

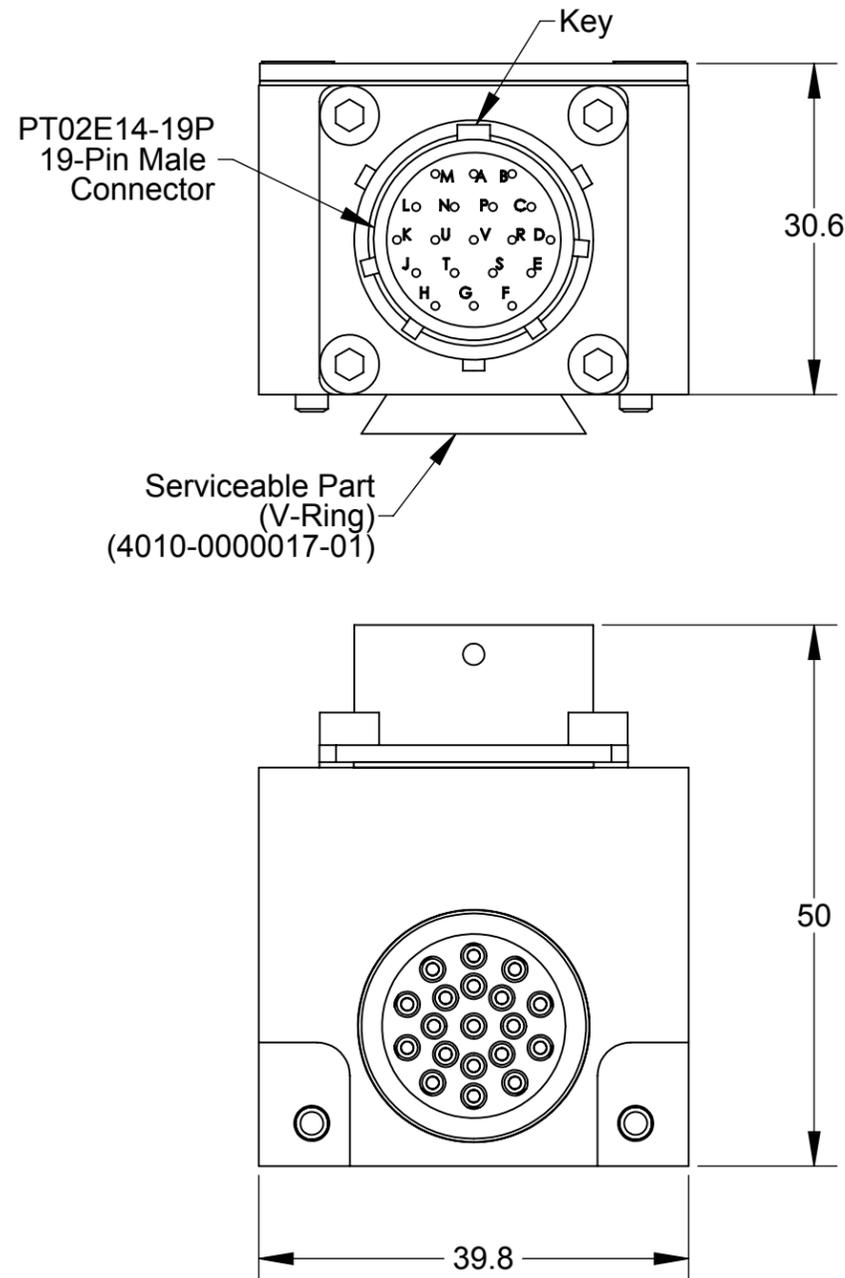


"DANGER!" - Electrical Shock Hazard

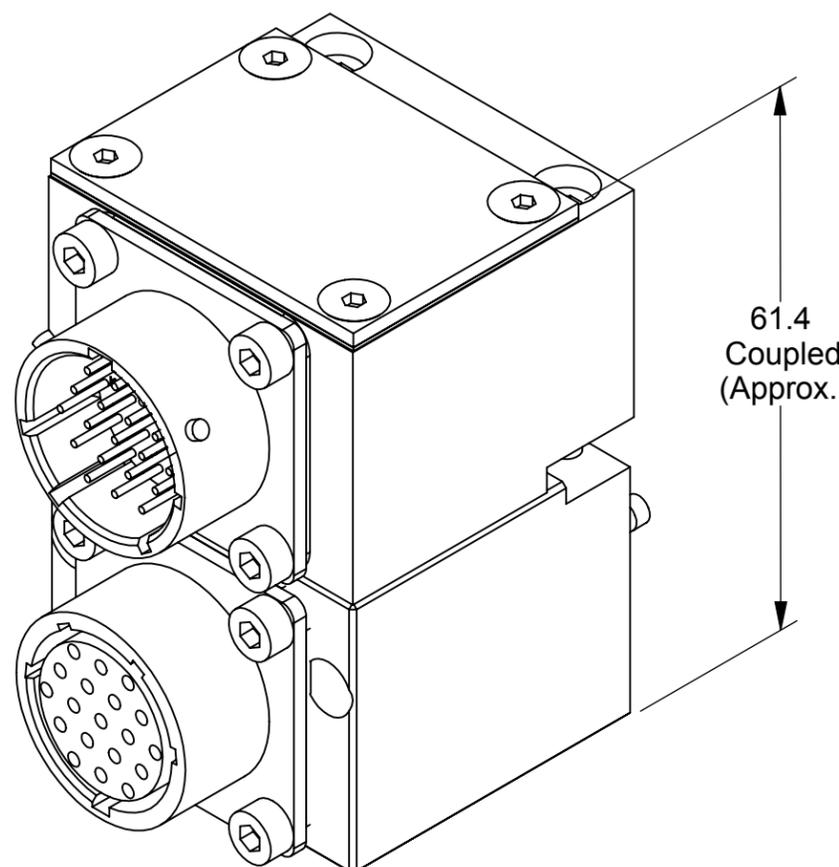
