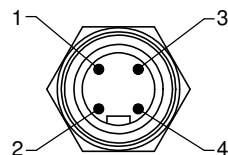
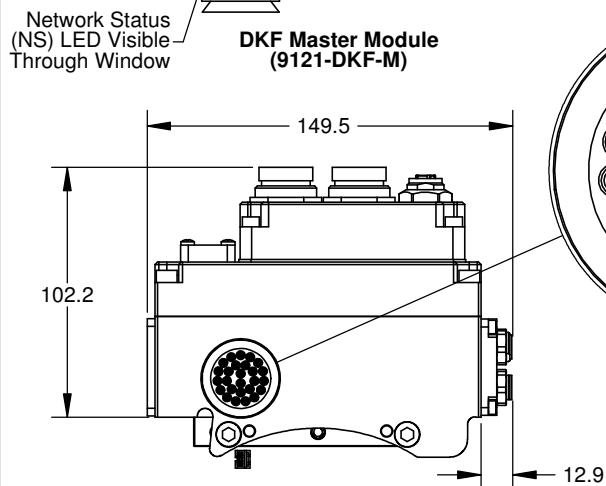
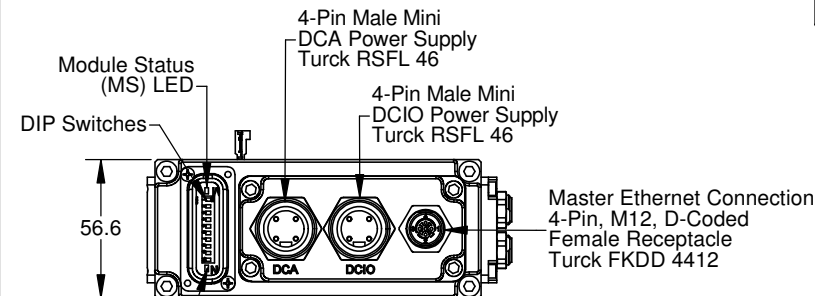


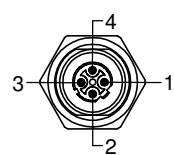
Notes:

1. Reference the manual for information related to DIP switch settings, LED behavior and general product operation.
2. Connectors are oriented as shown unless otherwise specified.
3. Unless otherwise noted, connectors at 1:1 scale, pin blocks at 2:1 scale.
4. Serviceable Parts are listed on Sheet 2. The electrical schematic is shown on Sheet 3.



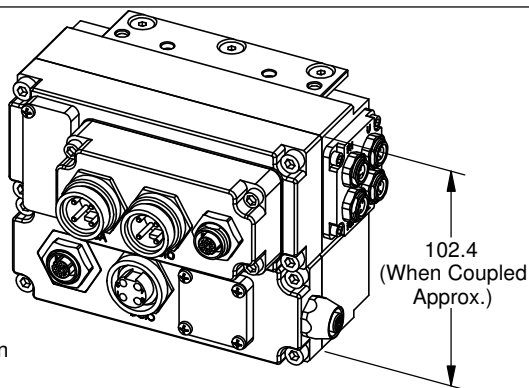
DCA and DCIO Power Mini (Master)
4-Pin Male, Turck RSFL 46

Pin	DCA Power Supply	DCIO Power Supply
1	N/C	Aux V+ (Switched)
2	DCA V+	Aux V+ (Unswitched)
3	DCA V-	Aux V- (Unswitched)
4	N/C	Aux V- (Switched)

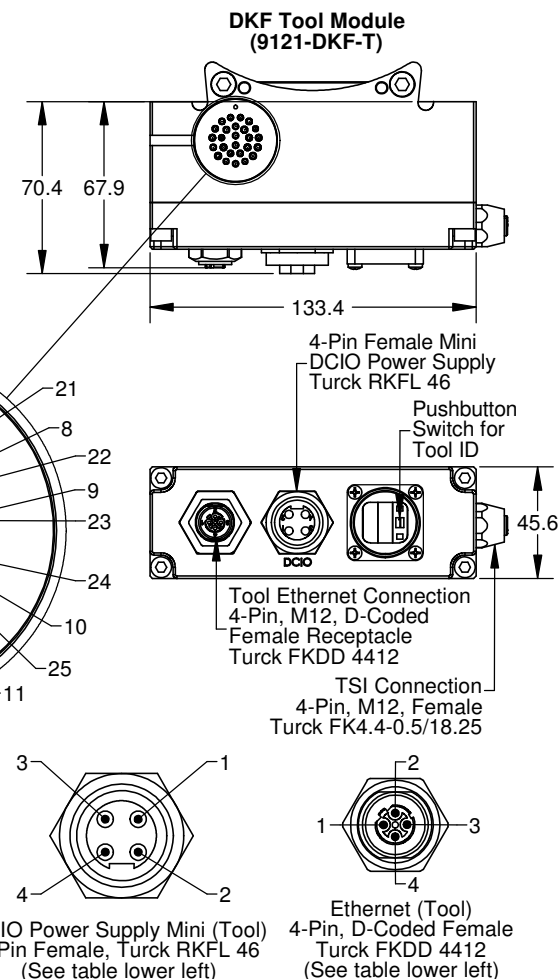
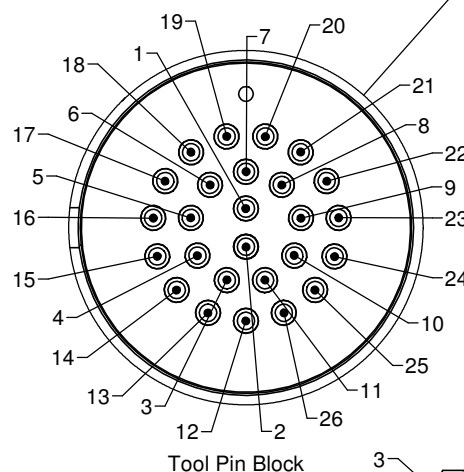


