

Rev.	Description	Initiator	Date
04	Production Release	PDL	6/5/2017

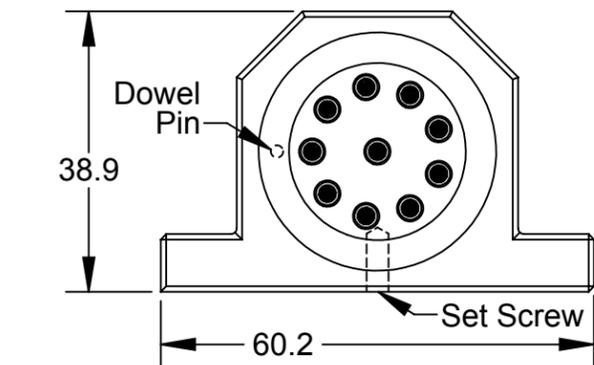
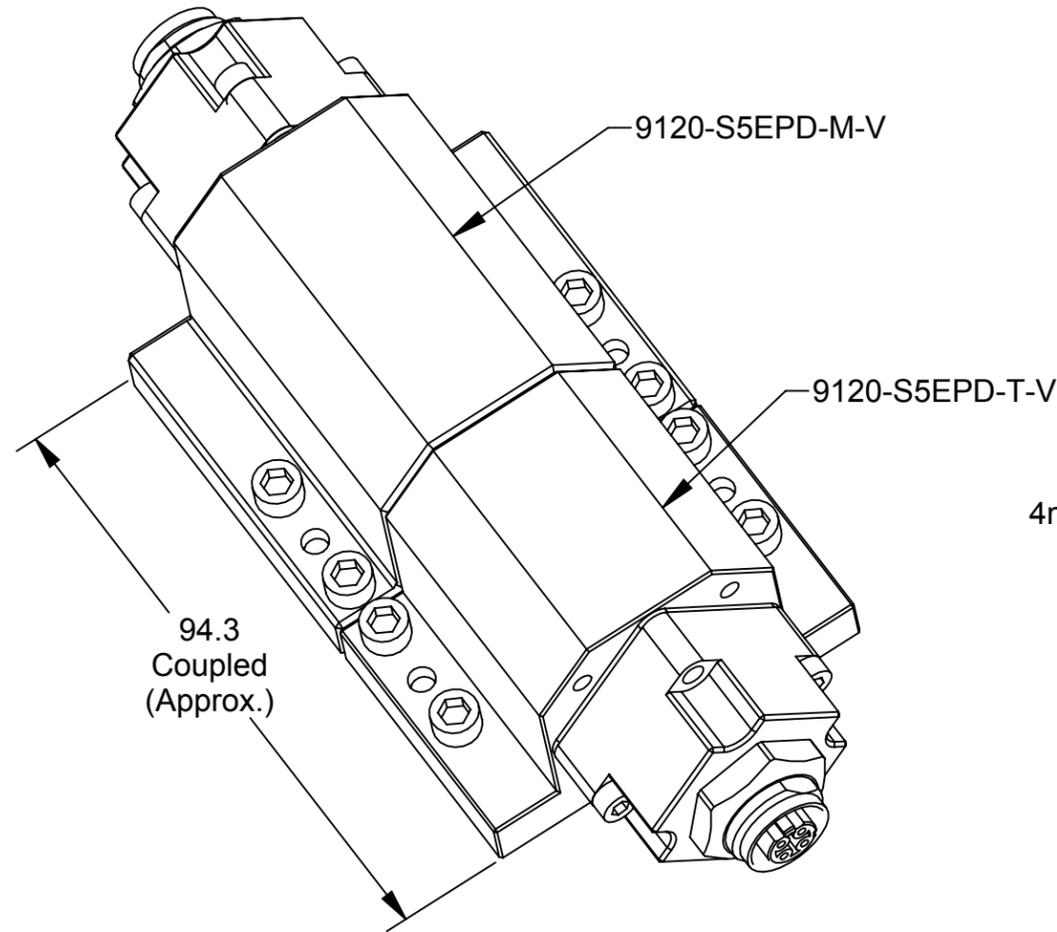