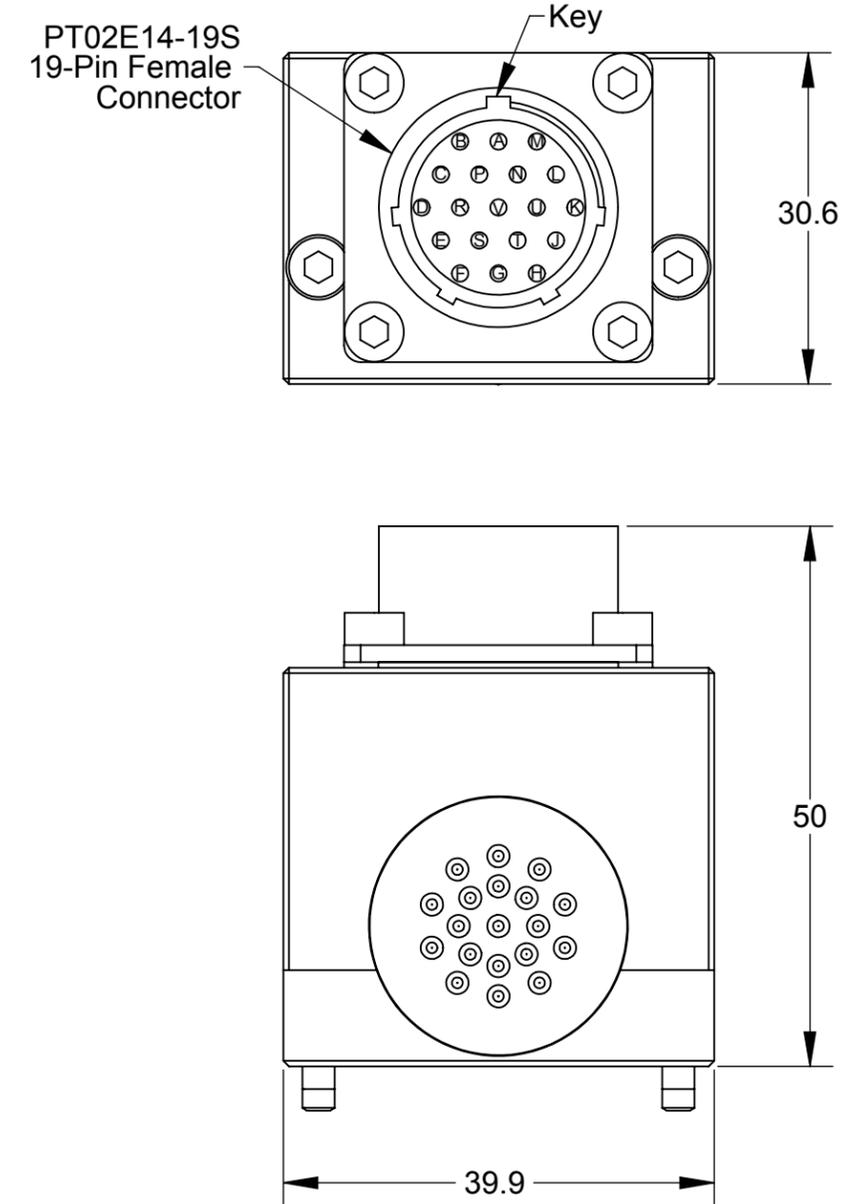
This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

