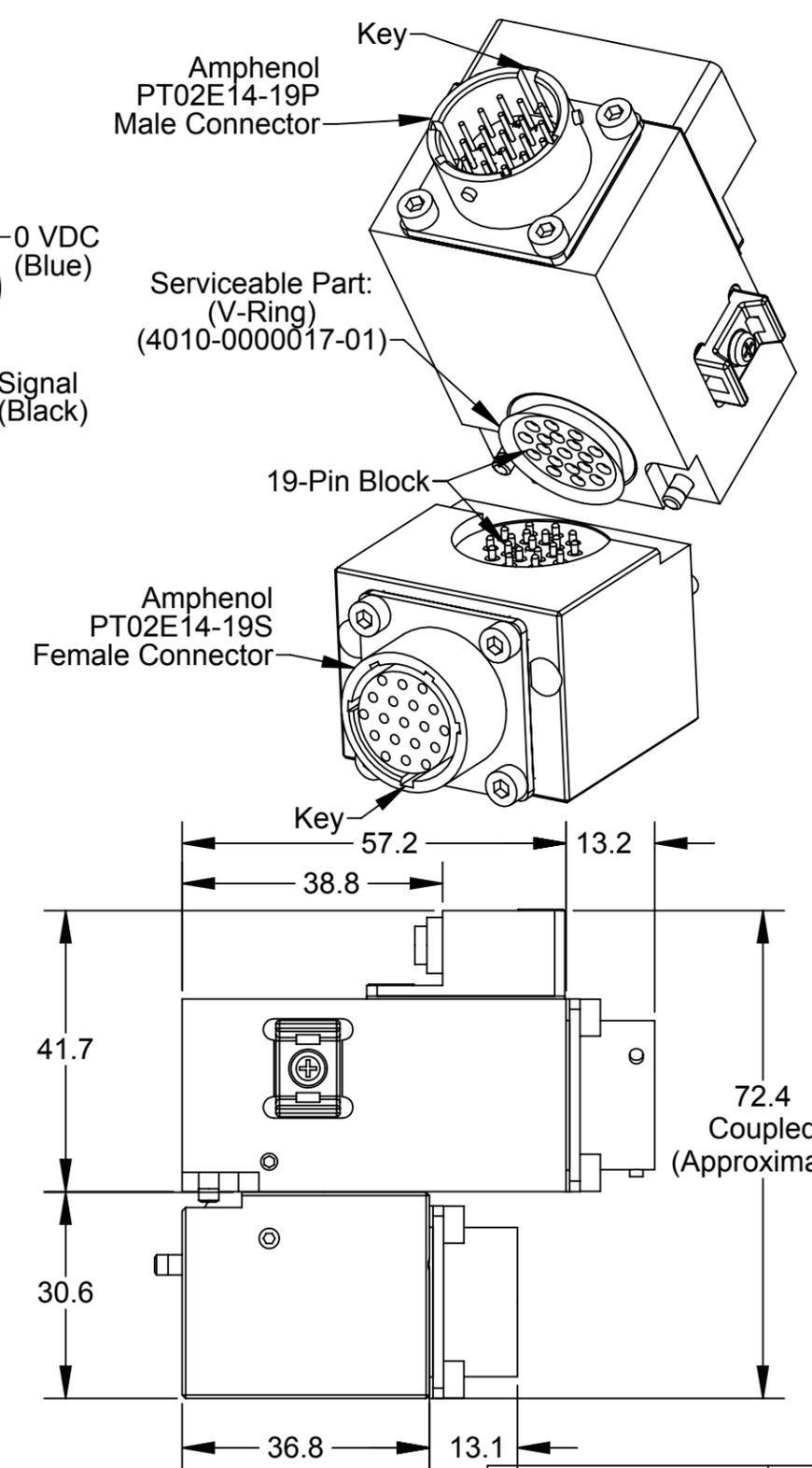
