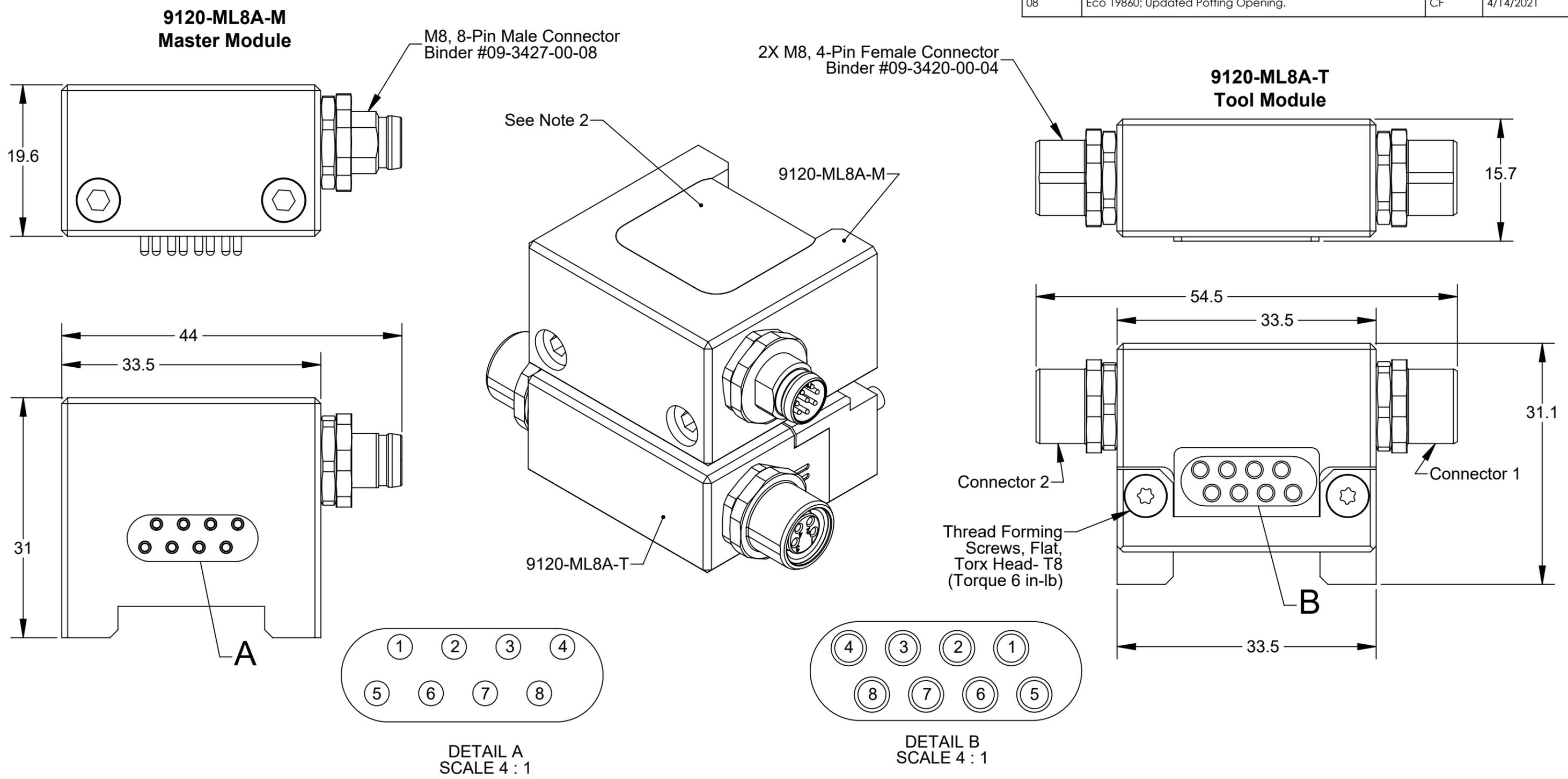


REV.	DESCRIPTION	INITIATOR	DATE
07	ECO 19733; page 4 note 1 now reads 1A / 30VDC	EPR	2/12/2021
08	Eco 19860; Updated Potting Opening.	CF	4/14/2021



Notes:

1. See Sheet 3 for detailed ML8A Module Electrical Schematic and Electrical Rating.
2. Both modules are potted with 3M DP270 potting material.