REV.	DESCRIPTION	INITIATOR	DATE
07	Eco 16952; Added Sheets 2 and 3. Added Pin Block Information and Electrical Shock Note. Updated Electrical Schematic to Current Standard.	CF	6/18/2018

9120-K19-M



9120-K19-T



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION

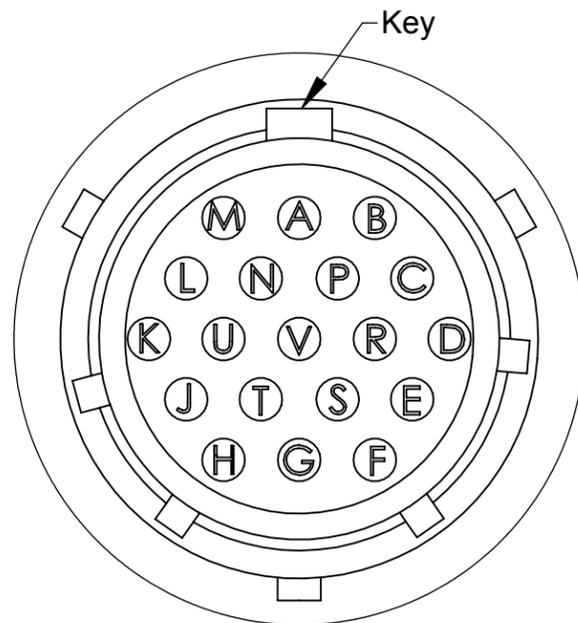
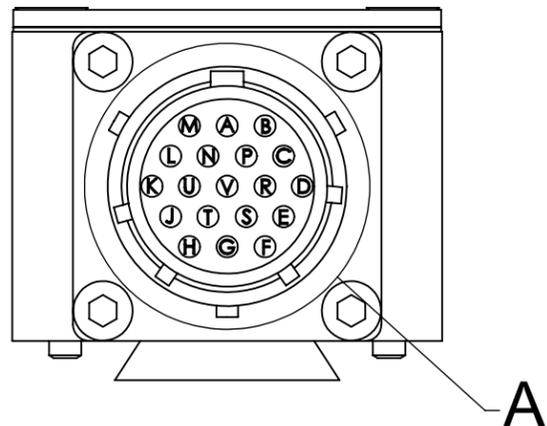


