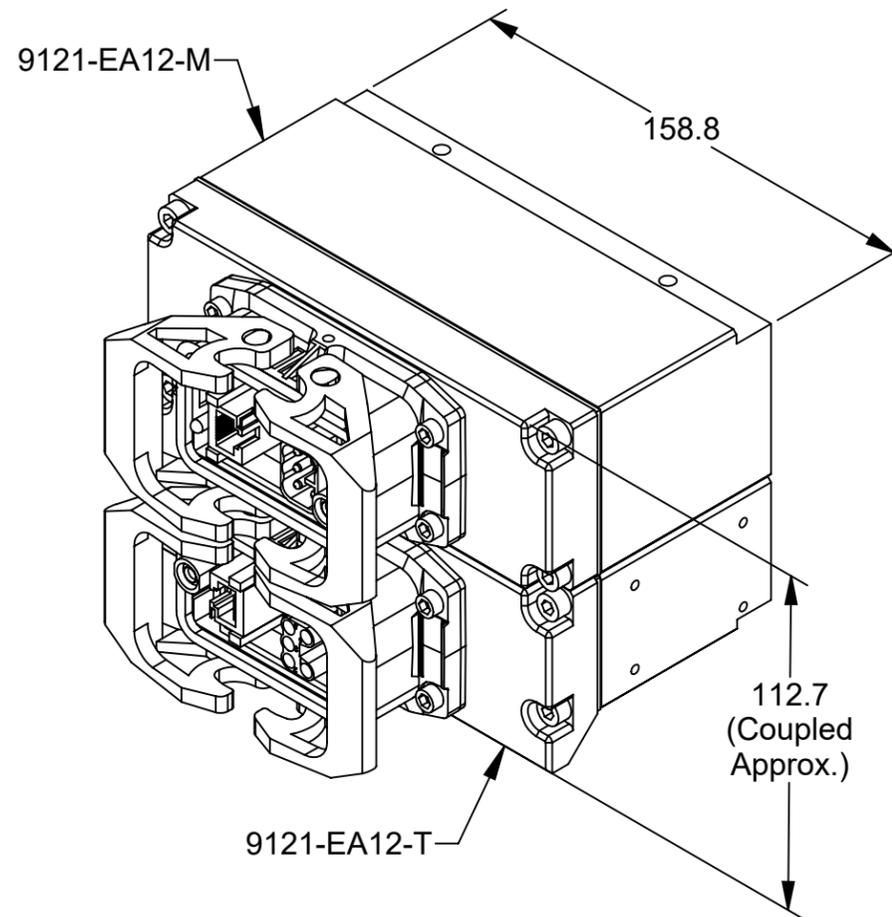
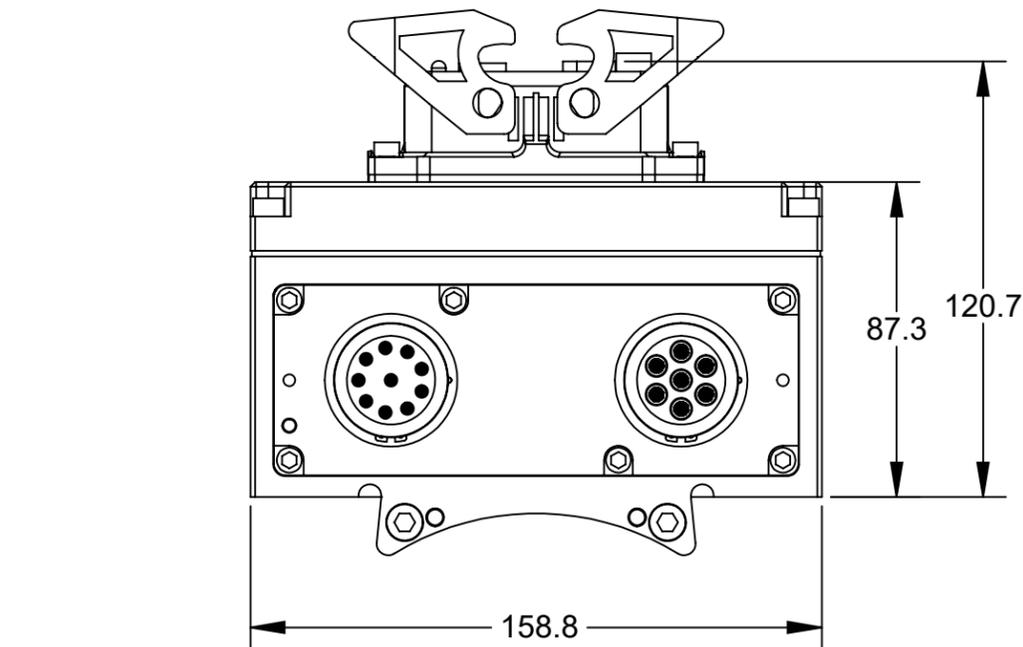
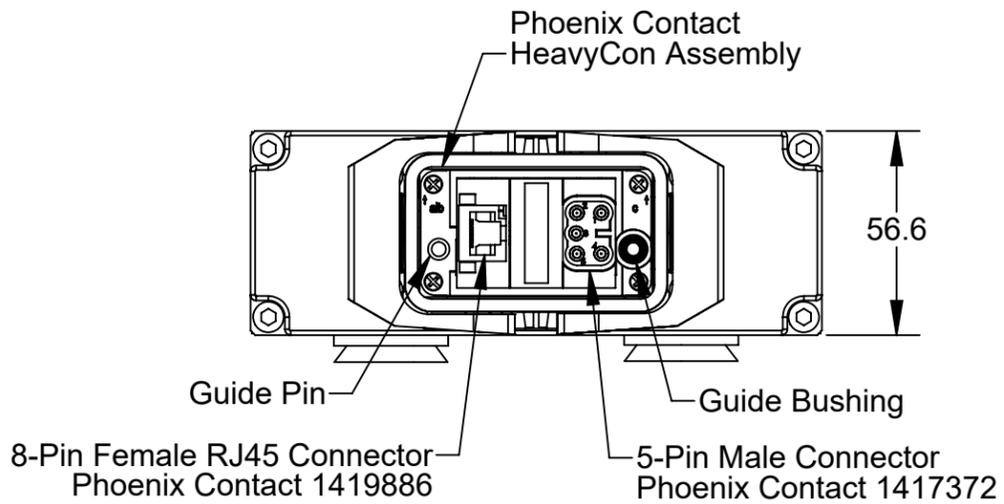
