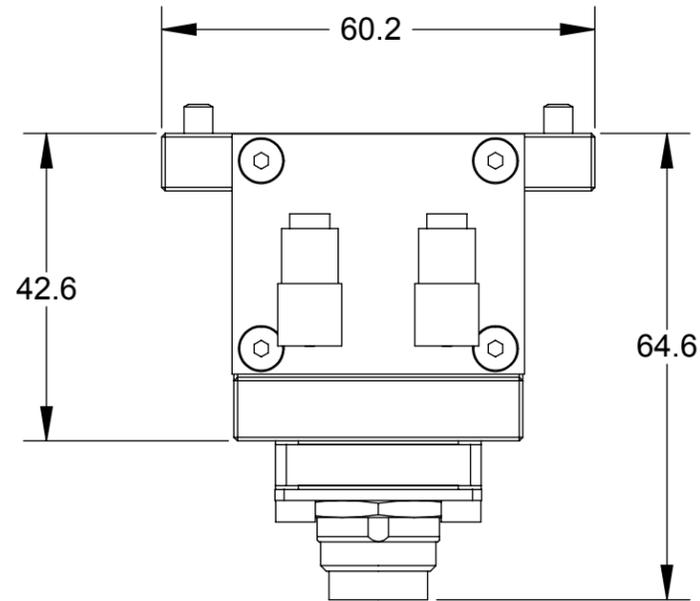


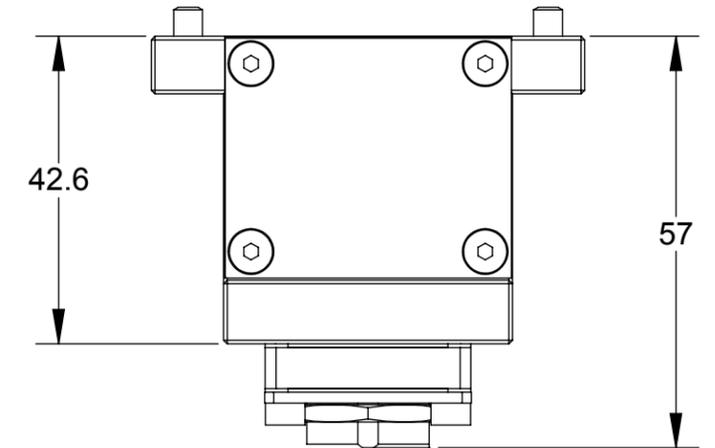
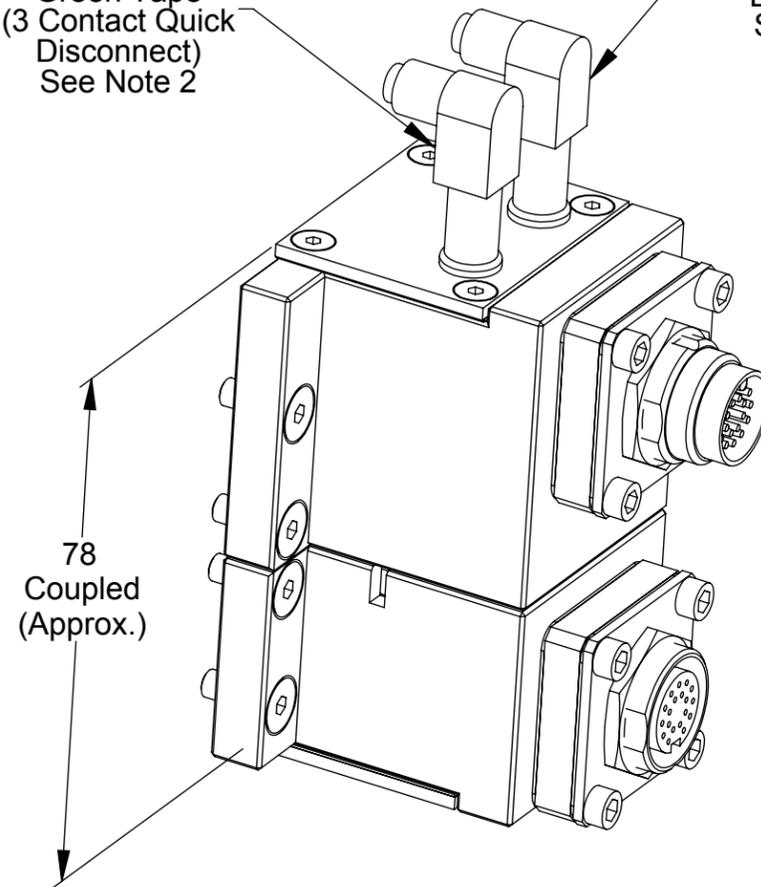
Rev.	Description	Initiator	Date
01	Initial Design	JEW	11/12/2007
02	Eco 8762; Changed overall dimension from 50.7 to 57 on RF19 Tool Side.	CF	8/19/2011



