

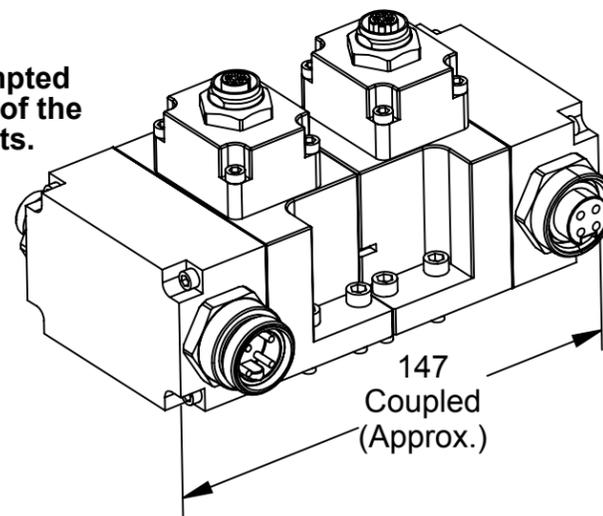
"DANGER!" - Electrical Shock Hazard

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
01P	Initial Design.	AAT	04/19/2016
02	Production Release.	AAT	07/07/2016

9120-TME-M Master Module

9120-TME-T Tool Module



4-Pin Male MiniFast
Aux Power Connector
Turck RSF 40-0.3M/M20
**Connector Orientation
Not Guaranteed**

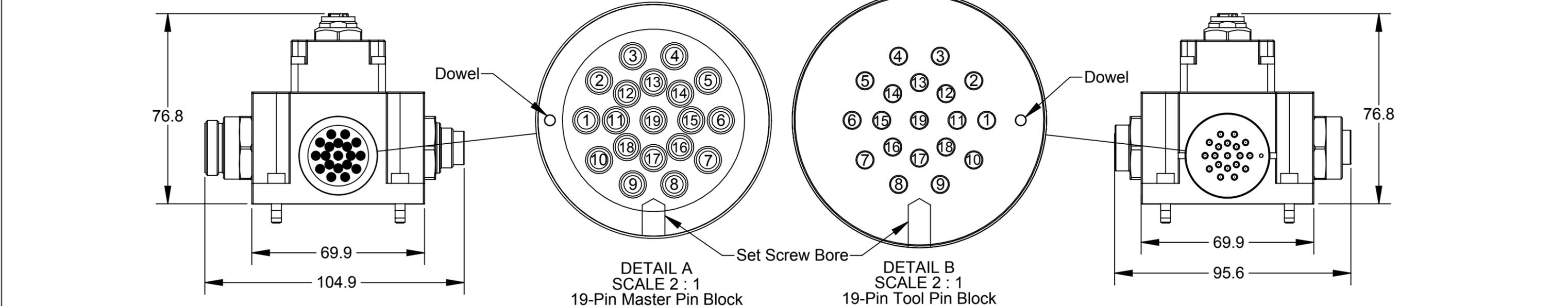
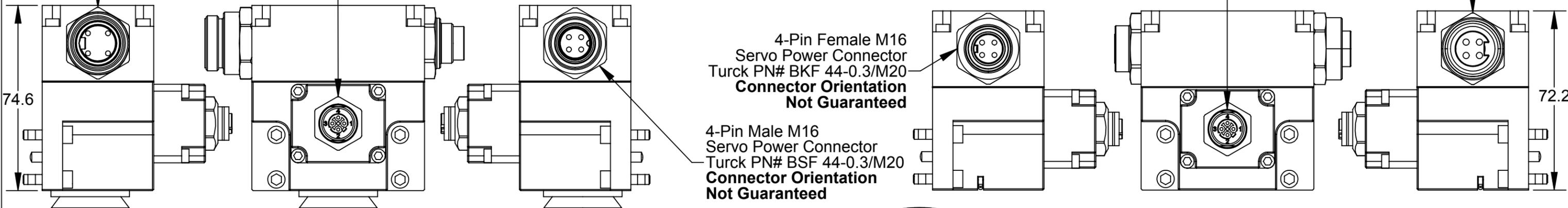
4-Pin Female D-Coded M12
Ethernet Connector
Turck PN# FKFDD 4413
Note Connector
Orientation