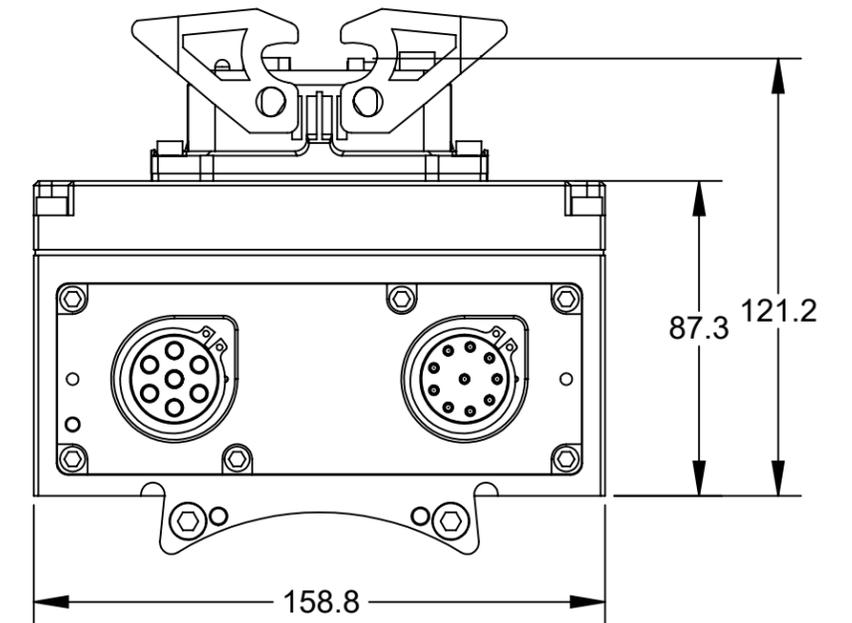
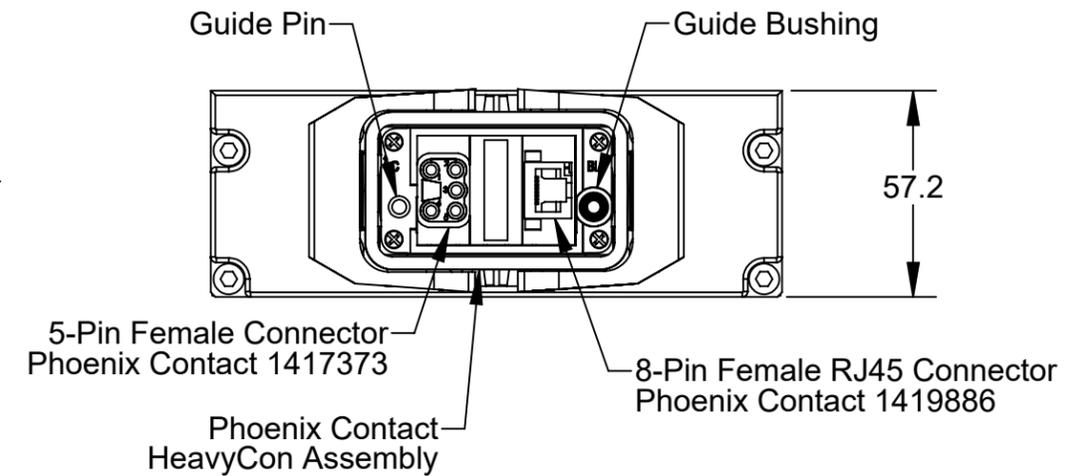