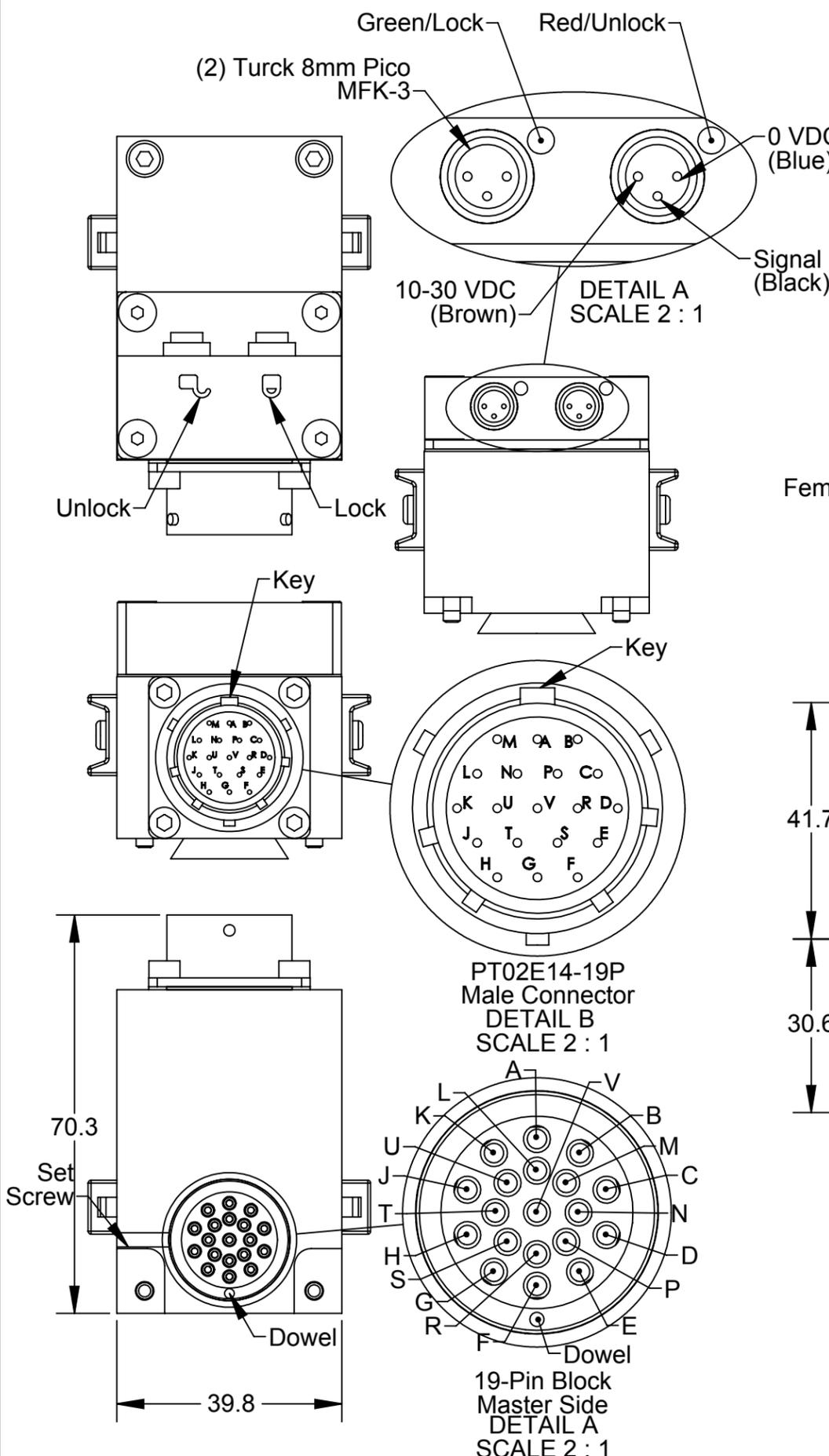
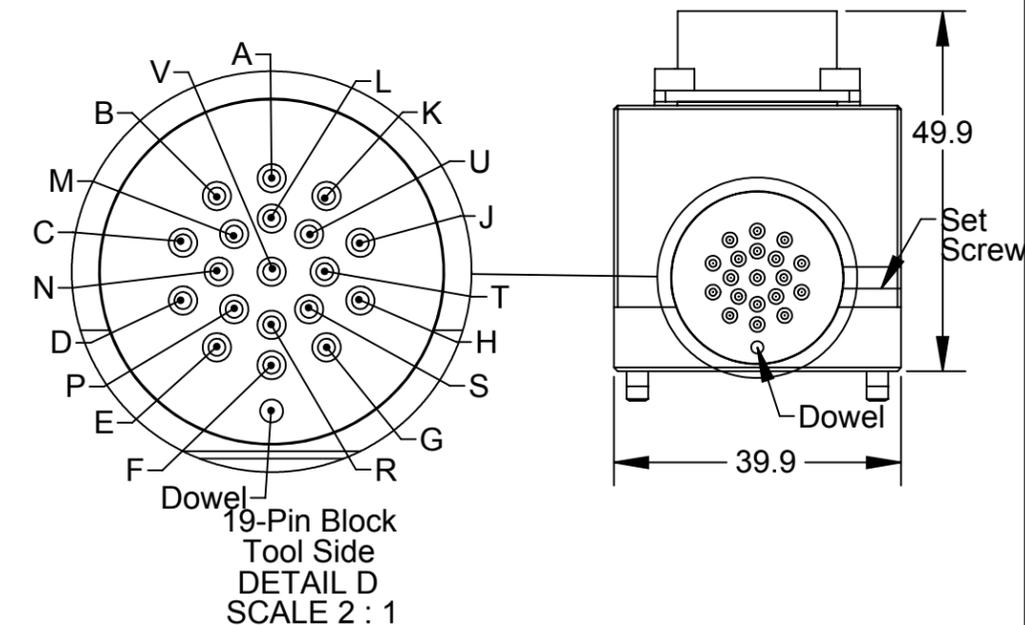