4-Pin Female D-Coded M12
Ethernet Connector
Turck PN# FKFDD 4413
**Note Connector
Orientation**

4-Pin Female MiniFast
Aux Power Connector
Turck PN# RKF 40-0.3M/M20
**Connector Orientation
Not Guaranteed**

4-Pin Female M16
Servo Power Connector
Turck PN# BKF 44-0.3/M20
**Connector Orientation
Not Guaranteed**

4-Pin Male M16
Servo Power Connector
Turck PN# BSF 44-0.3/M20
**Connector Orientation
Not Guaranteed**



Notes:

- See Sheet 2 for connector information for TME Master.
- See Sheet 3 for connector information for TME Tool.
- See Sheet 4 for TME Electrical Schematic.
- Ethernet Circuit is rated to 2A/150V.
- Aux Power Circuit is rated to 6A/250V.
- Servo Power Circuit is rated to 6A/250V.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



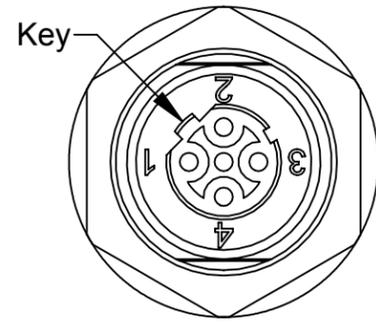
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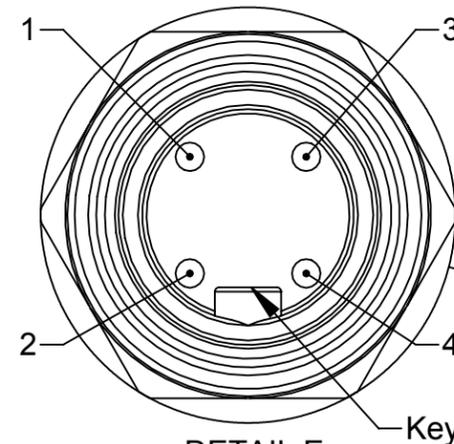
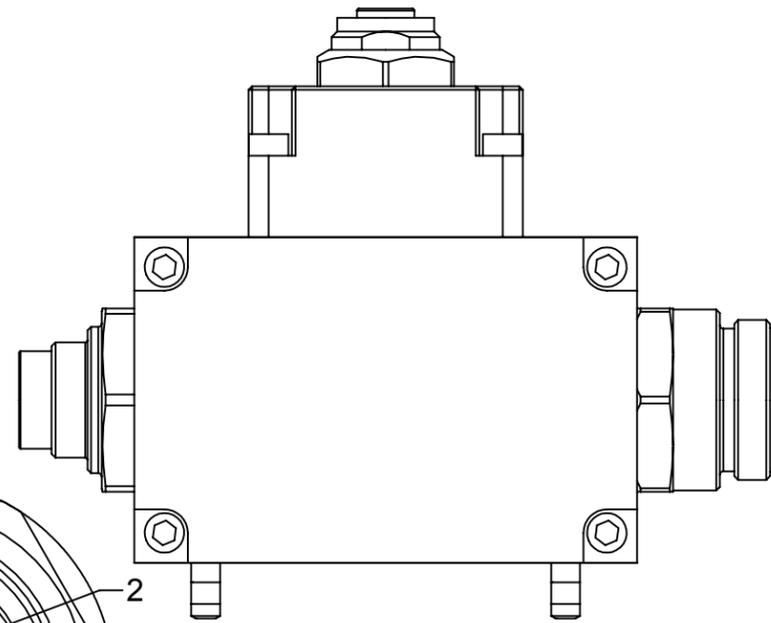
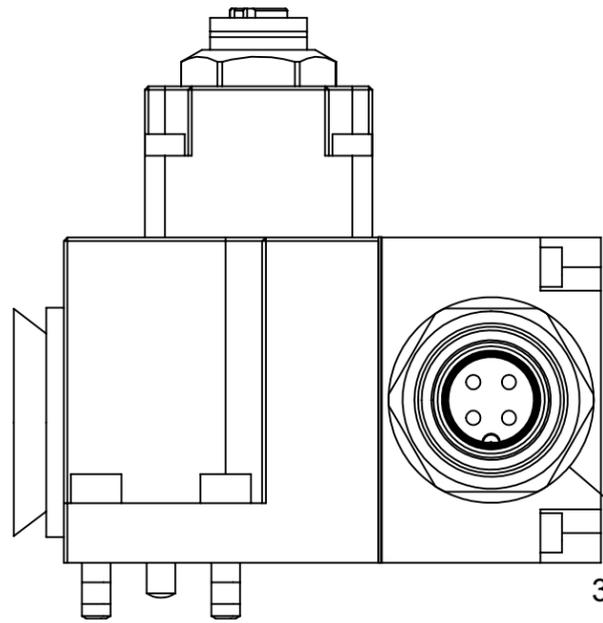
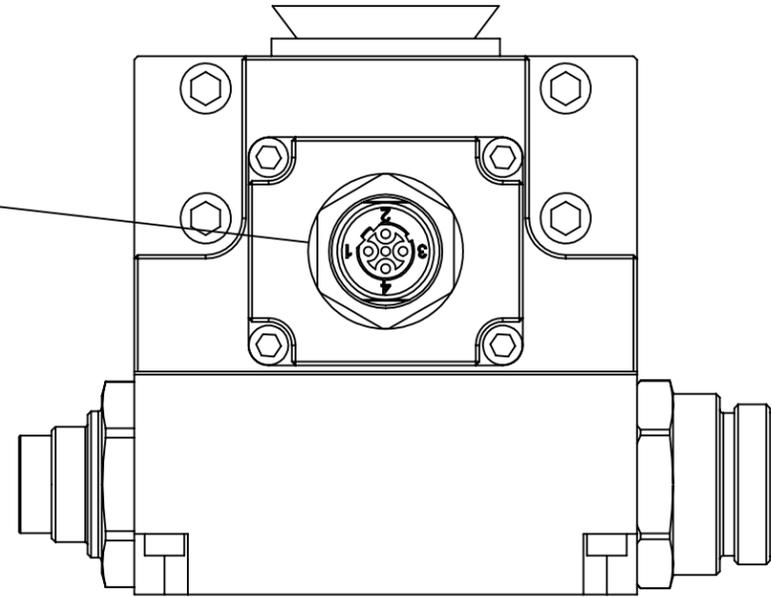
DRAWN BY: A. Takla, 03/31/16		TITLE	
CHECKED BY: W. Berrocal, 04/15/16 L. Jamshidi, 04/15/16		TME Module Customer Drawing	
PROJECT # 160331-1	SHEET 1 OF 4	SCALE 1:2	SIZE B
		DRAWING NUMBER 9630-20-TME	REVISION 02

