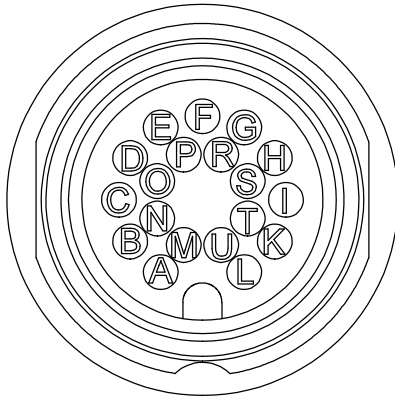


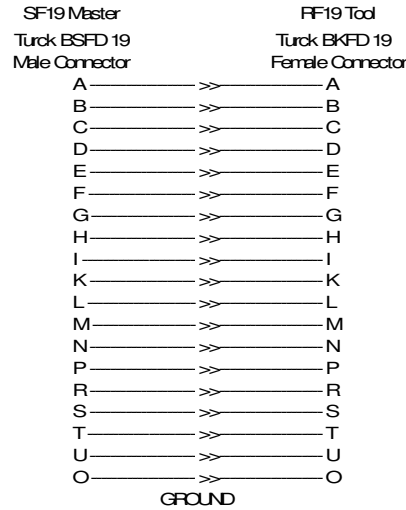
Rev.	Description	Initiator	Date
-	See Sheet1	-	-

### Master Side Connector

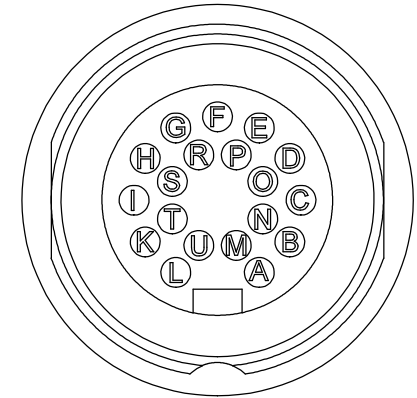


Turck BSFD 19  
Male Receptacle  
Scale 4:1

### SF19 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.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



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DRAWN BY: J. Williams, 11/26/07	TITLE			REVISION
CHECKED BY: D. Lawson, 11/26/07	SF19 Master with RF19 Tool Module Drawing			02
PROJECT # 071101-1 SHEET 2 OF 2	SCALE 1:1	SIZE B	DRAWING NUMBER 9630-20-SF19M RF19T	