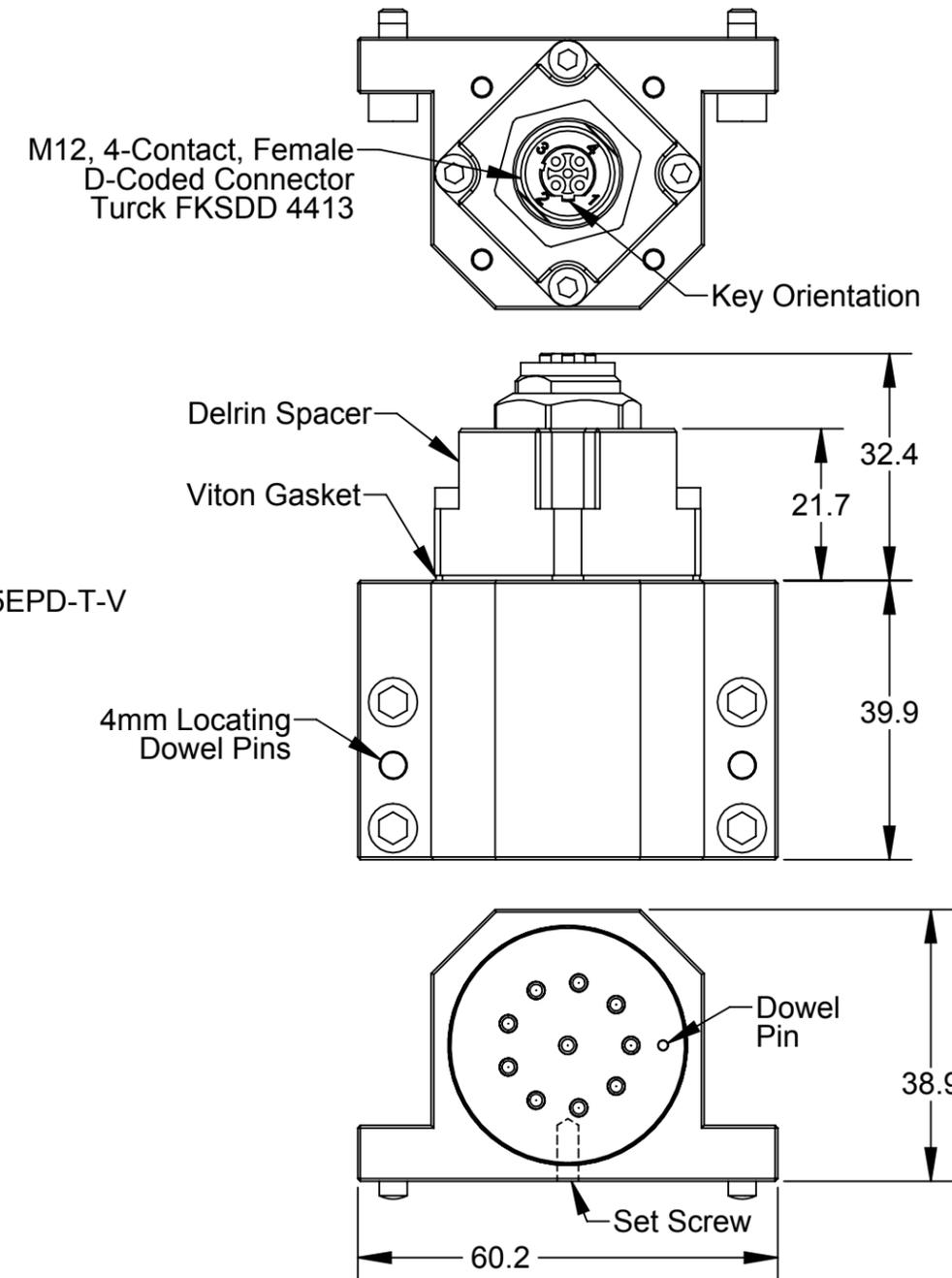
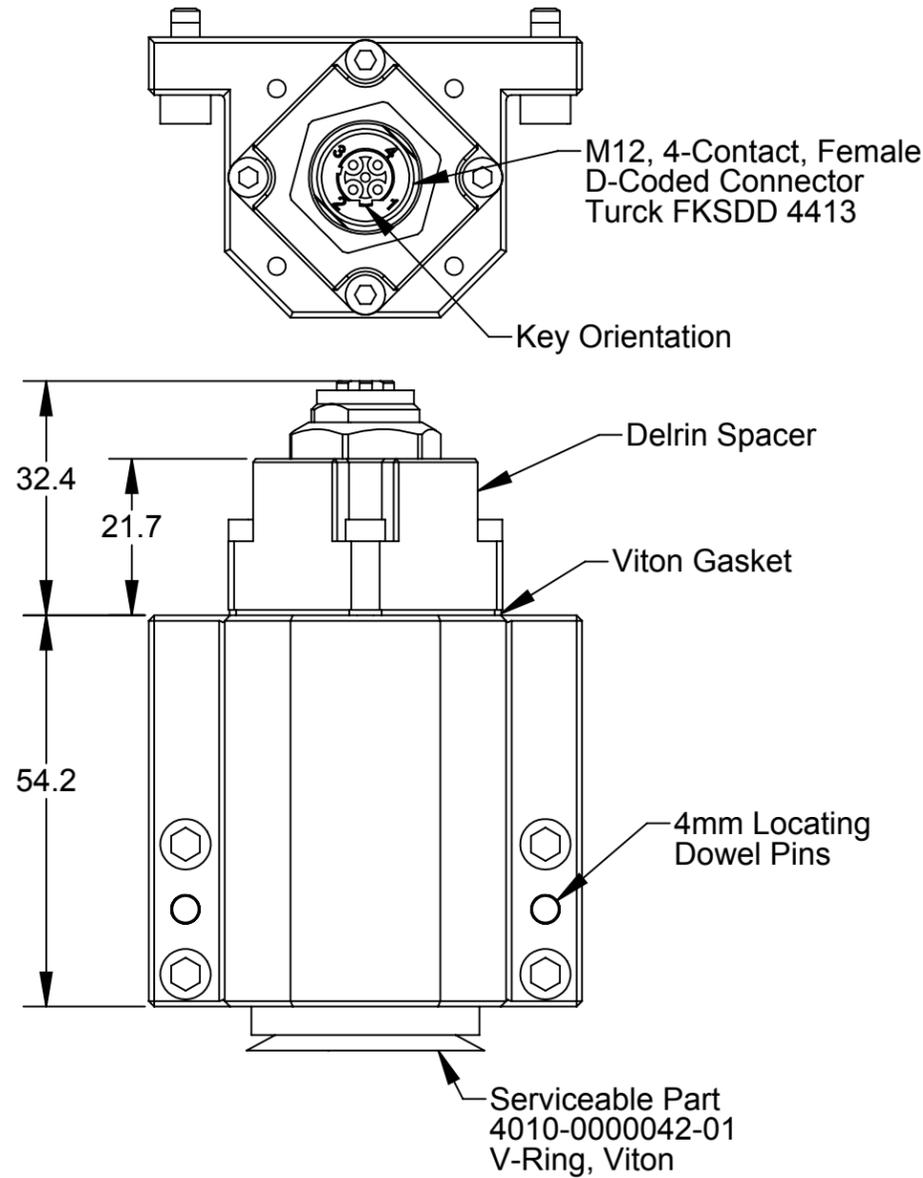
**9120-S5EPD-M-V**  
**Master Module**