REV.	DESCRIPTION	INITIATOR	DATE
05	Eco 20537; Updated Schematic to correct 9121-EA12-M Connector Male/Female Descriptions. Master Side - Dim 120.7 was 123.8; Tool Side Dim 121.2 was 125.5	CF	1/19/2022

**EA12 Master Module
9121-EA12-M**



**EA12 Tool Module
9121-EA12-T**



Notes:

1. Connector details and pin assignment information for the Master is on Sheet 2.
2. Connector details and pin assignment information for the Tool is on Sheet 3.
3. Electrical schematic and functional notes are on Sheet 4.

"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.



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 www.ati-ia.com
 Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Newell, 5/21/19

CHECKED BY: W. Berrocal, 5/21/19

K. Davis, 5/23/19

PROJECT # 170606-1 SHEET 1 OF 4

TITLE

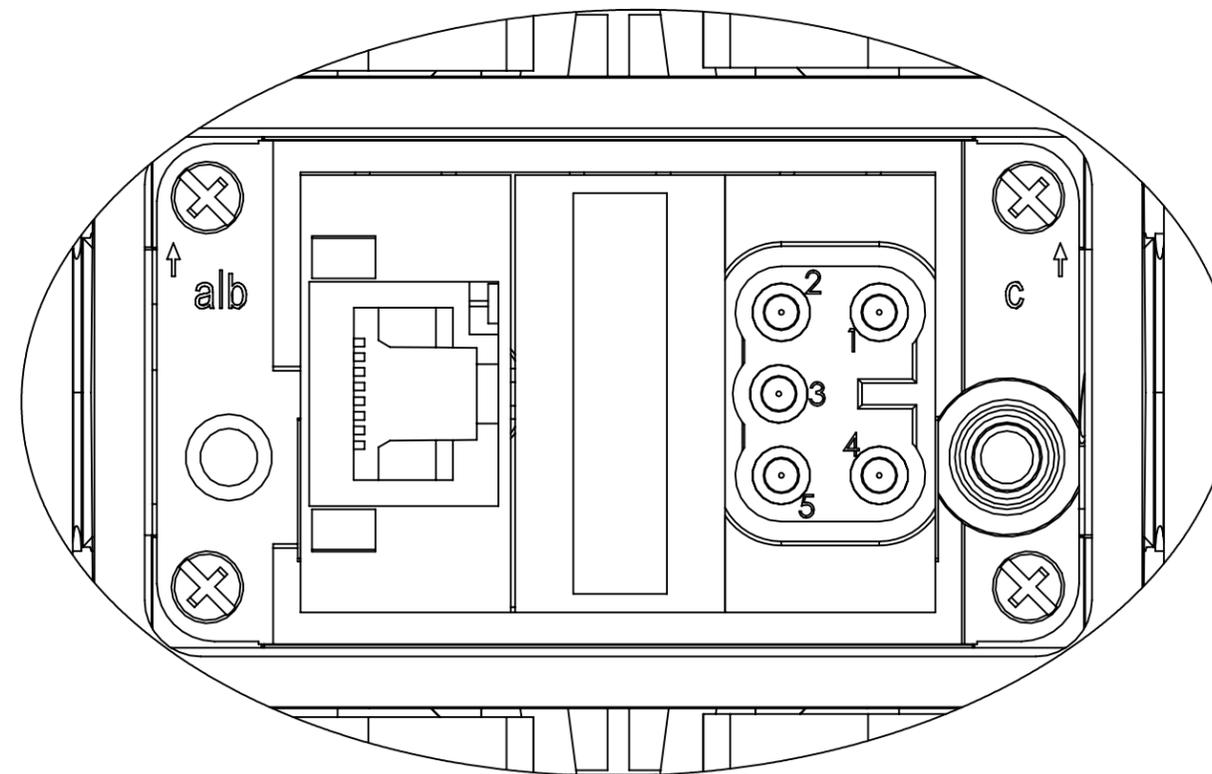
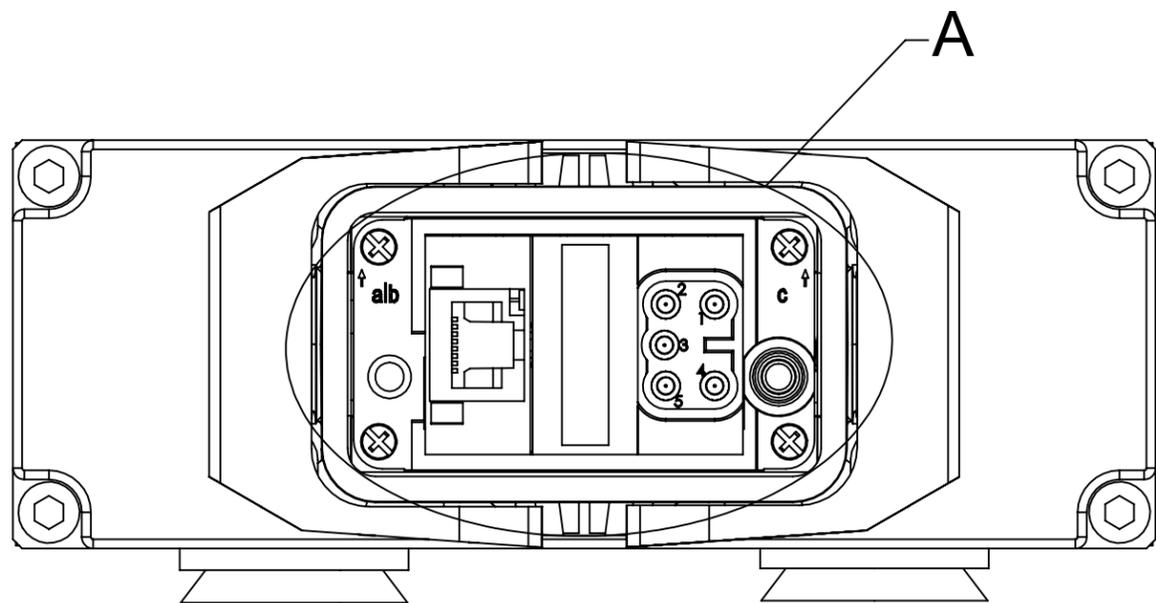
EA12 Customer Drawing