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

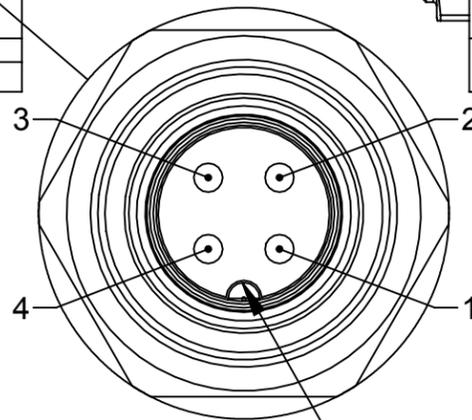
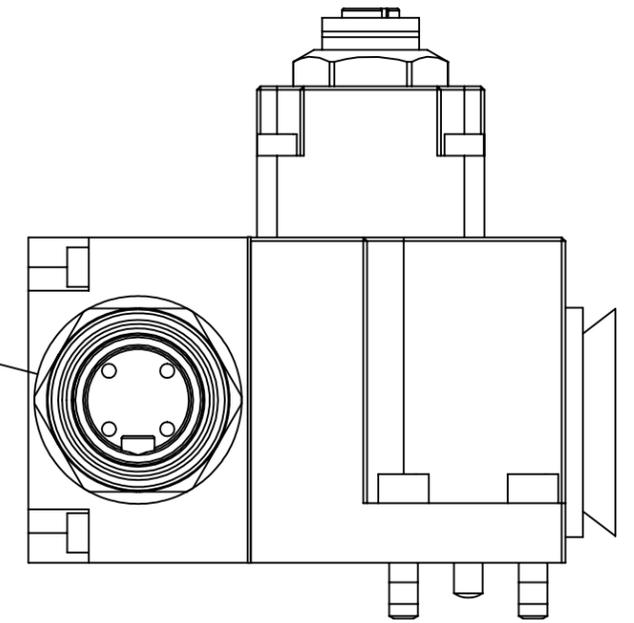
**9120-TME-M
Master Module**