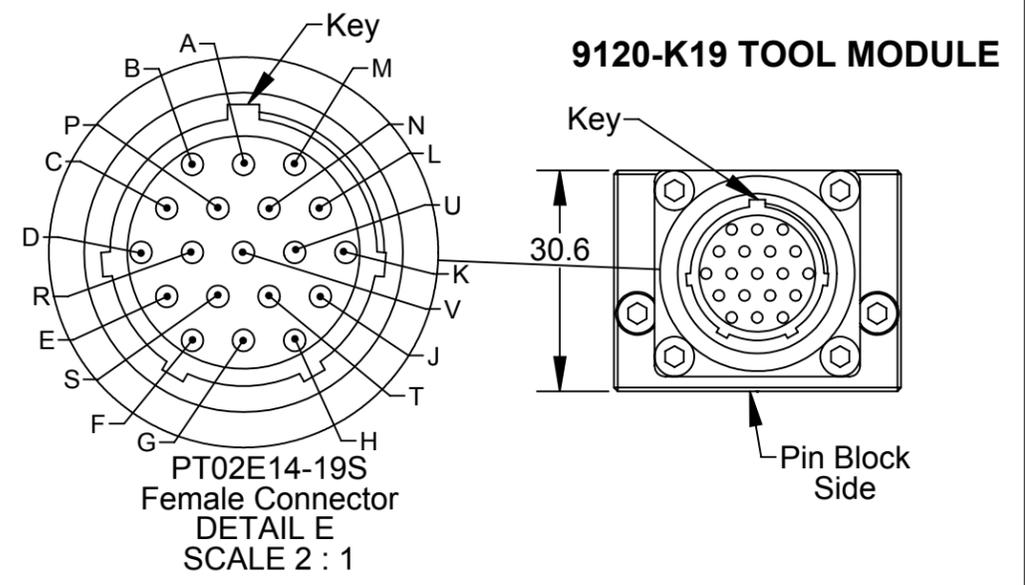