**" 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."

**9120-S5EPD-T-V**  
**Tool Module**



**Notes:**

1. Module Rating: 2 AMPS / 60V.
2. Both Master and Tool modules are potted with 3M DP-270 and use Viton seals.
3. See Sheet 2 for Customer Interface information.
4. See Sheet 3 for module wiring schematic.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



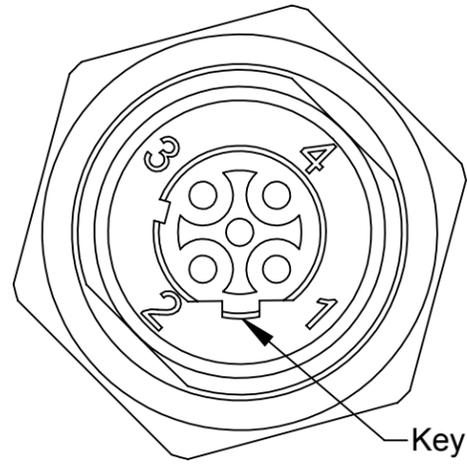
1031 Goodworth Drive, Apex, NC 27539, USA  
Tel: +1.919.772.0115 Email: info@ati-ia.com  
Fax: +1.919.772.8259 www.ati-ia.com  
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DRAWN BY: P.Luczka, 9/28/16		TITLE	
CHECKED BY: W.Berrocal, 10/4/16 L. Jamshidi, 10/11/16		S5EPD Ethernet Customer Drawing	
PROJECT # 160920-1	SHEET 1 OF 3	SCALE 1:2	SIZE B
		DRAWING NUMBER 9630-20-S5EPD-V	REVISION 04