DETAIL C
SCALE 2 : 1
4-Pin Female D-Coded M12 Connector
Turck PN# FKFDD 4413
Note Connector Orientation



DETAIL E
SCALE 2 : 1
4-Pin Male MiniFast Aux Power Connector
Turck RSF 40-0.3M/M20
Connector Orientation Not Guaranteed



DETAIL D
SCALE 2 : 1
4-Pin Male M16 Servo Power Connector
Turck PN# BSF 44-0.3/M20
Connector Orientation Not Guaranteed

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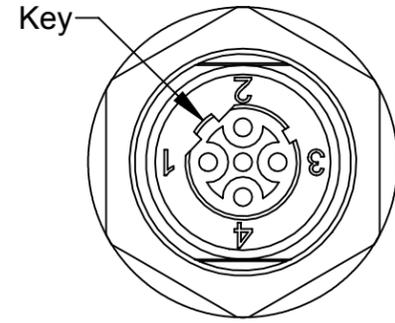
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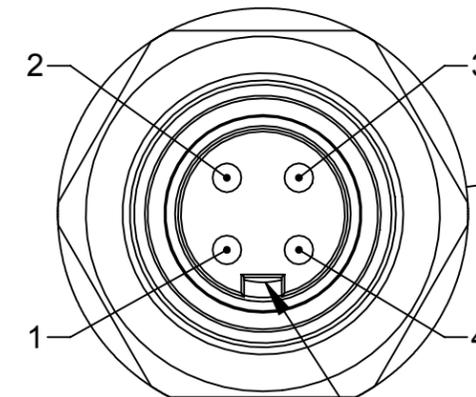
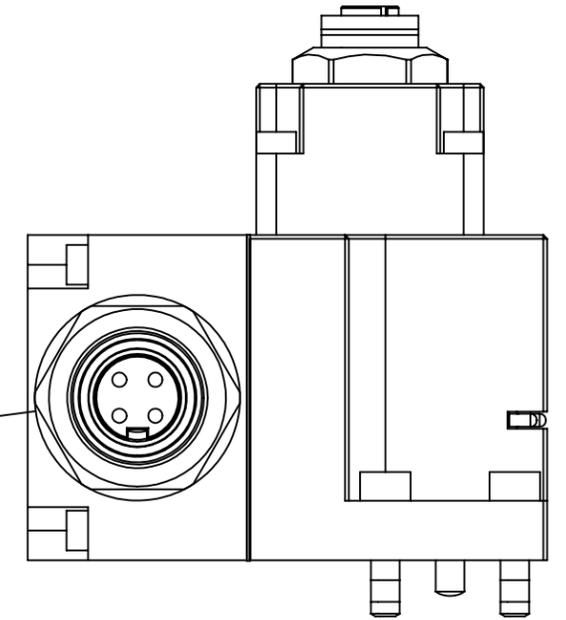
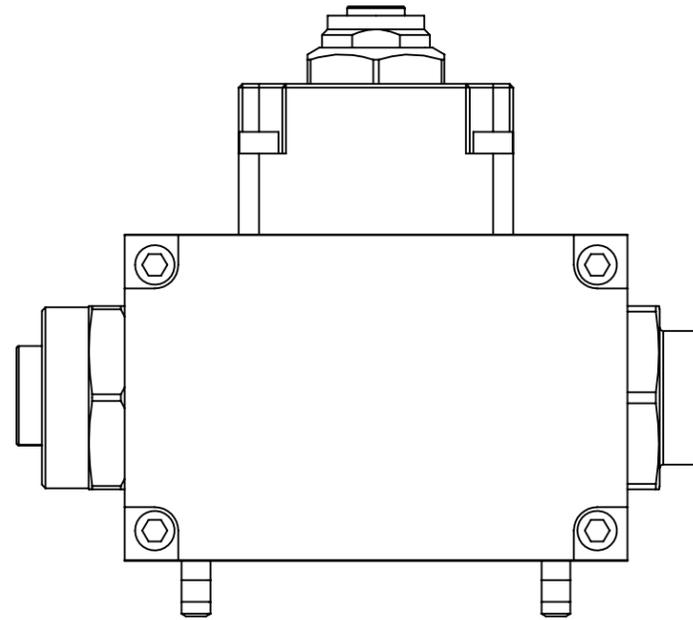
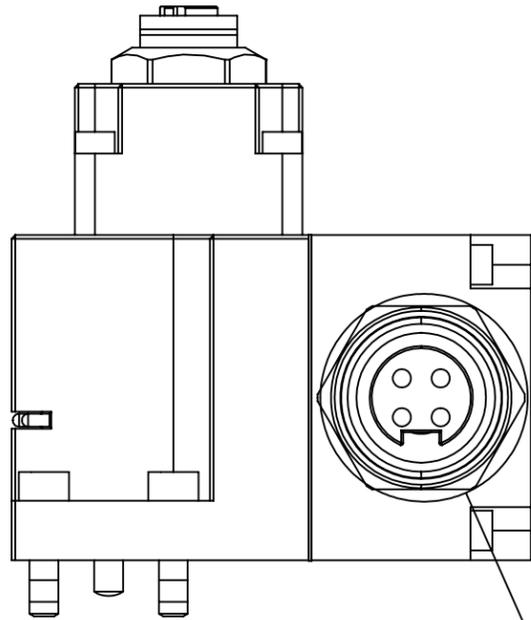
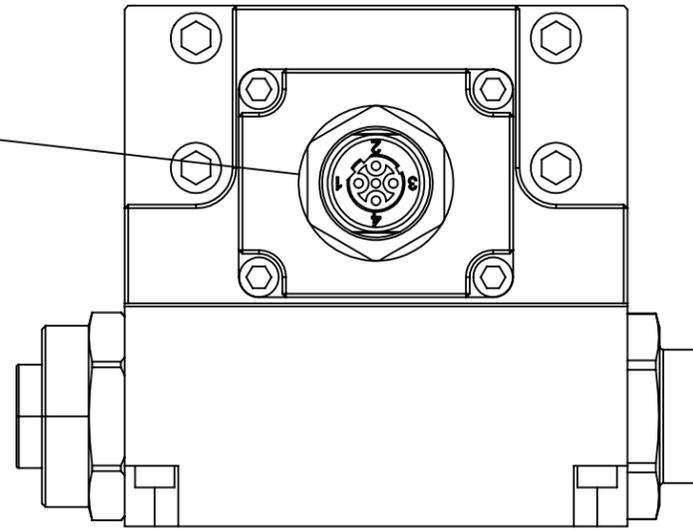
DRAWN BY: A. Takla, 03/31/16		TITLE	
CHECKED BY: W. Berrocal, 04/15/16 L. Jamshidi, 04/15/16		TME Module Customer Drawing	
PROJECT # 160331-1	SHEET 2 OF 4	SCALE 1:2	SIZE B
		DRAWING NUMBER 9630-20-TME	REVISION 02

