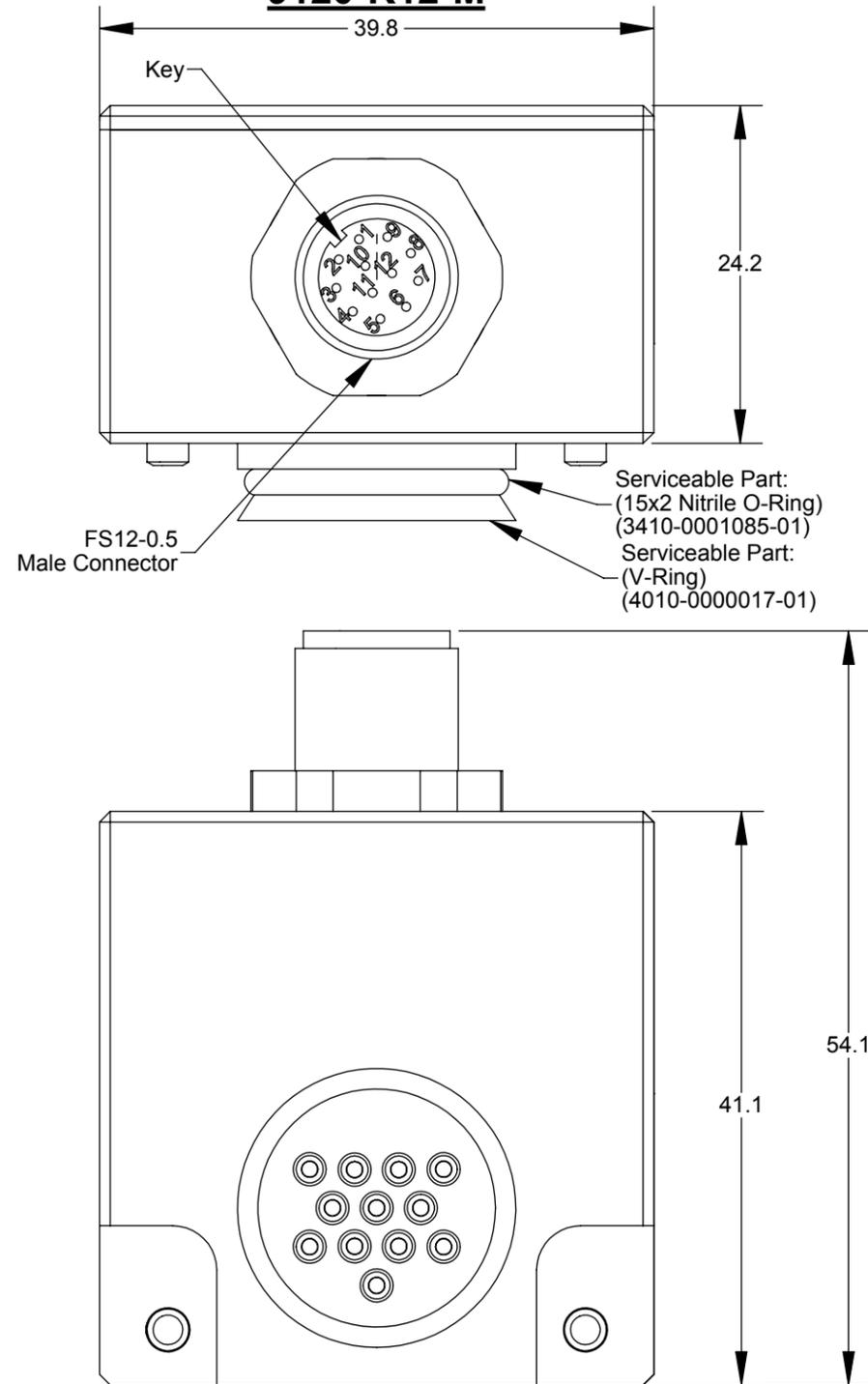


"DANGER!" - Electrical Shock Hazard