SCALE
1:2

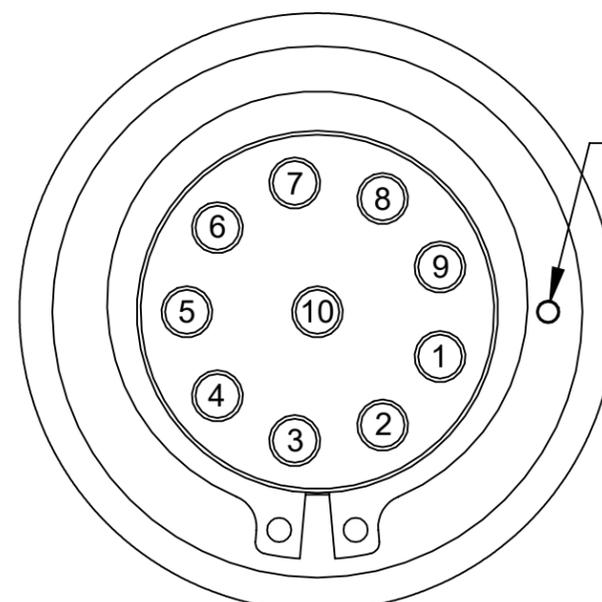
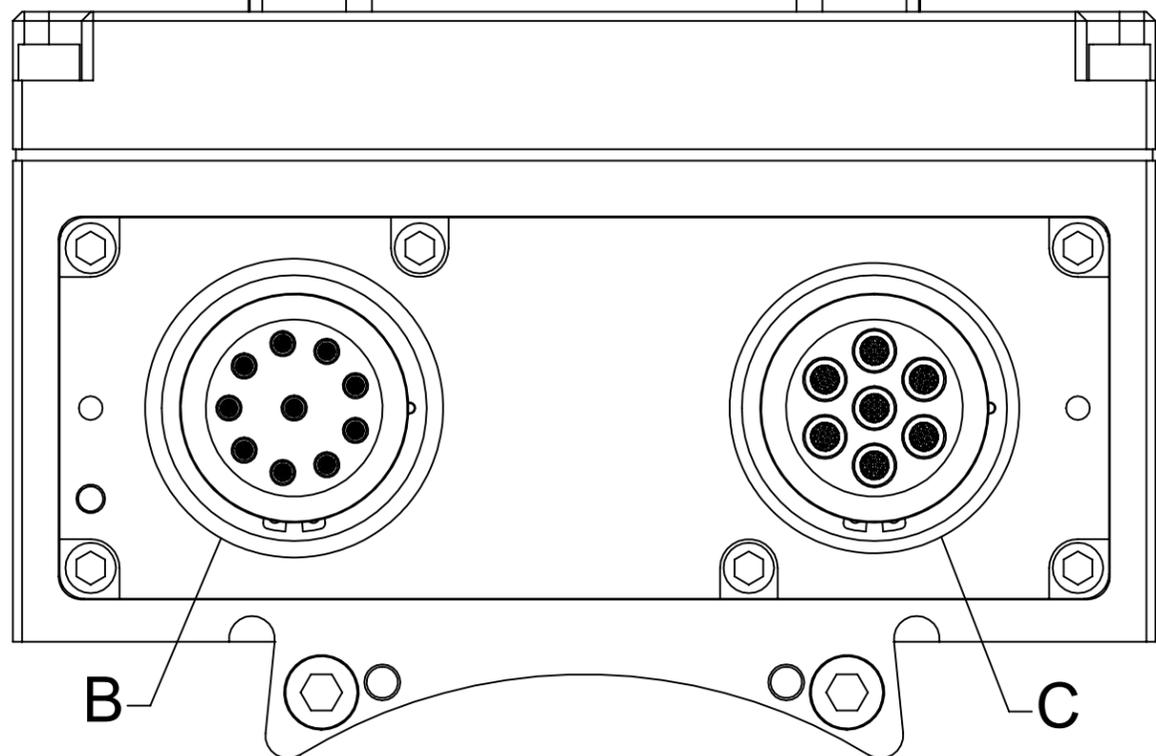
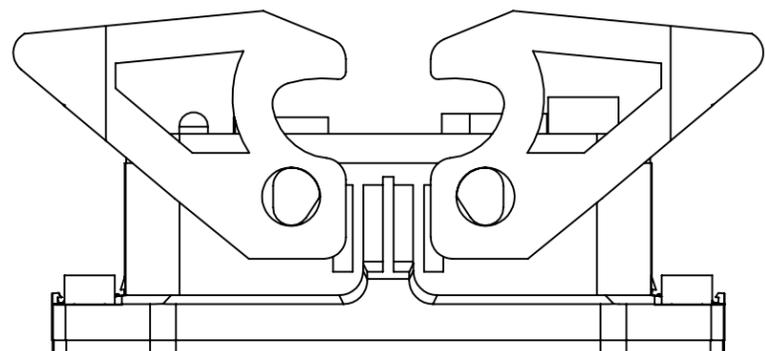
SIZE
B