RF19R Master Module  
(9120-RF19R-M)  
Lock/Unlock cables not shown for clarity

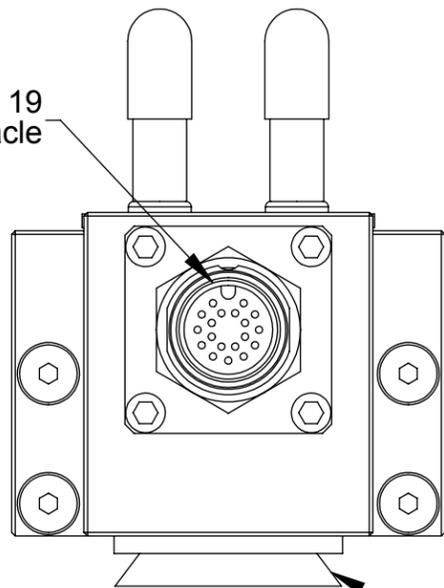
Lock Cable  
Indicated with  
Green Tape  
(3 Contact Quick  
Disconnect)  
See Note 2

Unlock Cable  
Indicated with  
Red Tape  
(3 Contact Quick  
Disconnect)  
See Note 2



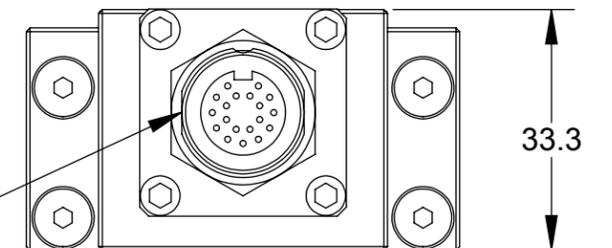
RF19 Tool Module  
(9120-RF19-T)

Turck BSFD 19  
Male Receptacle



Serviceable Part:  
(V-Ring)  
4010-0000030-01

Turck BKFD 19  
Female Receptacle



Notes:

- See sheet 2 for wiring and pin out.
- Actual cable length is 200mm.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.  
ALL DIMENSIONS ARE IN  
MILLIMETERS.



3rd ANGLE PROJECTION



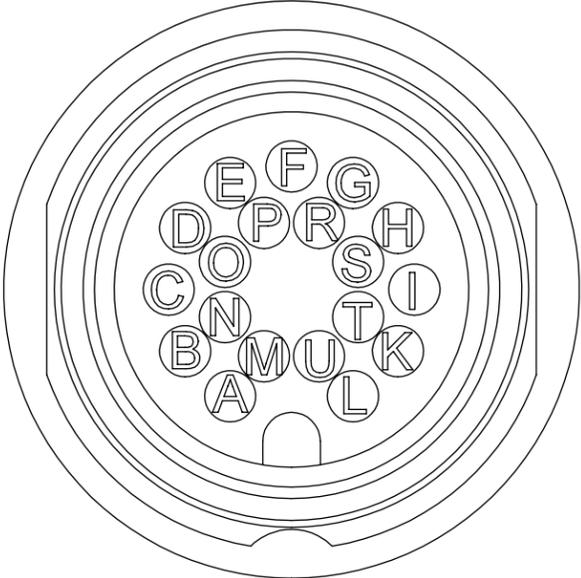
1031 Goodworth Drive, Apex, NC 27539, USA  
Tel: +1.919.772.0115 Email: info@ati-ia.com  
Fax: +1.919.772.8259 www.ati-ia.com  
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DRAWN BY: J. Williams, 11/12/07		TITLE	
CHECKED BY: D. Lawson, 11/13/07		RF19R Master with RF19 Tool Module Drawing	
PROJECT #	071101-1	SHEET	1 OF 2
SCALE	1:1	SIZE	B
DRAWING NUMBER	9630-20-RF19RM RF19T		REVISION
			02