**9120-TME-T
Tool Module**

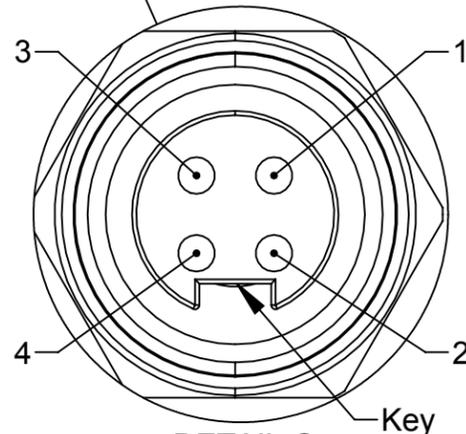
Rev.	Description	Initiator	Date
-	See Sheet1	-	-



DETAIL F
SCALE 2 : 1
4-Pin Female D-Coded M12 Connector
Turck PN# FKFDD 4413
Note Connector Orientation



DETAIL H
SCALE 2 : 1
4-Pin Female M16 Servo Power Connector
Turck PN# BKF 44-0.3/M20
Connector Orientation Not Guaranteed



DETAIL G
SCALE 2 : 1
4-Pin Female MiniFast Aux Power Connector
Turck PN# RKF 40-0.3M/M20
Connector Orientation Not Guaranteed