DRAWING NUMBER
9630-20-EA12

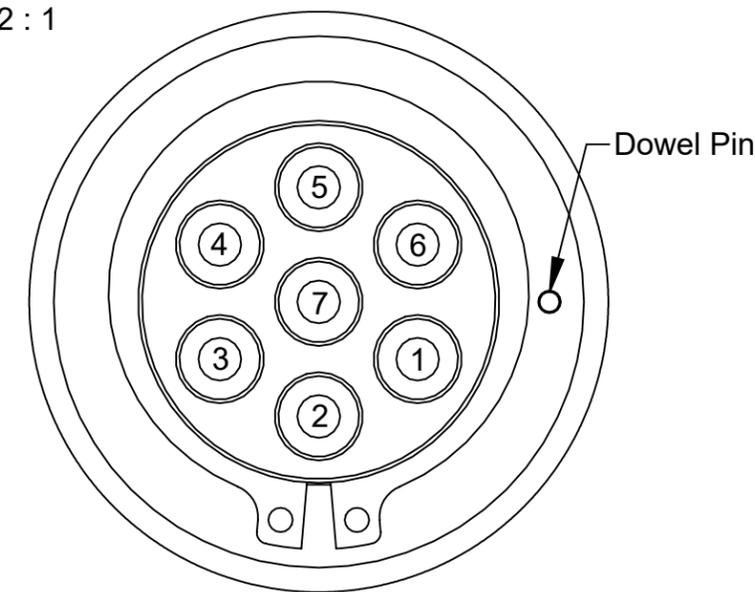
REVISION
05



DETAIL A
SCALE 2 : 1



DETAIL B
SCALE 2 : 1



DETAIL C
SCALE 2 : 1

9121-EA12-M

Note:
1. V-Rings are hidden in detail Views A, B, and C for dowel pin clarity.

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 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Newell, 5/21/19