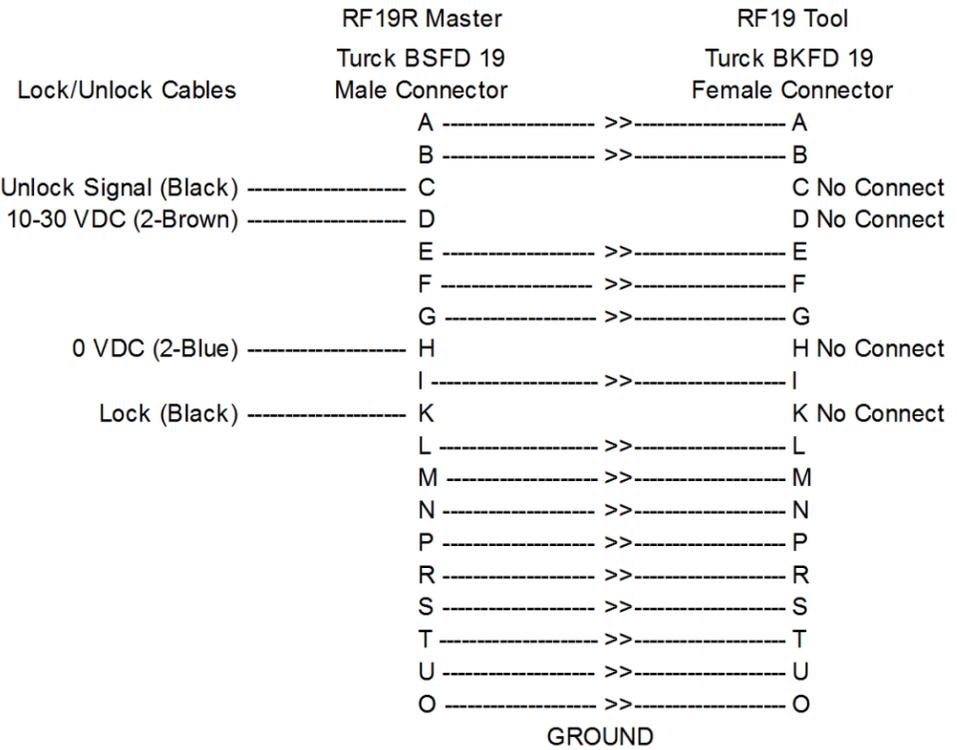
Rev.	Description	Initiator	Date
-	See Sheet1	-	-

**Master Side Connector**

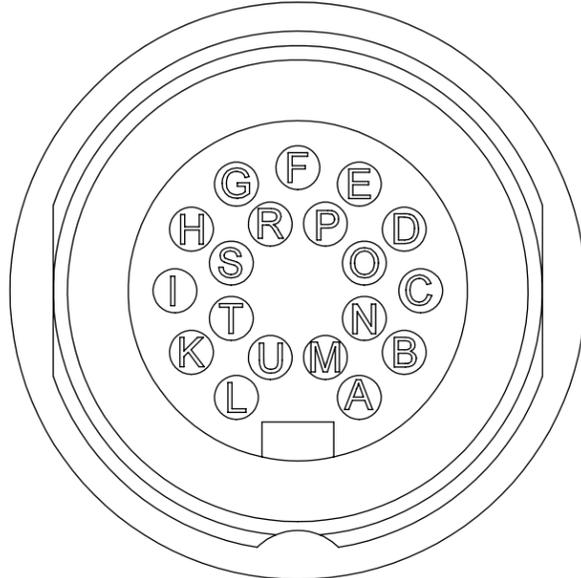


Turck BSFD 19 Male Receptacle  
Scale 4:1

**RF19R Master to RF19 Tool**



**Tool Side Connector**



Turck BKFD 19 Female Receptacle  
Scale 4:1

- Notes;**
- Pin "O" is first to mate last to break at the tool changer interface. This pin is recommended for use as a ground.
  - Customer must supply 10-30 VDC on Master Pin "D", 0VDC on Pin "H".
  - Lock/Unlock signals will be returned on master connector pin "K" & "C" respectively.
  - 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.

NOTES: UNLESS OTHERWISE SPECIFIED.

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DRAWN BY: J. Williams, 11/12/07  
CHECKED BY: D. Lawson, 11/13/07

TITLE  
RF19R Master with RF19 Tool Module Drawing

PROJECT # 071101-1 SHEET 2 OF 2	SCALE 1:1	SIZE B	DRAWING NUMBER 9630-20-RF19RM RF19T	REVISION 02
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