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PROJECT # 160331-1 SHEET 3 OF 4	SCALE 1:2	SIZE B	DRAWING NUMBER 9630-20-TME
			REVISION 02

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

9120-TME-M

9120-TME-T

Ethernet Connector
M12 Female, 4-Pin D-Coded
Turck FKFD 4413

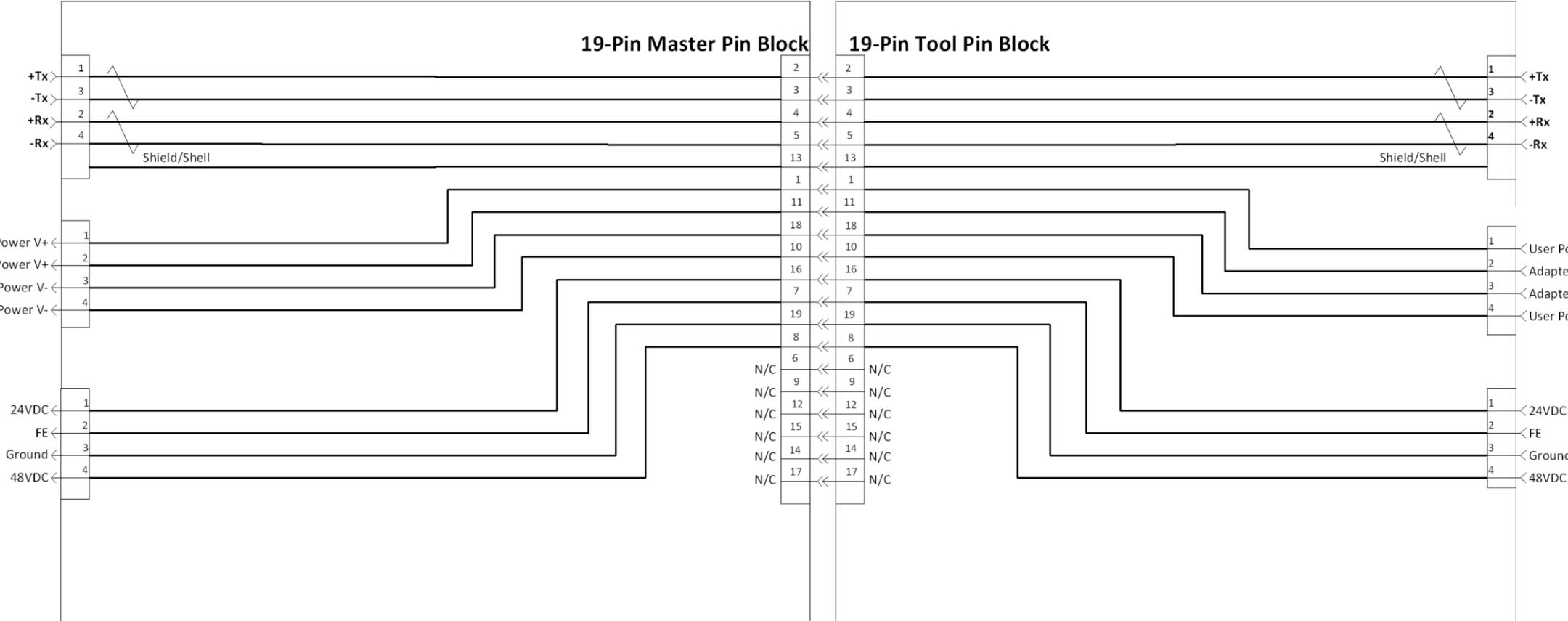
Aux Power Connector
Minifast Male, 4-Pin
Turck RSF 40-0.3M/M20

Servo Power Connector
M16 Male, 4-Pin
Turck BSF 40-0.3/20M

Ethernet Connector
M12 Female, 4-Pin D-Coded
Turck FKFD 4413

Aux Power Connector
Minifast Female, 4-Pin
Turck RKF 40-0.3M/20M

Servo Power Connector
M16 Female, 4-Pin
Turck BKF 40-0.3/20M



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PROJECT #	160331-1	SHEET	4 OF 4
SCALE	1:2	SIZE	B
DRAWING NUMBER	9630-20-TME		REVISION
			02