CHECKED BY: W. Berrocal, 5/21/19

K. Davis, 5/23/19

TITLE

EA12 Customer Drawing

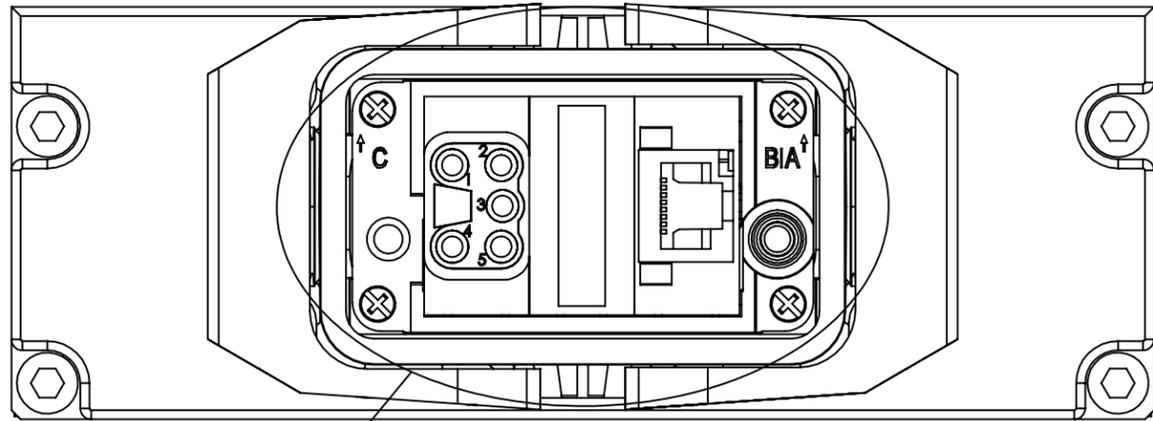
PROJECT # 170606-1 SHEET 2 OF 4

SCALE
1:1

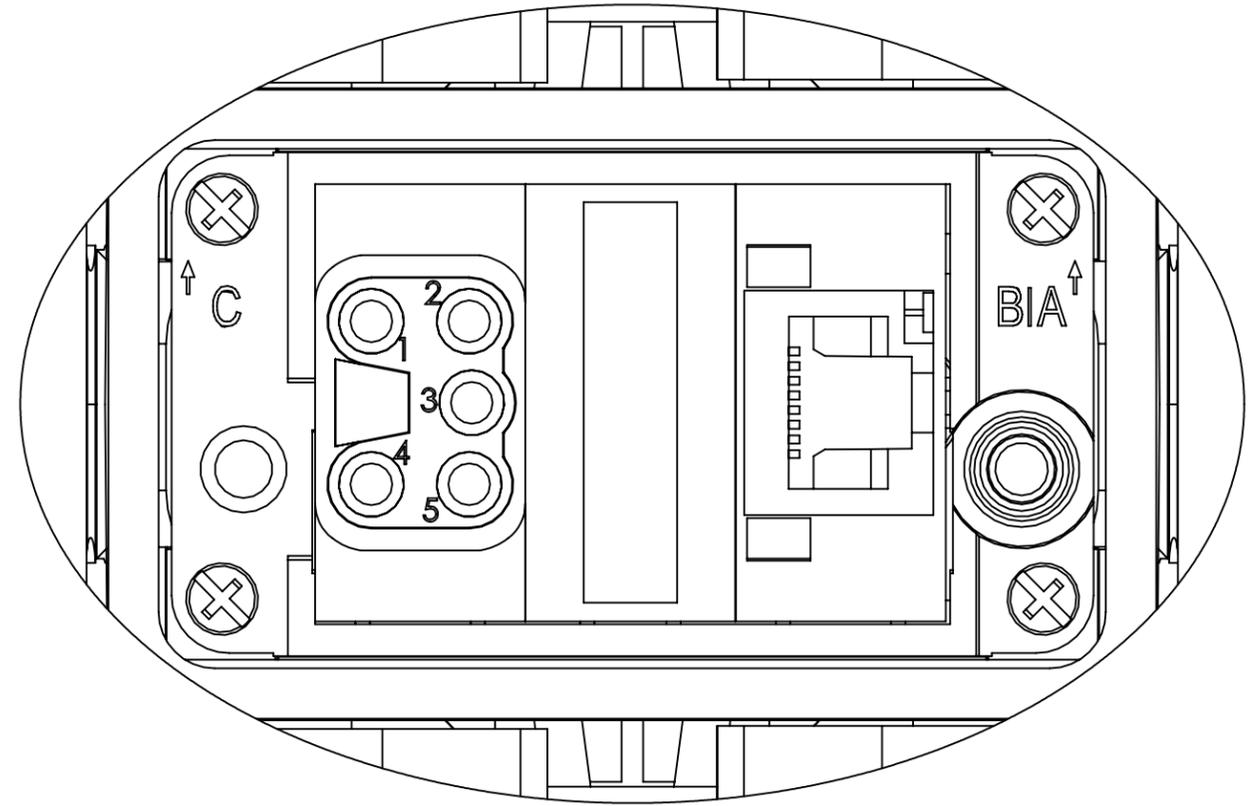
SIZE
B

DRAWING NUMBER
9630-20-EA12

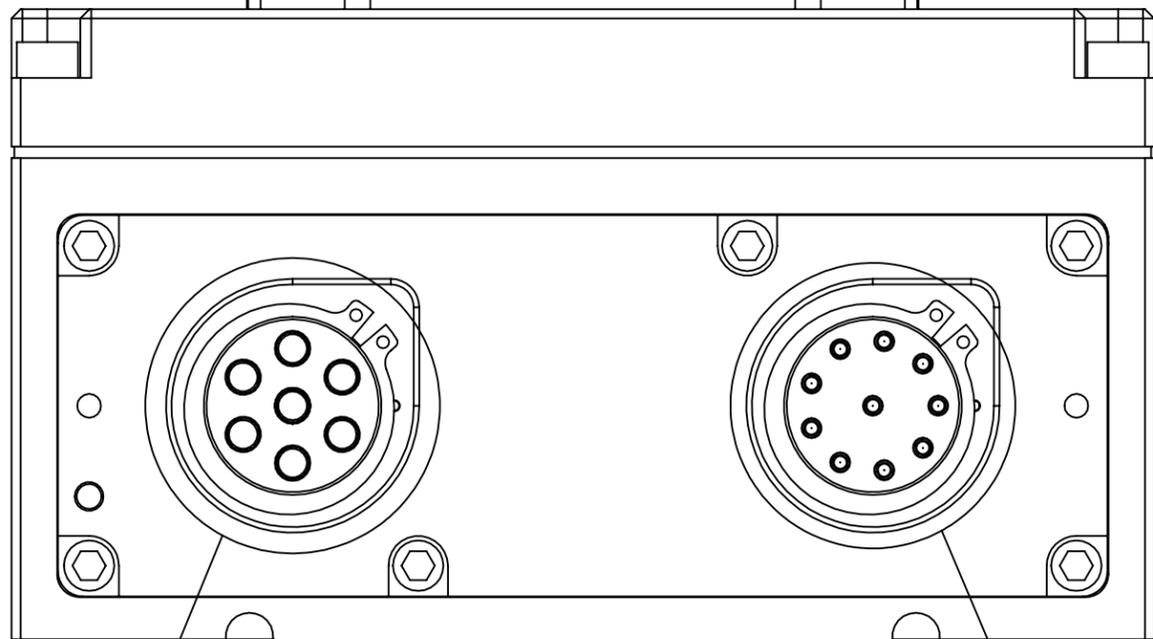
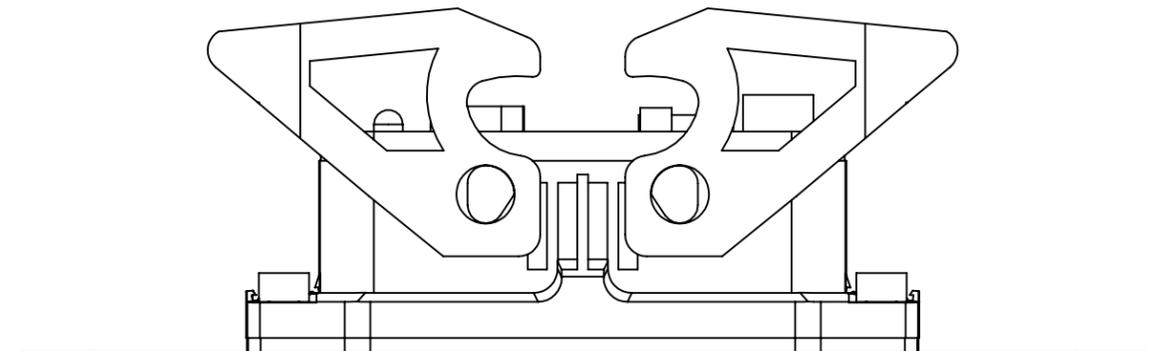
