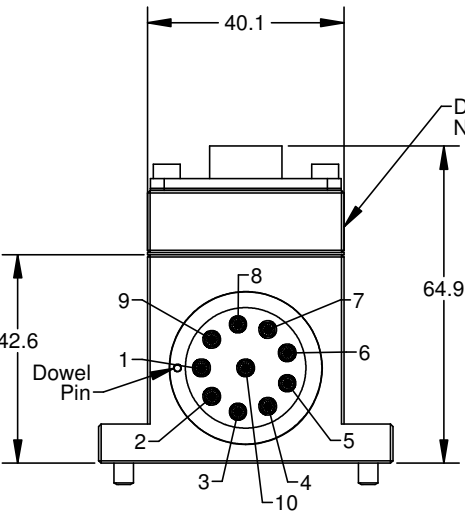
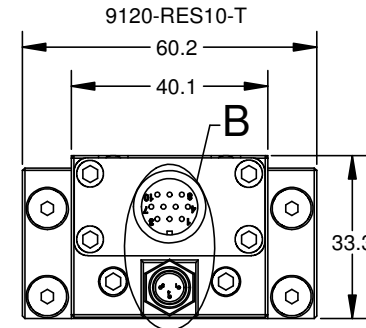
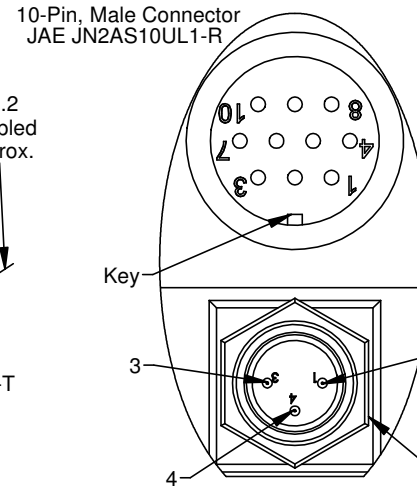
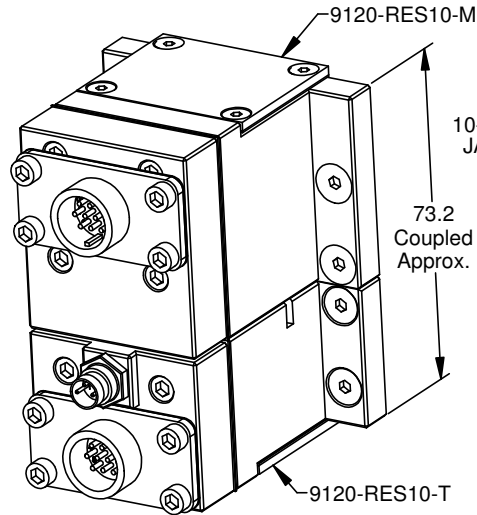
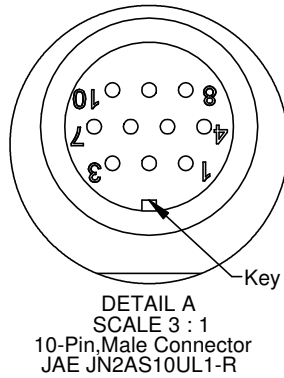
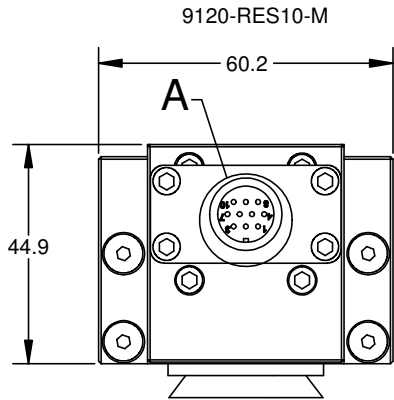


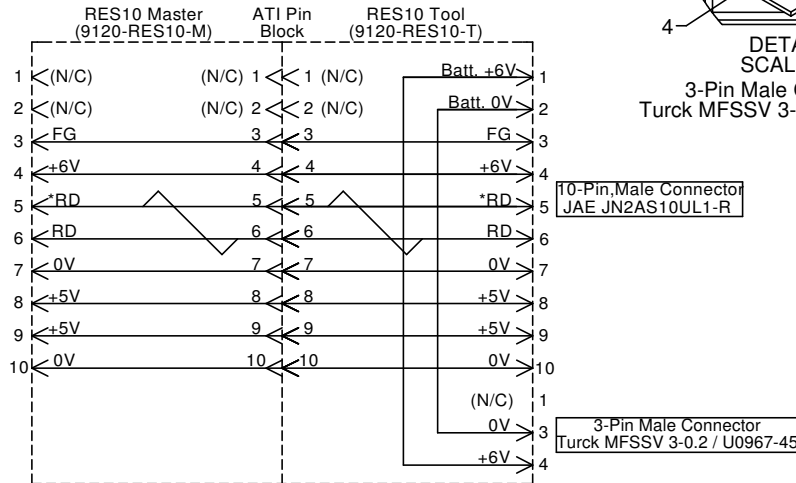
Rev.	Description	Initiator	Date
02P	Renamed modules from Ry to ES	AP	4/5/2012
03P	Renamed modules from ES to RES	AP	4/5/2012
04	Initial Release	AP	4/11/2012



Delrin
Non-Conductive

10-Pin, Male Connector
JAE JN2AS10UL1-R

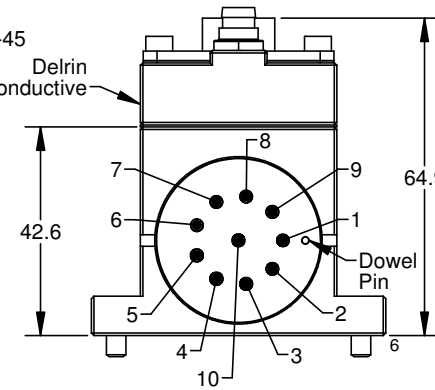
ELECTRICAL SCHEMATIC



10-Pin, Male Connector
JAE JN2AS10UL1-R

3-Pin Male Connector
Turk MFSSV 3-0.2 / U0967-45

Delrin
Non-Conductive

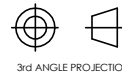


Notes:

- The RES10 Module is rated to 3A maximum current, 150V maximum voltage.
- DANGER! - For electrical modules using > 60 VDC or 42 VAC, 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.
- Battery back up must be provided on tool.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN
MILLIMETERS.



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DRAWN BY: A Pongor 03/27/12	TITLE
CHECKED BY: W Berrocal 03/30/12 L Jasmini 04/03/12	Servo Signal Module Assembly, Wiring
PROJECT # 120323-3 SHEET 1 OF 1	SCALE 1:1 SIZE B DRAWING NUMBER 9630-20-RES10 REVISION 04