1031 Goodworth Drive, Apex, NC 27539, USA
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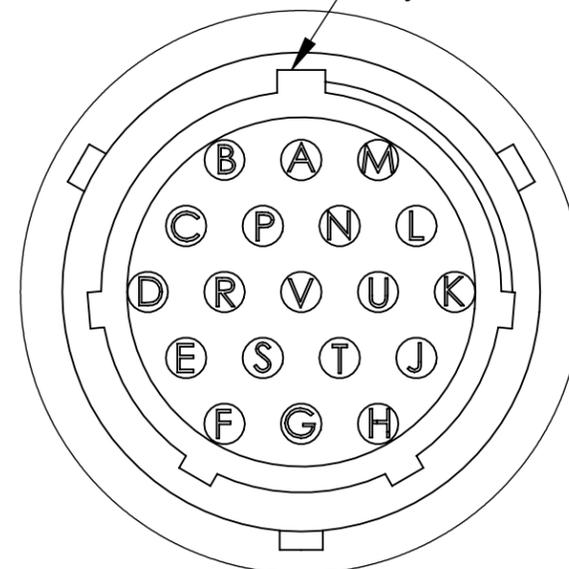
DRAWN BY: P.Sparrow, 6/17/03		TITLE	
CHECKED BY: J.Snape, 1/6/04		K19 Module Drawing	
PROJECT # 030725-3	SHEET 1 OF 3	SCALE 3:2	SIZE B
DRAWING NUMBER 9630-20-K19		REVISION 07	

9120-K19-M



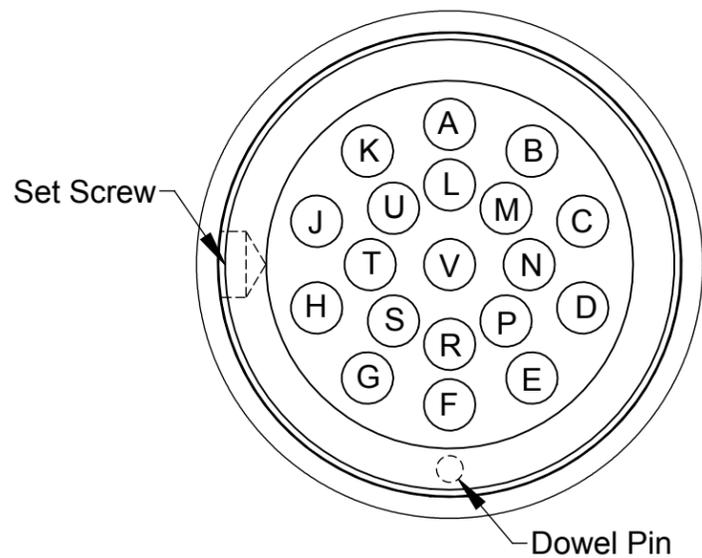
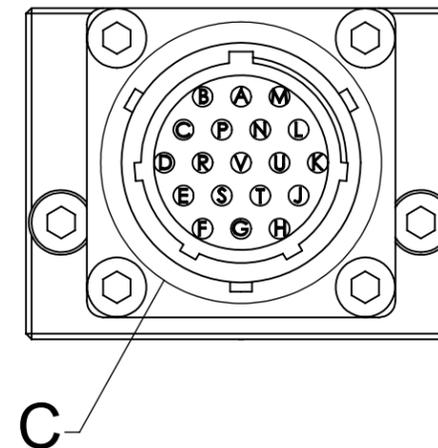
19-Pin Male Connector
DETAIL A
SCALE 3 : 1