REVISION
05



D

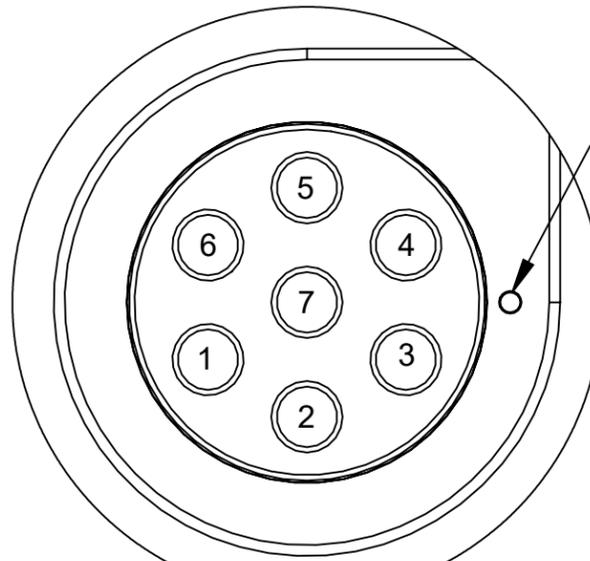


DETAIL D
SCALE 2 : 1

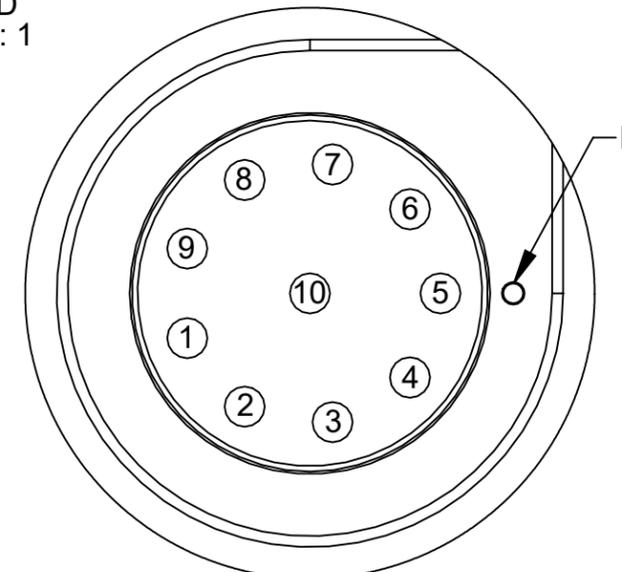


E

F



DETAIL E
SCALE 2 : 1



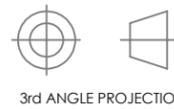
DETAIL F
SCALE 2 : 1

Notes:
1. Retaining rings are hidden in detail views D, E, and F for dowel pin clarity.