9120-K19H MASTER MODULE



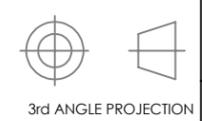
Rev.	Description	Initiator	Date
01	Initial Design	AP	8/16/2011
02	Changed pin designation on pin block from numbers to letter to match tool side module.	AP	10/14/2011
03	Project Release	AP	12/1/2011

"DANGER! - For electrical modules using > 60VDC 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."



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



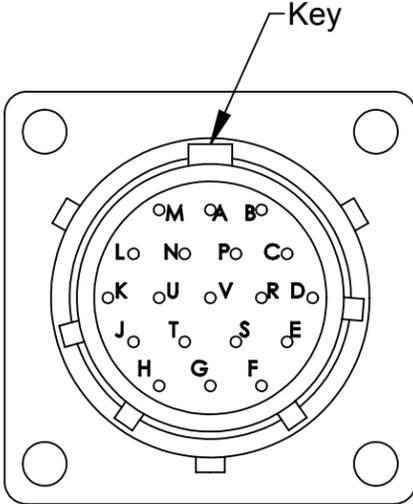
1031 Goodworth Drive, Apex, NC 27539, USA
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 Fax: +1.919.772.8259 www.ati-ia.com
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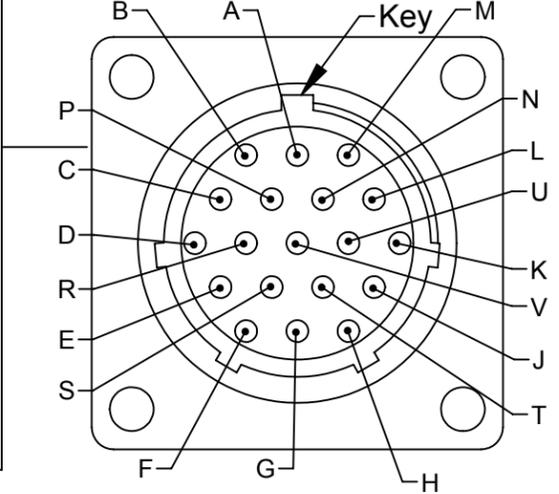
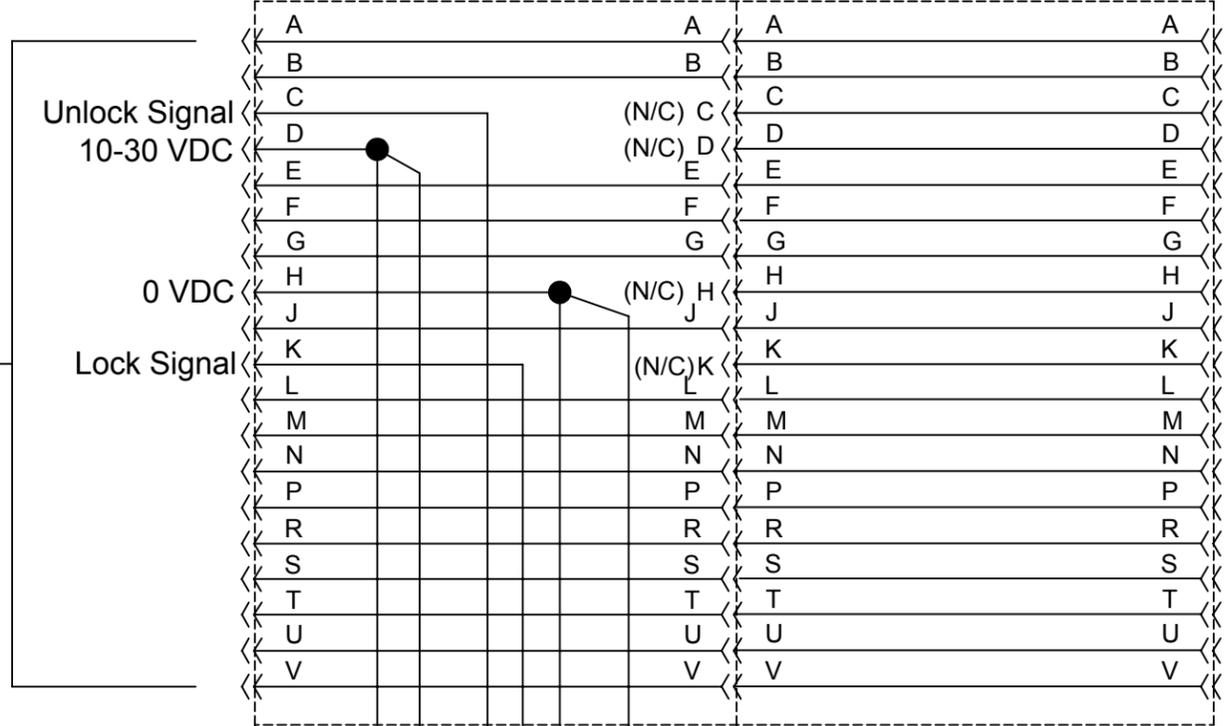
DRAWN BY: A Pongor 08/16/2011		TITLE	
CHECKED BY: K Zachary 08/24/11 L Jamshidi 08/24/11		K19H Master and K19 Tool Assembly, Wiring	
PROJECT # 110812-1	SHEET 1 OF 2	SCALE 1:1	SIZE B
		DRAWING NUMBER	REVISION
		9630-20-K19HM K19T	03