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

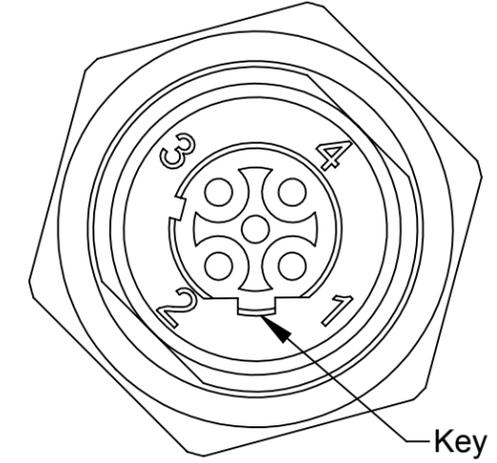
**9120-S5EPD-M-V**  
**Master Module**



M12, 4-Contact, Female  
D-Coded Connector

Key

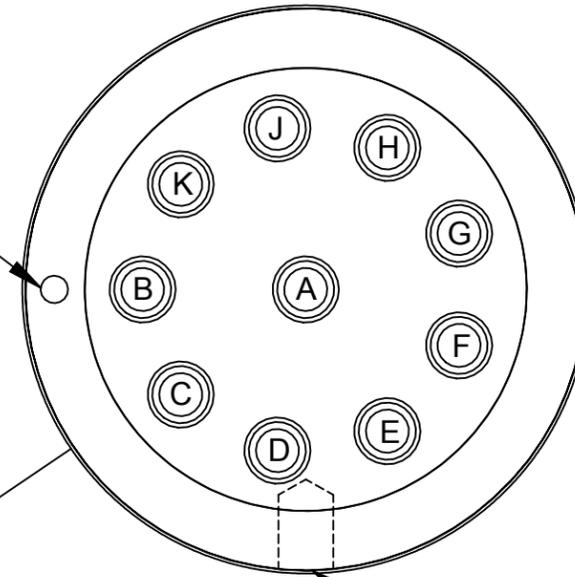
**9120-S5EPD-T-V**  
**Tool Module**



M12, 4-Contact, Female  
D-Coded Connector

Key

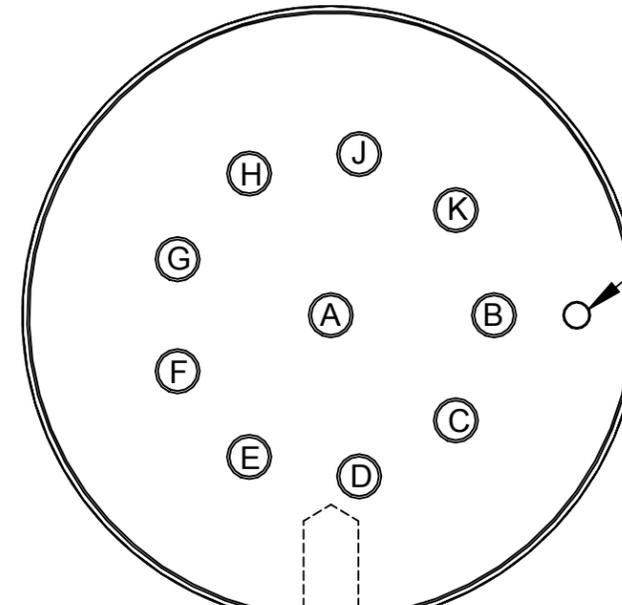
Dowel Hole



DETAIL A  
SCALE 2.5 : 1  
10-Pin Block

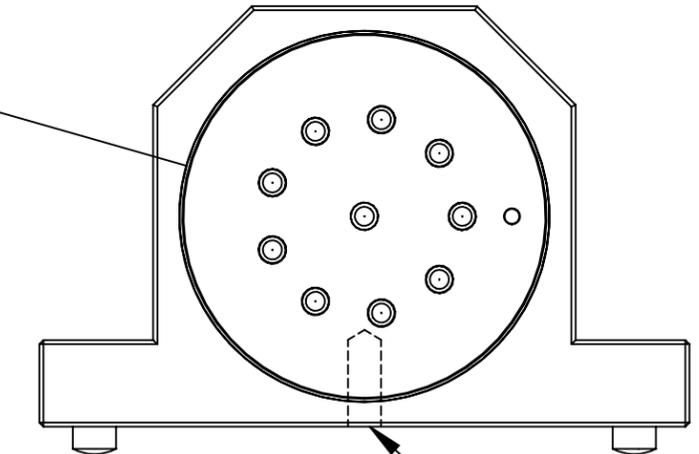
Set Screw

Dowel Hole



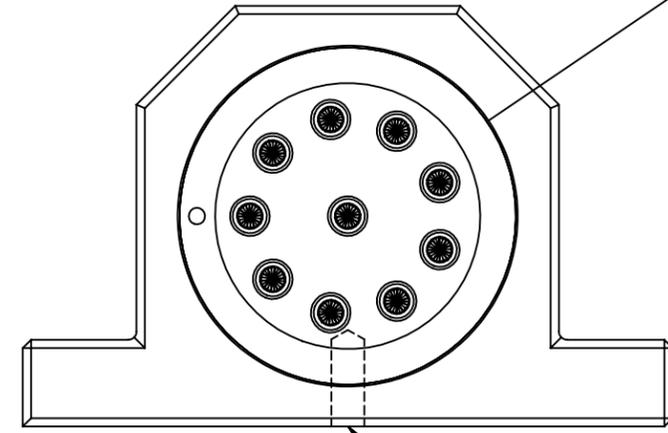
DETAIL B  
SCALE 2.5 : 1  
10-Pin Block

Set Screw



Set Screw

Set Screw



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MILLIMETERS.