Key

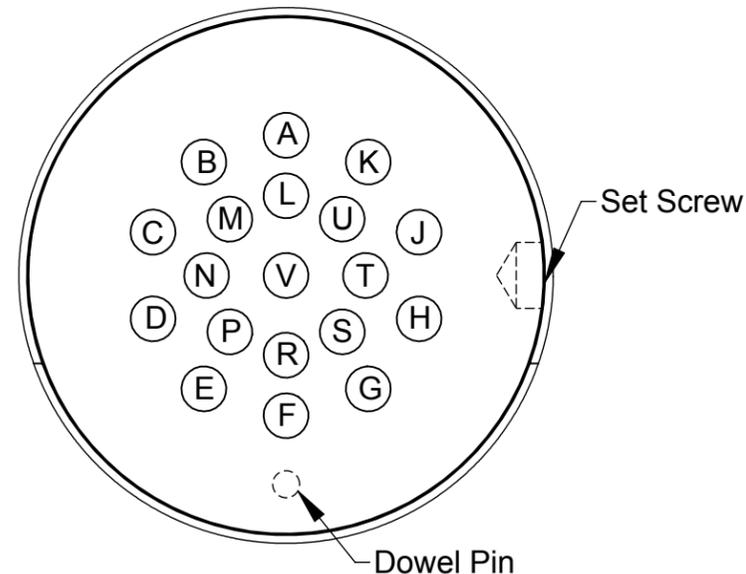


19-Pin Female Connector
DETAIL C
SCALE 3 : 1

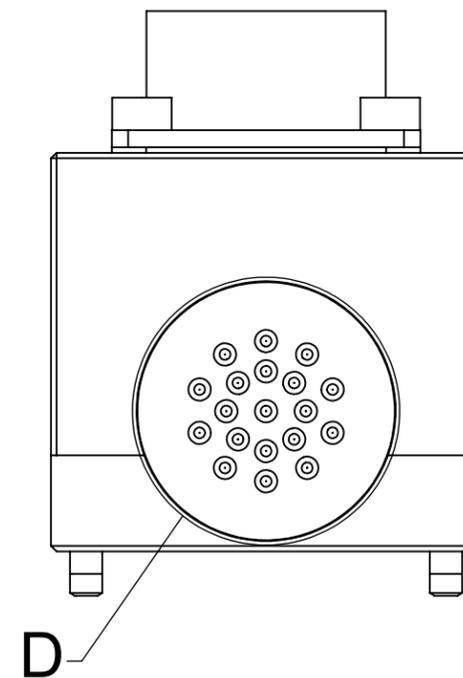
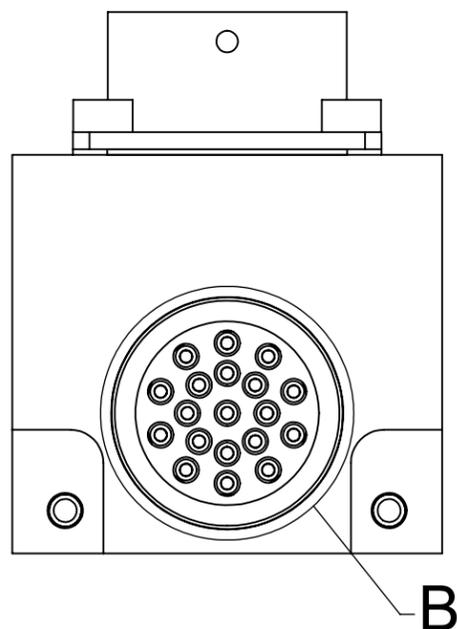
9120-K19-T