Ethernet (Master)
4-Pin, D-Coded Female
Turck FKDD 4412

Pin	Ethernet Connector
1	Tx+
2	Rx+
3	Tx-
4	Rx-

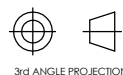


Pin	Description
1	Tool Presence In
2	N/C
3	Tx+
4	Aux V+ (Unswitched)
5	Tool Presence Out
6	N/C
7	N/C
8	Rx+
9	Rx-
10	Ethernet Shield
11	N/C
12	TSV
13	Tx-
14	Tool ID1
15	Tool ID2
16	Tool ID4
17	Tool ID8
18	Aux V+ (Switched)
19	TSRV
20	N/C
21	Aux V- (Unswitched)
22	TSI Out
23	DCA V-
24	TSI In
25	Aux V- (Switched)
26	N/C



Rev.	Description	Initiator	Date
01P	Initial Issue.	WB	5/18/11
02P	Removed DCA connector from Tool Module.	WB	6/3/2011
03P	Changed CAN V+ and CAN V- designations to DCA + and DCA -.	WB	6/14/2011
04P	Connector titles correctes.	TC	12/21/2011

NOTES: UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS.
ALL DIMENSIONS ARE IN MILLIMETERS.

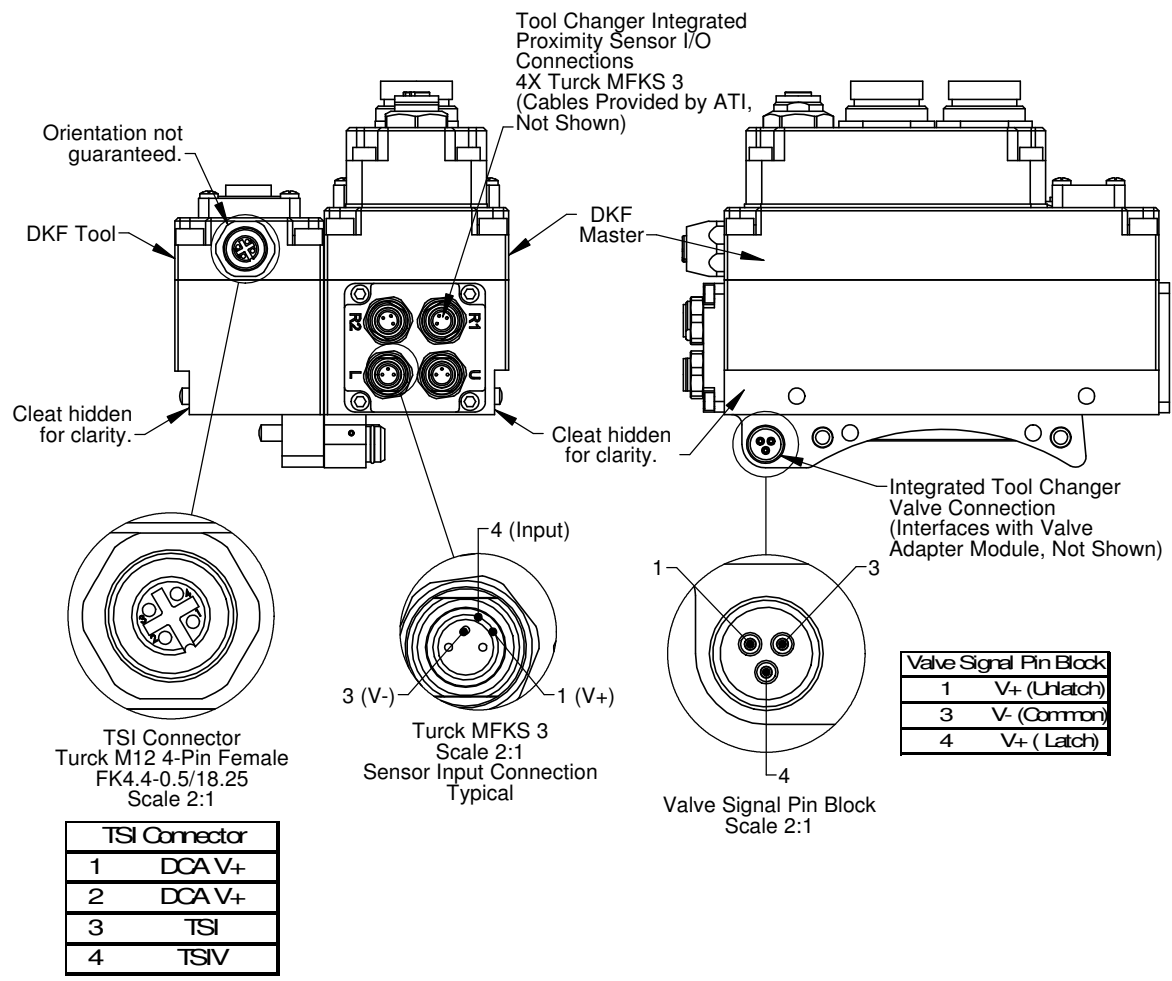
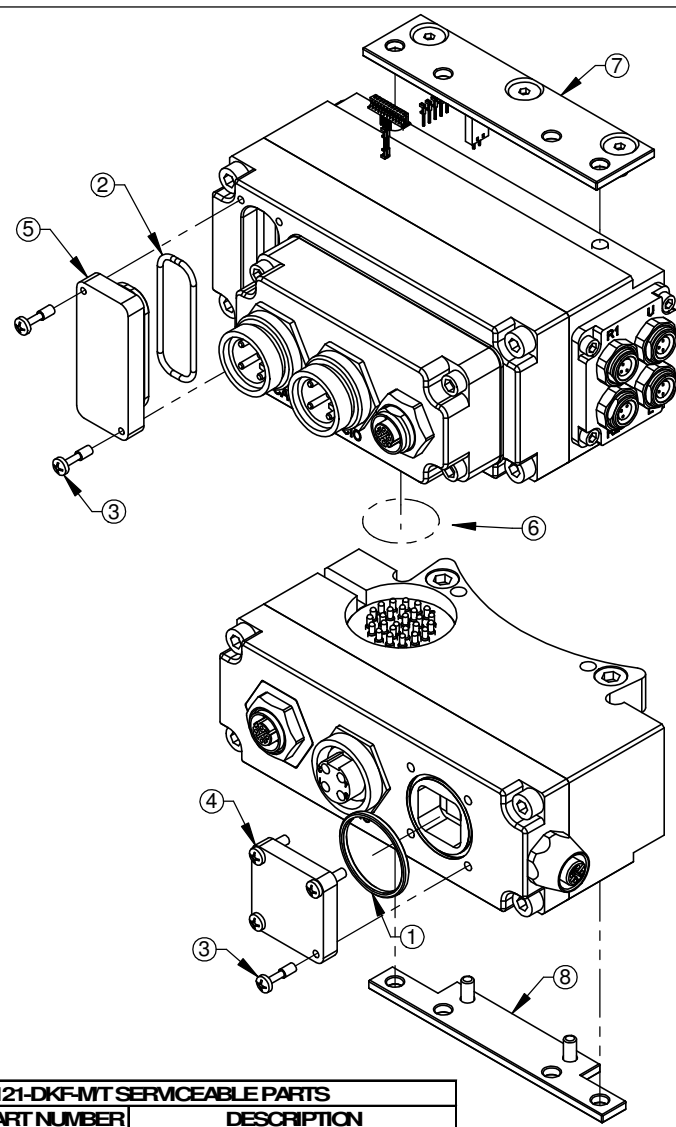


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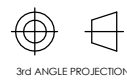
