO 9001 Registered Company MILLIMETERS. PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI. Notes: DRAWN BY: A Pongor, 06/03/11 Indicated signal pairs are twisted and shielded.
The signal pair shields are connected to the 17-Pin Connector Shell.
Pin G of the 7-Pin Block is first-to-mate, last-to-break.
Pin V of the 19-Pin Block is first-to-mate, last-to-break. EF19 Servo Assembly & Wiring CHECKED BY: P Luczka, 06/03/11 W Berrocal, 06/03/11 DRAWING NUMBER SCALE REVISION PROJECT # 110603-1 SHEET 4 OF 4 1:2 В 9630-20-EF19 80 3rd ANGLE PROJECTION