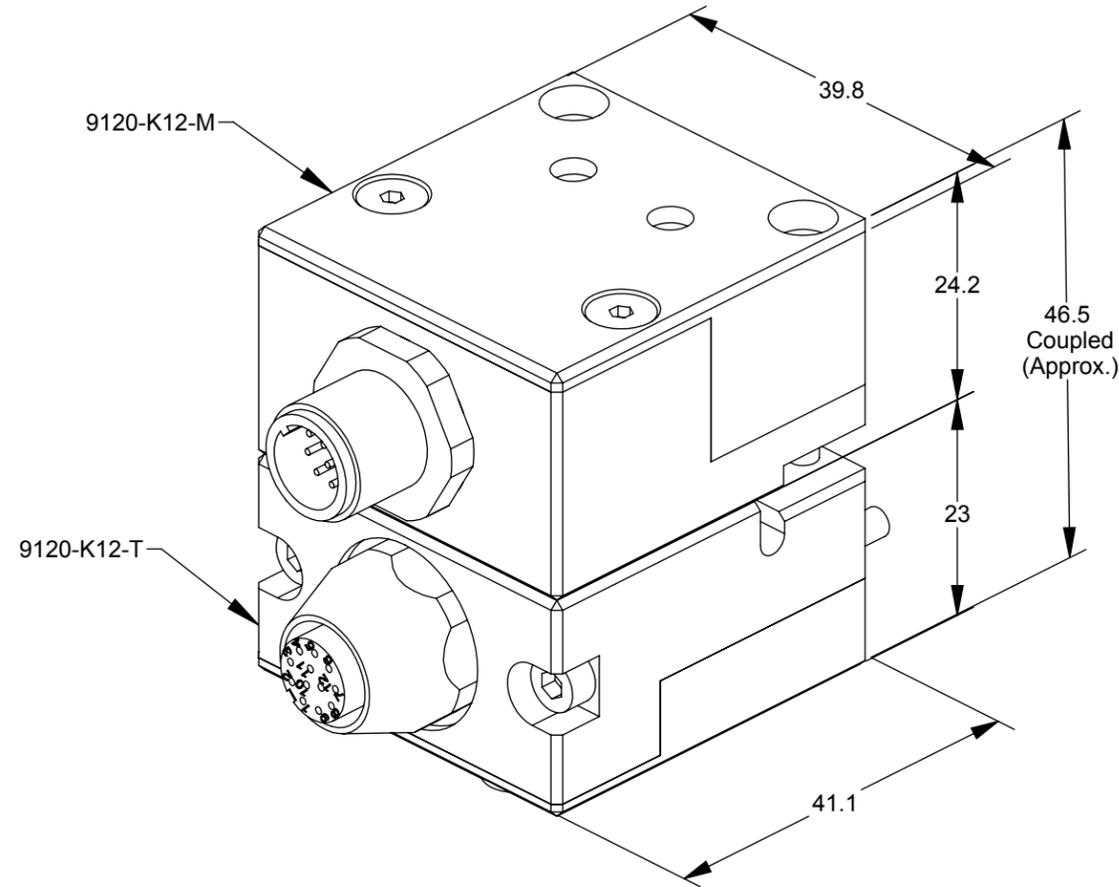
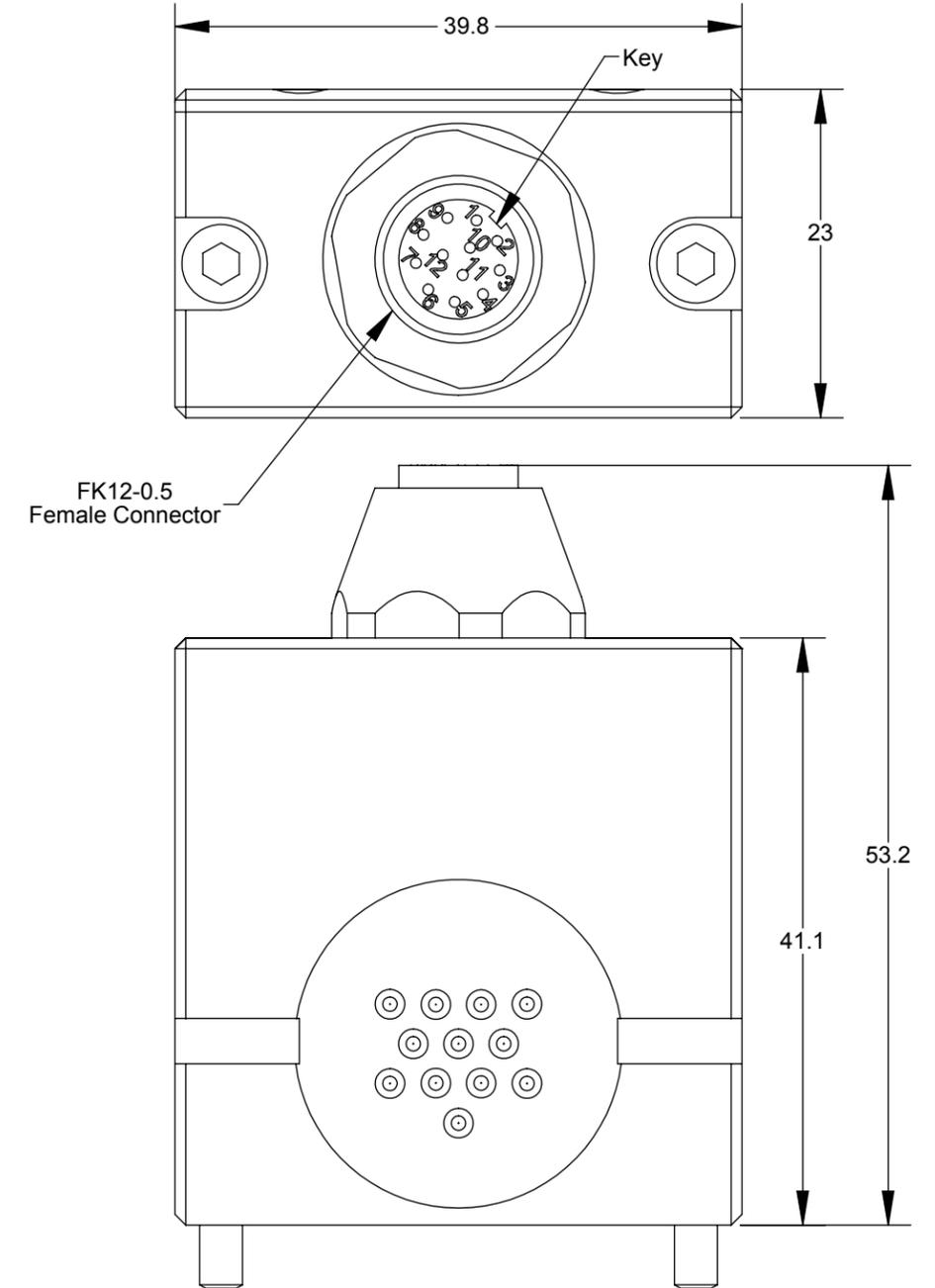
This module has a Voltage of 50V or greater, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