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

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CHECKED BY: W.Berrocal, 12/2/2019

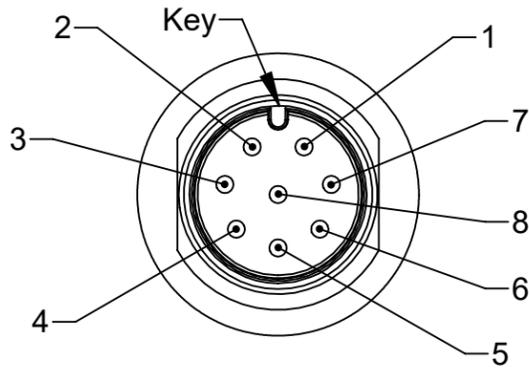
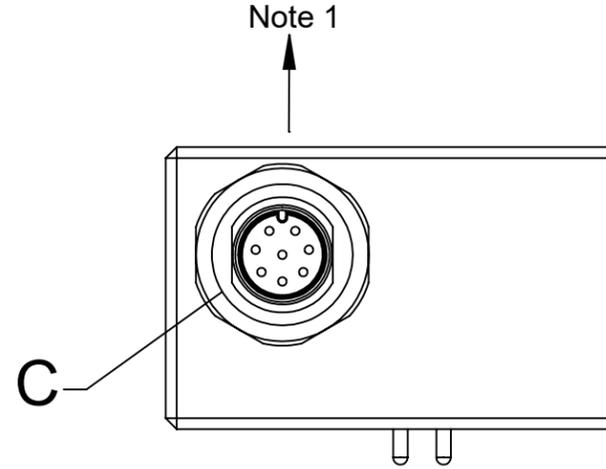
PROJECT # 181129-2 SHEET 1 OF 4

TITLE: ML8A Module Customer Drawing

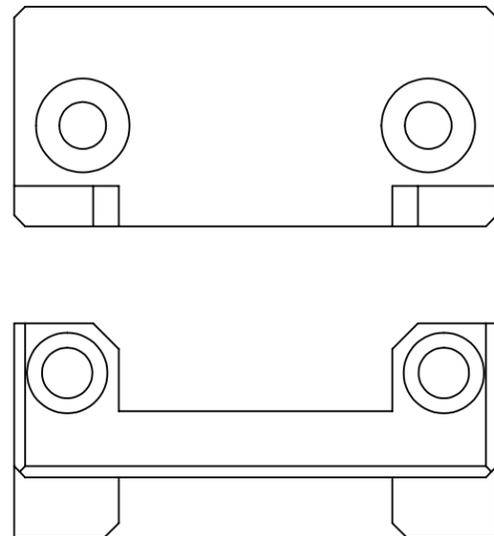
SCALE: 2:1	SIZE: B	DRAWING NUMBER: 9630-20-ML8A	REVISION: 08
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3rd ANGLE PROJECTION

**9120-ML8A-M  
Master Module**

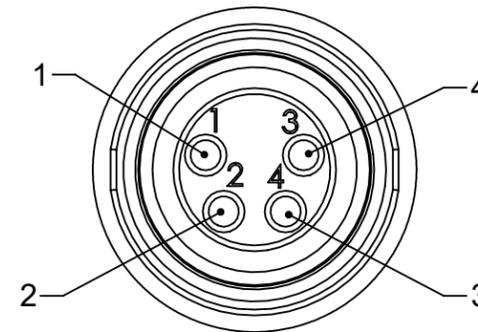
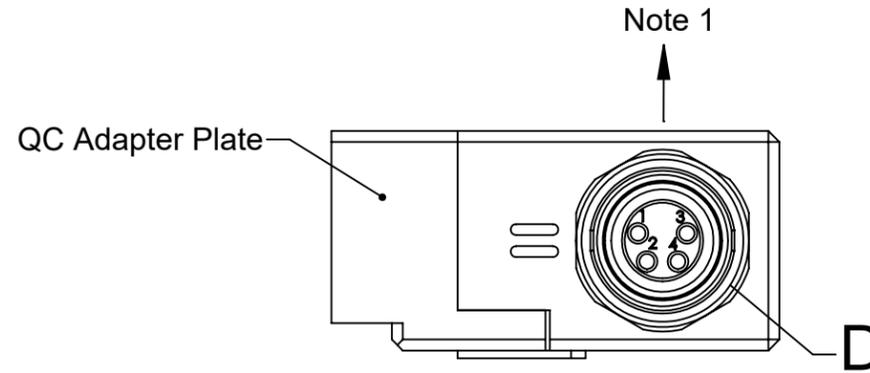