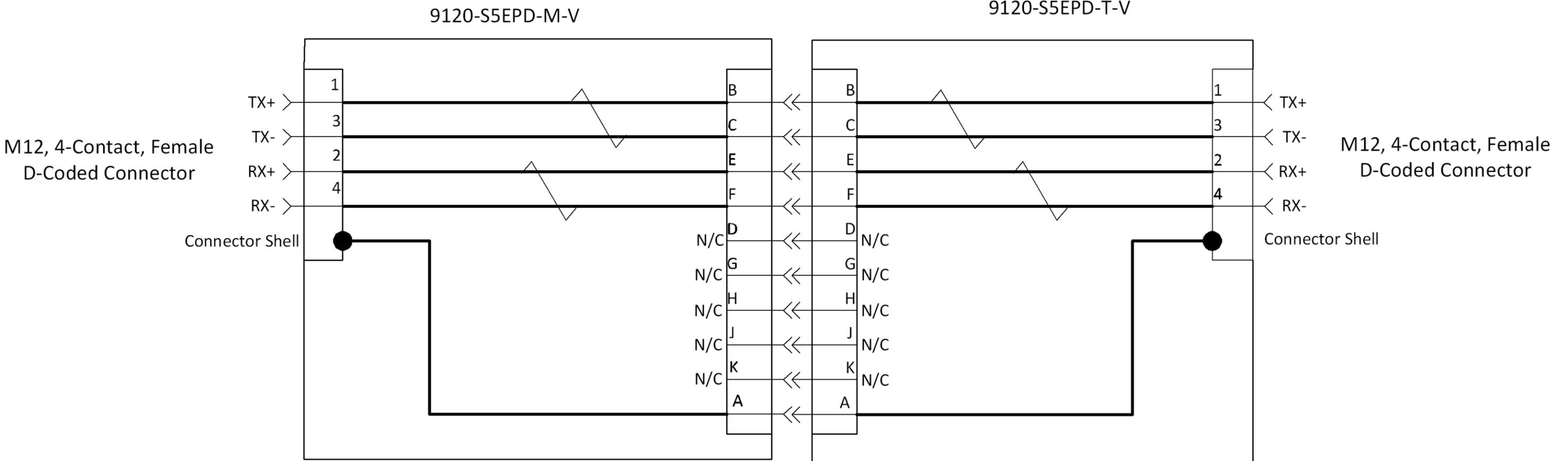


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DRAWN BY: P.Luczka, 9/28/16		TITLE	
CHECKED BY: W.Berrocal, 10/4/16 L. Jamshidi, 10/11/16		S5EPD Ethernet Customer Drawing	
PROJECT # 160920-1 SHEET 2 OF 3	SCALE 2:1	SIZE B	DRAWING NUMBER 9630-20-S5EPD-V
			REVISION 04

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-	See Sheet1	-	-



**Notes:**

1. Pin A on ATI pin block is "First To Mate" and "Last to Break" contact.

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3rd ANGLE PROJECTION



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PROJECT # 160920-1 SHEET 3 OF 3	SCALE 1:2	SIZE B	DRAWING NUMBER 9630-20-S5EPD-V
			REVISION 04