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

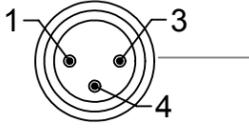
K19H Master ATI 19-Pin Block **K19 Tool**



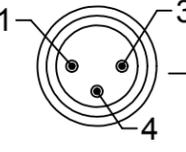
PT02E14-19P
Male Connector
SCALE 2 : 1



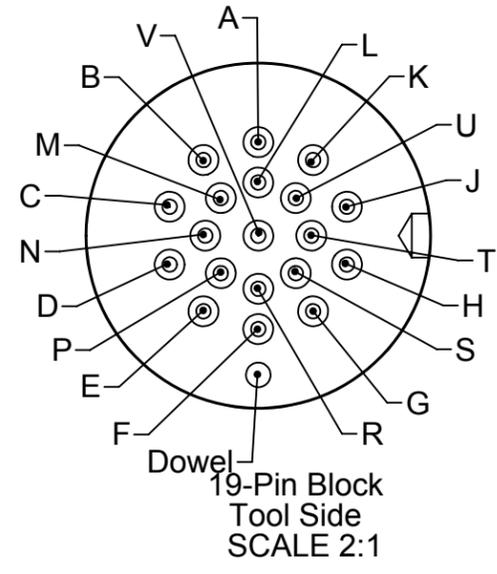
PT02E14-19S
Female Connector
SCALE 2 : 1



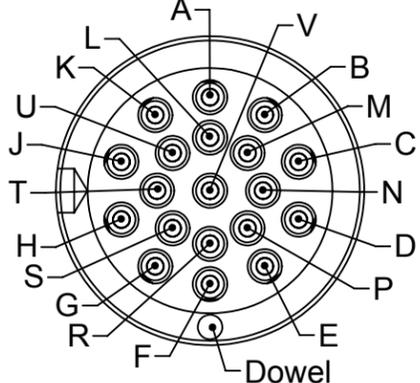
Lock / Turck 8mm Pico
MFK-3



Unlock/ Turck 8mm Pico
MFK-3



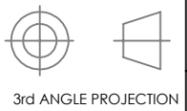
19-Pin Block
Tool Side
SCALE 2:1



19-Pin Block
Master Side
SCALE 2:1

- 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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DRAWN BY: A Pongor 08/16/2011		TITLE	
CHECKED BY: K Zachary 08/24/11 L Jamshidi 08/24/11		K19H Master and K19 Tool Assembly, Wiring	
PROJECT # 110812-1	SHEET 2 OF 2	SCALE 1:1	SIZE B
DRAWING NUMBER 9630-20-K19HM K19T		REVISION 03	