**DETAIL C**  
Master 8-Pin  
Male Connector  
SCALE 4 : 1

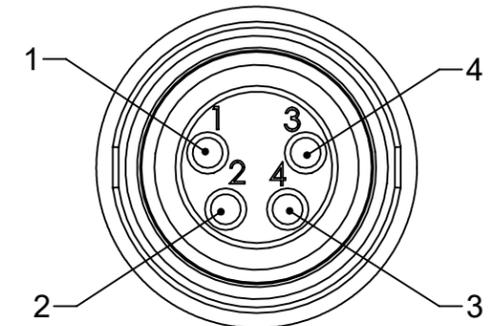
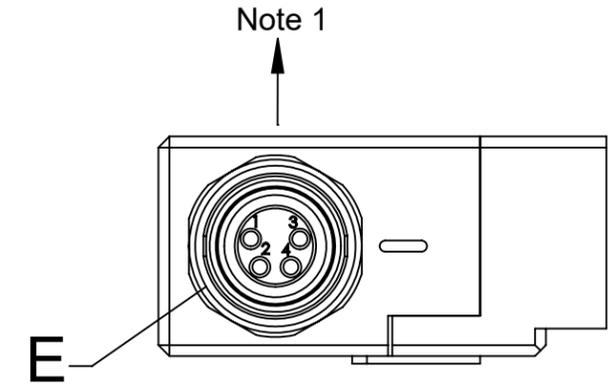


Serviceable part 3700-20-11153 Adapter Plate  
common on all Tool modules.

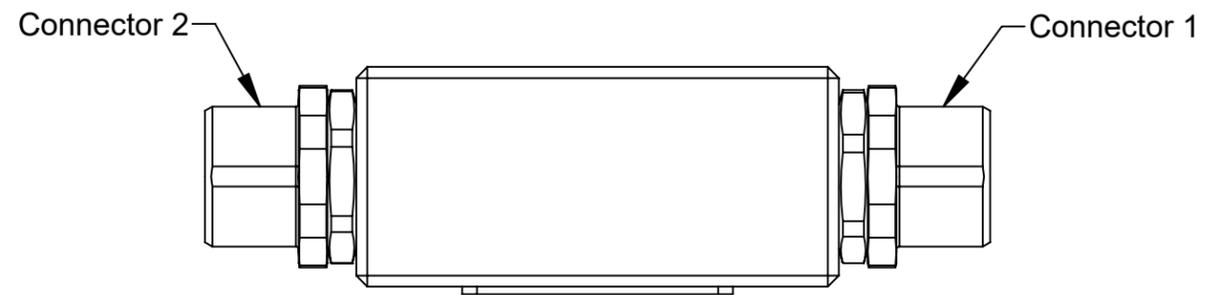
**9120-ML8A-T  
Tool Module**



**DETAIL D**  
Tool 4-Pin  
Female Connector 2  
SCALE 4 : 1



**DETAIL E**  
Tool 4-Pin  
Female Connector 1  
SCALE 4 : 1



Notes:  
1. Mating right angle cordset direction.

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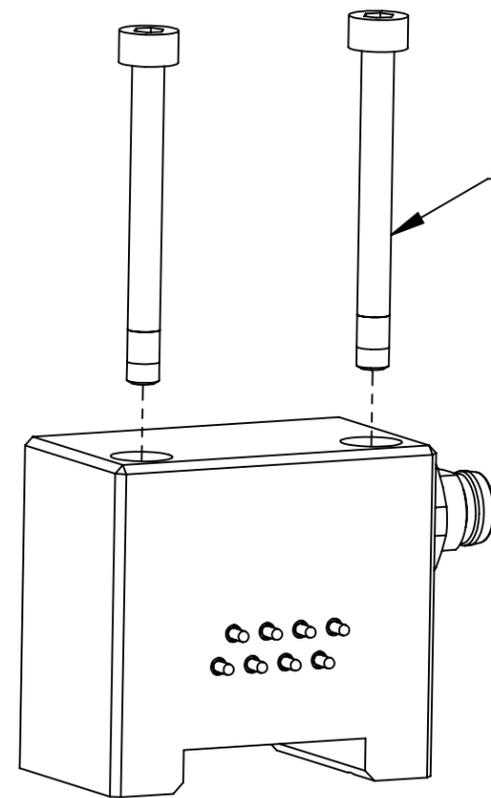
CHECKED BY: W.Berrocal, 12/2/2019