19-Pin Master Block
DETAIL B
SCALE 3 : 1

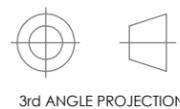


19-Pin Tool Block
DETAIL D
SCALE 3 : 1



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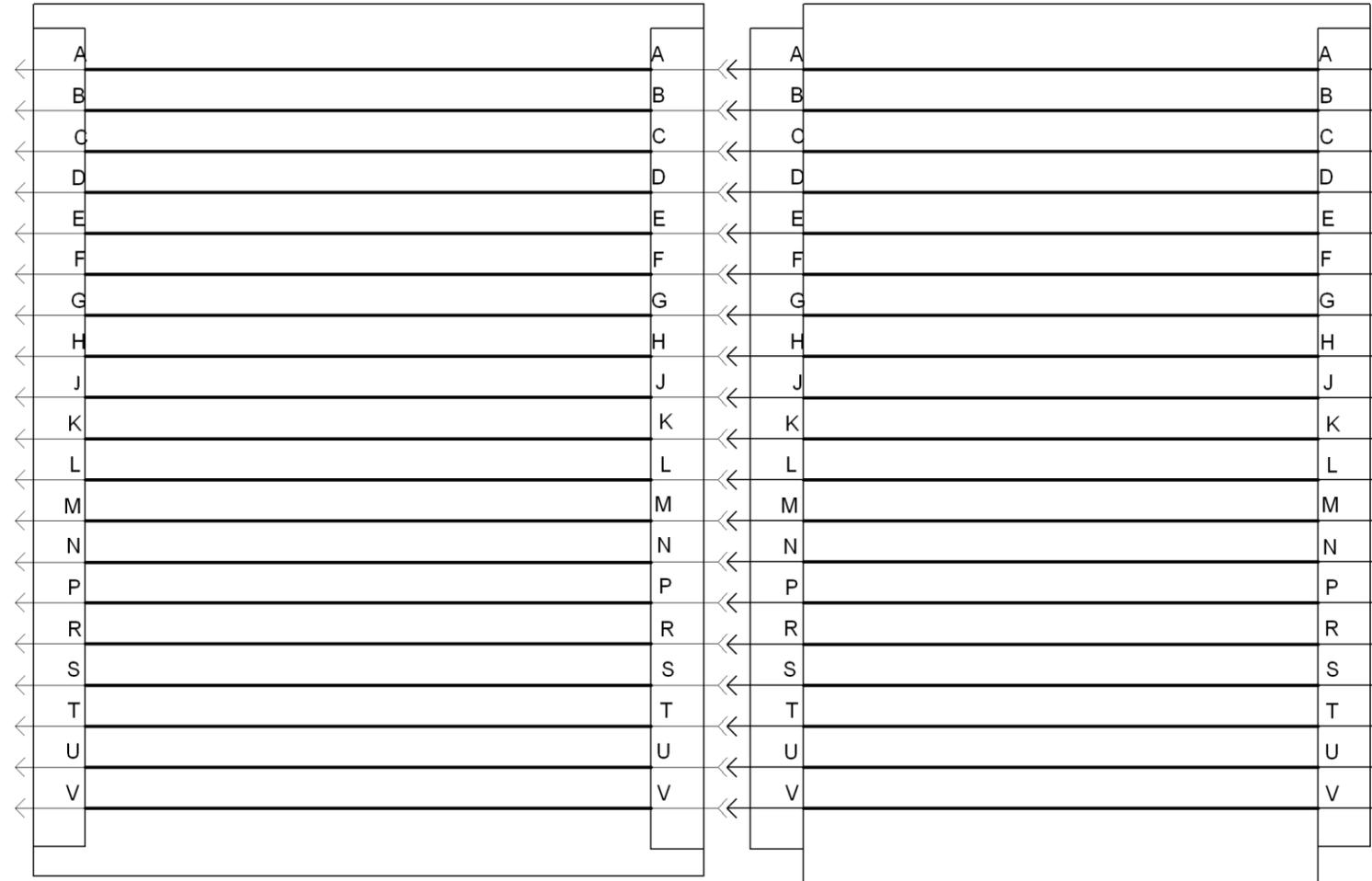
DRAWN BY: P.Sparrow, 6/17/03		TITLE K19 Module Drawing		
CHECKED BY: J.Snape, 1/6/04		SCALE 3:2	SIZE B	DRAWING NUMBER 9630-20-K19
PROJECT # 030725-3	SHEET 2 OF 3			REVISION 07

9120-K19-M

ATI 19-Pin
Block

9120-K19-T

19-Pin Male
Connector



19-Pin Female
Connector

Notes:

- Pin "V" on the amphenol connector is First-to-mate Last-to-break at the Tool Changer interface. This pin is recommended for use as ground.

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3rd ANGLE PROJECTION



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DRAWN BY: P.Sparrow, 6/17/03		TITLE	
CHECKED BY: J.Snape, 1/6/04		K19 Module Drawing	
PROJECT #	030725-3	SHEET	3 OF 3
SCALE	3:2	SIZE	B
DRAWING NUMBER	9630-20-K19		REVISION
			07