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CHECKED BY: A. Strotzer, 5/25/11	SCALE 1:2
WEIGHT LBS: 3.11	SIZE B
ASSEMBLY REF:	DRAWING NUMBER 9630-20-DKF
	REVISION 04
	PRODUCT RELEASE # 101014-6 DATE: SHEET 1 OF 3

Rev.	Description	Initiator	Date
-	See Sheet I	-	-



9121-DKF-MT SERVICEABLE PARTS			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3410-0001008-01	O-ring AS568A-018
2	1	3410-0001201-01	O-Ring AS568-024
3	6	3500-9957012-21	Pan Head M3 Captive Screw M3 X 12
4	1	3700-20-5844	Tool ID Window
5	1	3700-20-4820	Window, DJ Master, Annular Seal
6	1	4010-0000030-01	V-Ring Seal V-22A Nitrile
7	1	9005-20-1198	Master Cleat Sub-Assembly
8	1	9005-20-1199	Tool Cleat Sub-Assembly

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DRAWN BY: W. Berrocal, 5/18/11		TITLE: DKF Ethernet/Devicenet Module Customer Drawing	
CHECKED BY: A. Strotzer, 5/25/11		SCALE: 2:3	SIZE: B
WEIGHT LBS: 3.11		DRAWING NUMBER: 9630-20-DKF	
ASSEMBLY REF:		PRODUCT RELEASE # 101014-6	DATE: SHEET 2 OF 3