9121-EA12-T

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 www.ati-ia.com
Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Newell, 5/21/19

CHECKED BY: W. Berrocal, 5/21/19

K. Davis, 5/23/19

TITLE

EA12 Customer Drawing

PROJECT # 170606-1 SHEET 3 OF 4

SCALE
1:1

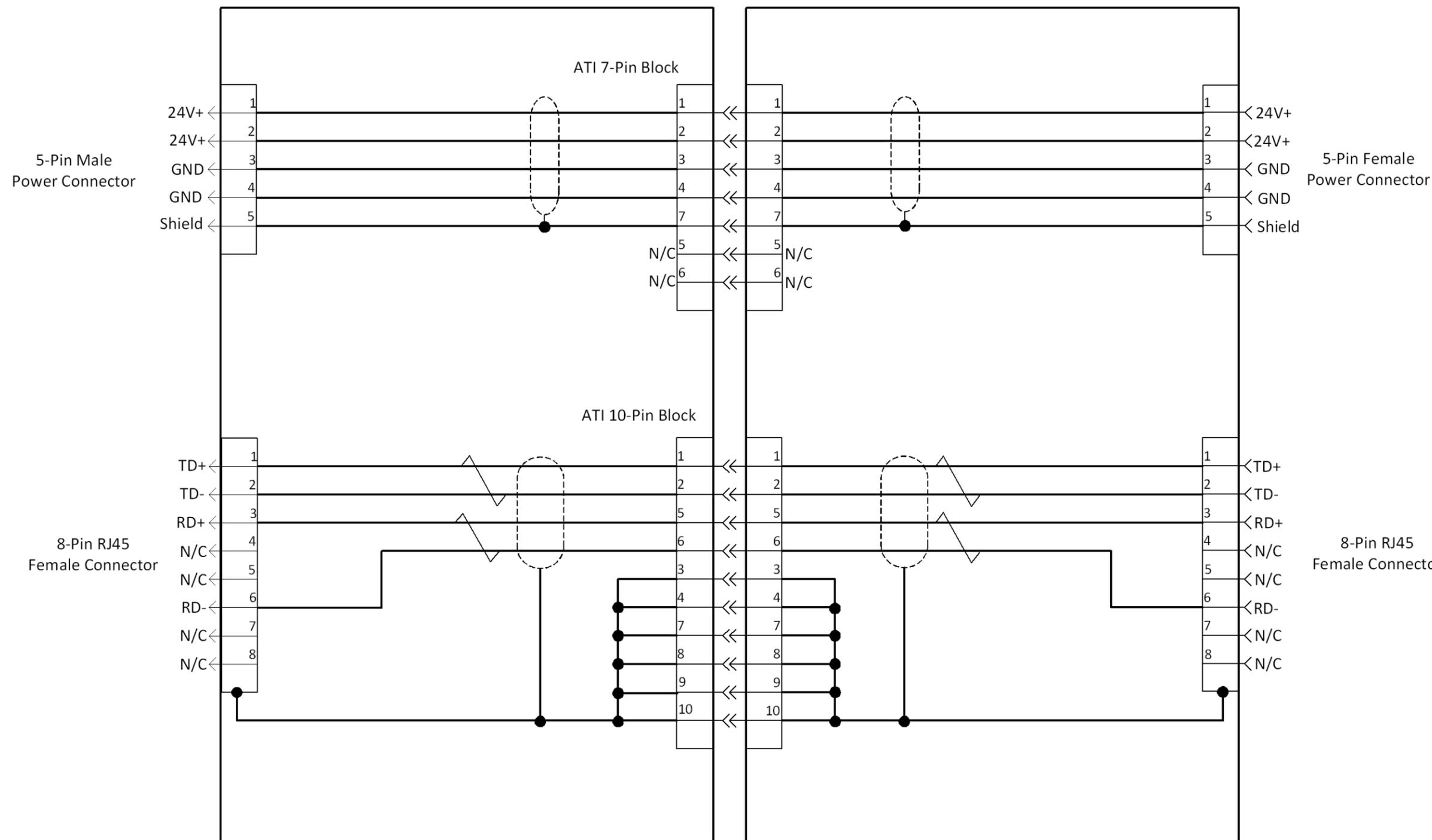
SIZE
B

DRAWING NUMBER
9630-20-EA12

REVISION
05

9121-EA12-M

9121-EA12-T



Notes:

- Pin 7 of the ATI 7-Pin block is the first-to-mate, and last-to-break contact, and is recommended as ground
- The 5-Pin power connector circuit is rated to 10A/400V.
- The 8-Pin RJ45 connector circuit is rated to 1A/50V.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



1031 Goodworth Drive, Apex, NC 27539, USA
 Tel: +1.919.772.0115 www.ati-ia.com
 Fax: +1.919.772.8259 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Newell, 5/21/19		TITLE	
CHECKED BY: W. Berrocal, 5/21/19		EA12 Customer Drawing	
K. Davis, 5/23/19		SCALE	SIZE
PROJECT # 170606-1	SHEET 4 OF 4	1:1	B
		DRAWING NUMBER	REVISION
		9630-20-EA12	05