REV.	DESCRIPTION	INITIATOR	DATE
05	Eco 18650; Updated to Current Drawing Standard. Added Sheets 2 & 3. Updated Electrical Schematic to show Master/Tool Pin Block interface and Pin Labeling.	CF	1/6/2020

9120-K12-M

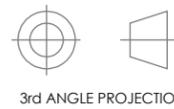


9120-K12-T



NOTES: UNLESS OTHERWISE SPECIFIED.

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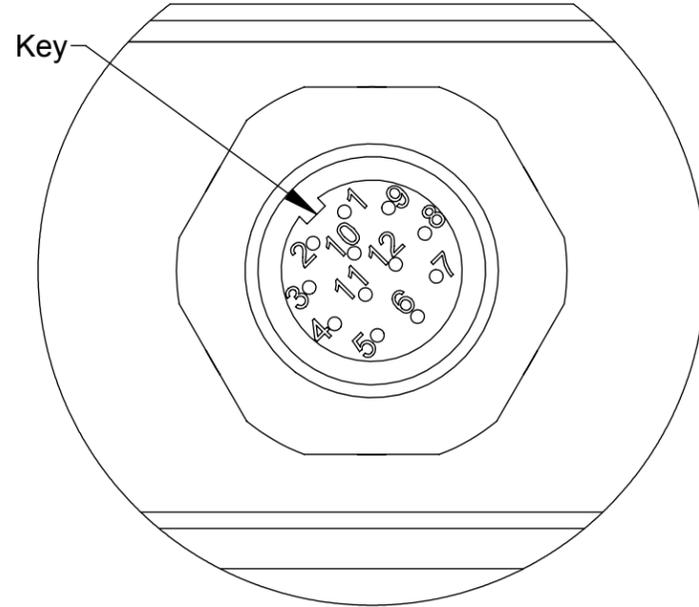
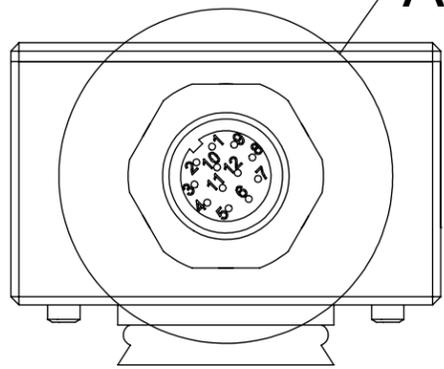


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 Tel: +1.919.772.0115 www.ati-ia.com
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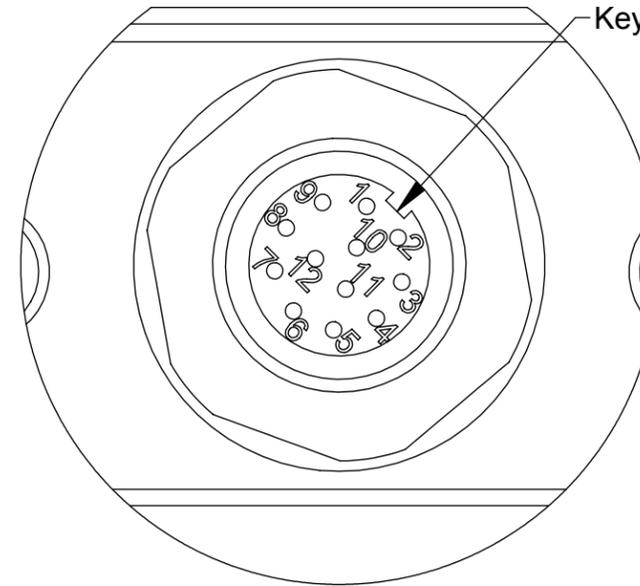
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DRAWN BY: J.Snape, 9/27/05		TITLE	
CHECKED BY: DKL, 9/27/05		K12 Module Drawing	
PROJECT # 050607-1	SHEET 1 OF 3	SCALE 3:2	SIZE B
		DRAWING NUMBER	REVISION
		9630-20-K12	05

9120-K12-M

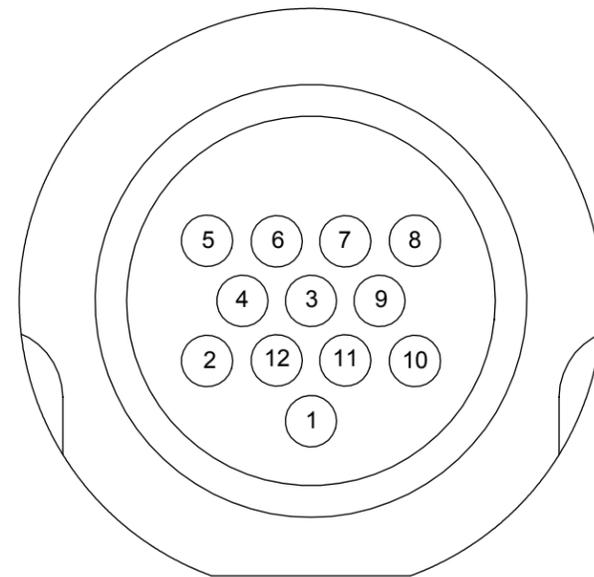
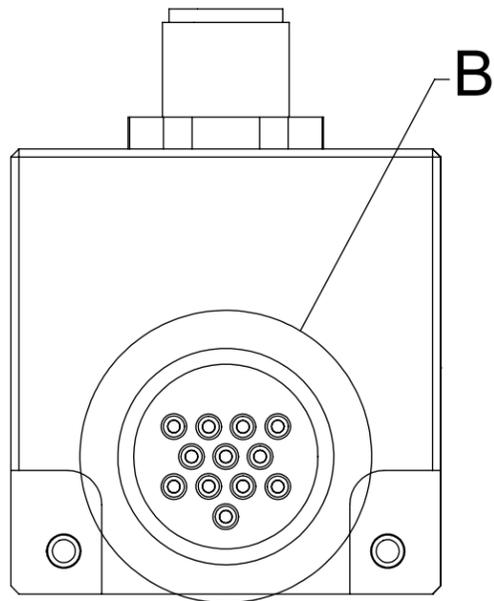
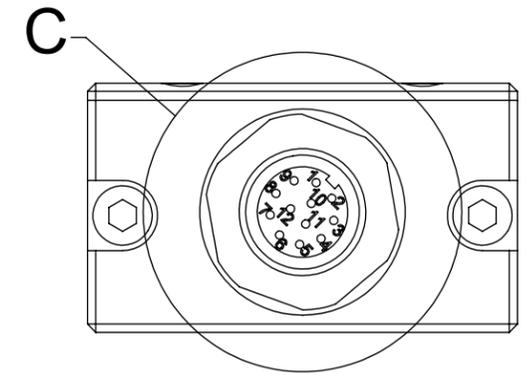


12-Pin Male Connector
DETAIL A
SCALE 3 : 1

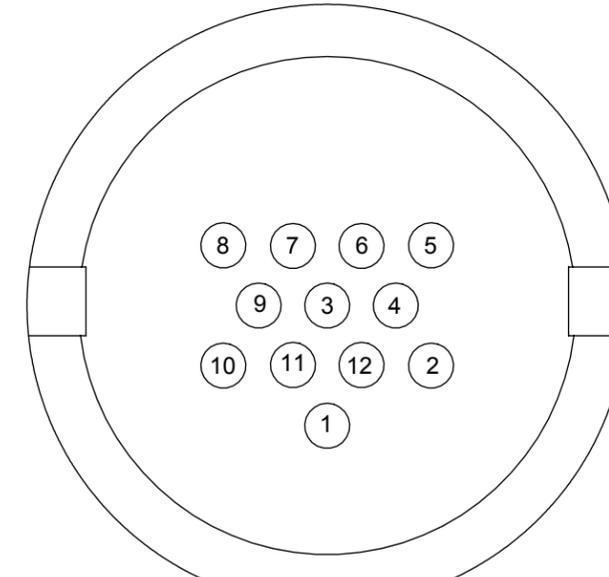


12-Pin Female Connector
DETAIL C
SCALE 3 : 1

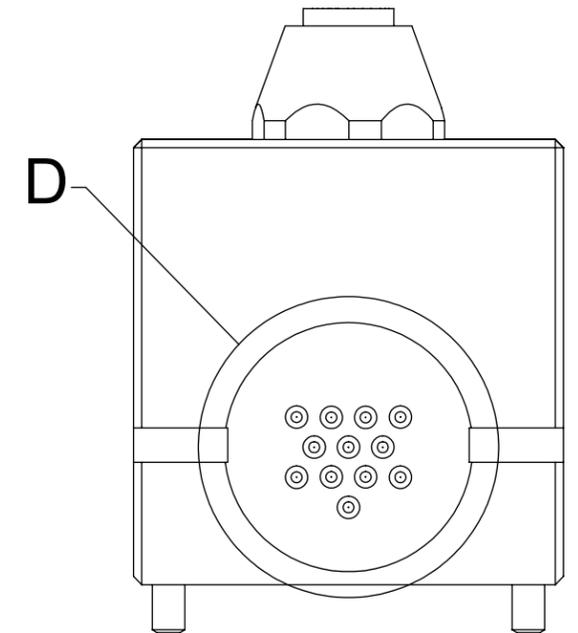
9120-K12-T



12-Pin
Pin Block
DETAIL B
SCALE 3 : 1



12-Pin
Pin Block
DETAIL D
SCALE 3 : 1



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3rd ANGLE PROJECTION



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DRAWN BY: J.Snape, 9/27/05

CHECKED BY: DKL, 9/27/05

PROJECT # 050607-1 SHEET 2 OF 3

TITLE

K12 Module Drawing

SCALE
3:2

SIZE
B

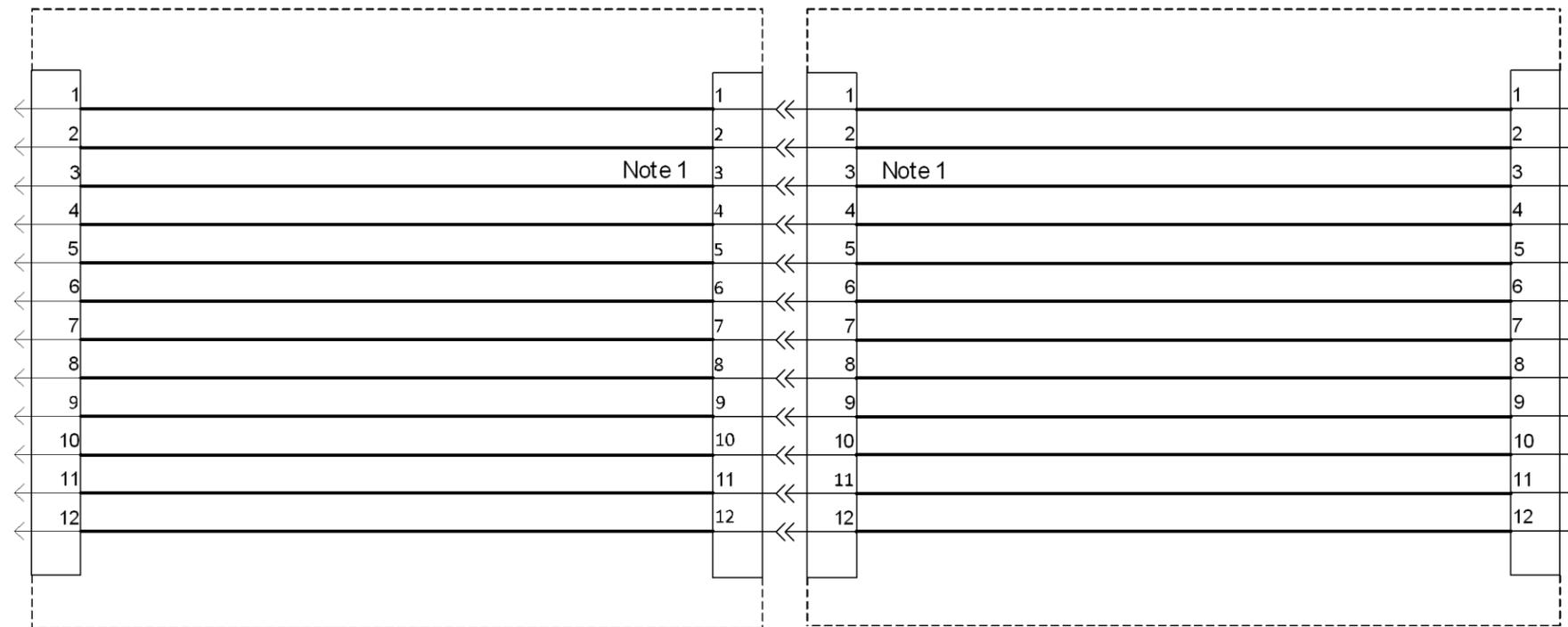
DRAWING NUMBER
9630-20-K12

REVISION
05

9120-K12-M

9121-K12-T

Turck FS12-0.5
M12, 12-Pin
Male Connector



Turck FK12-0.5
M12, 12-Pin
Female Connector

Notes:
1. Pin "3" on the Turck Euro-fast connector is First-to-mate Last-to-break at the Tool Changer interface. This pin is recommended for use as ground.

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DRAWN BY: J.Snape, 9/27/05		TITLE K12 Module Drawing			
CHECKED BY: DKL, 9/27/05		SCALE 3:2	SIZE B	DRAWING NUMBER 9630-20-K12	REVISION 05
PROJECT # 050607-1		SHEET 3 OF 3			