PROJECT # 181129-2 SHEET 2 OF 4

TITLE  
ML8A Module Customer Drawing

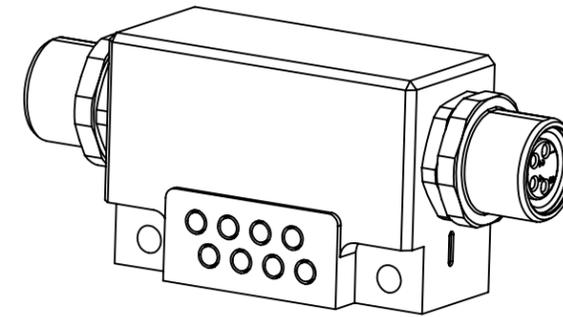
SCALE	SIZE	DRAWING NUMBER	REVISION
2:1	B	9630-20-ML8A	08

# Mounting Hardware



**9120-ML8A-M  
Master Module**

2X M3 X 30 SHCS  
Pre / 7 in-lb



**9120-ML8A-T  
Tool Module**

2X M3 X 8 SHCS  
Pre / 7 in-lb

2X T8 Torx Screw  
6 in-lb

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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TITLE

ML8A Module Customer Drawing

PROJECT # 181129-2 SHEET 3 OF 4

SCALE  
3:2

SIZE  
B

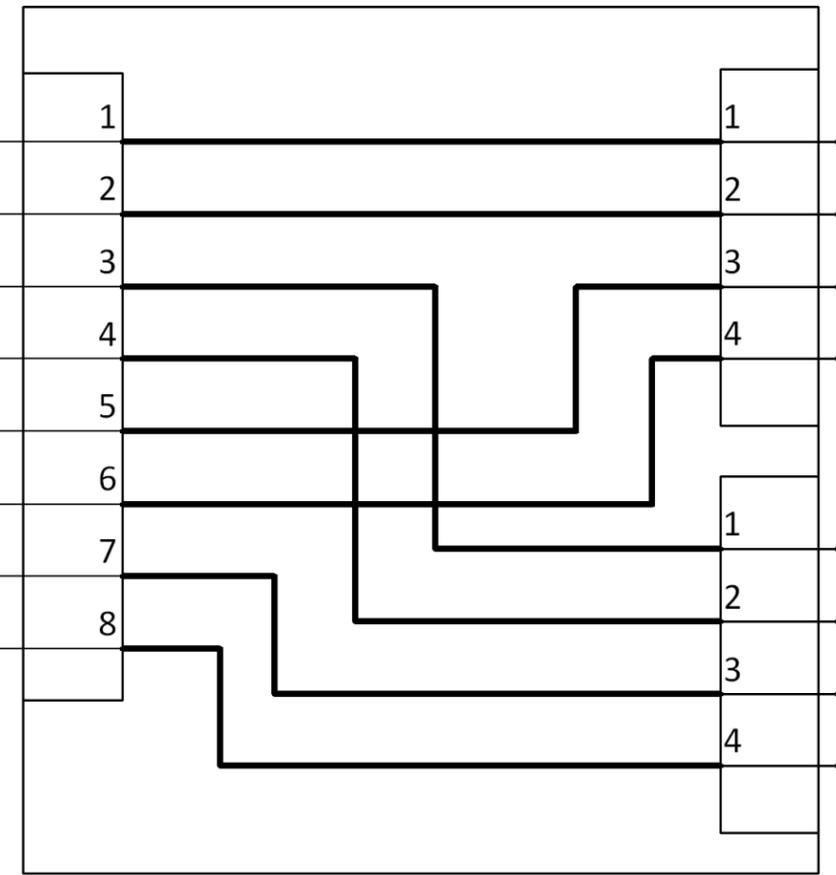
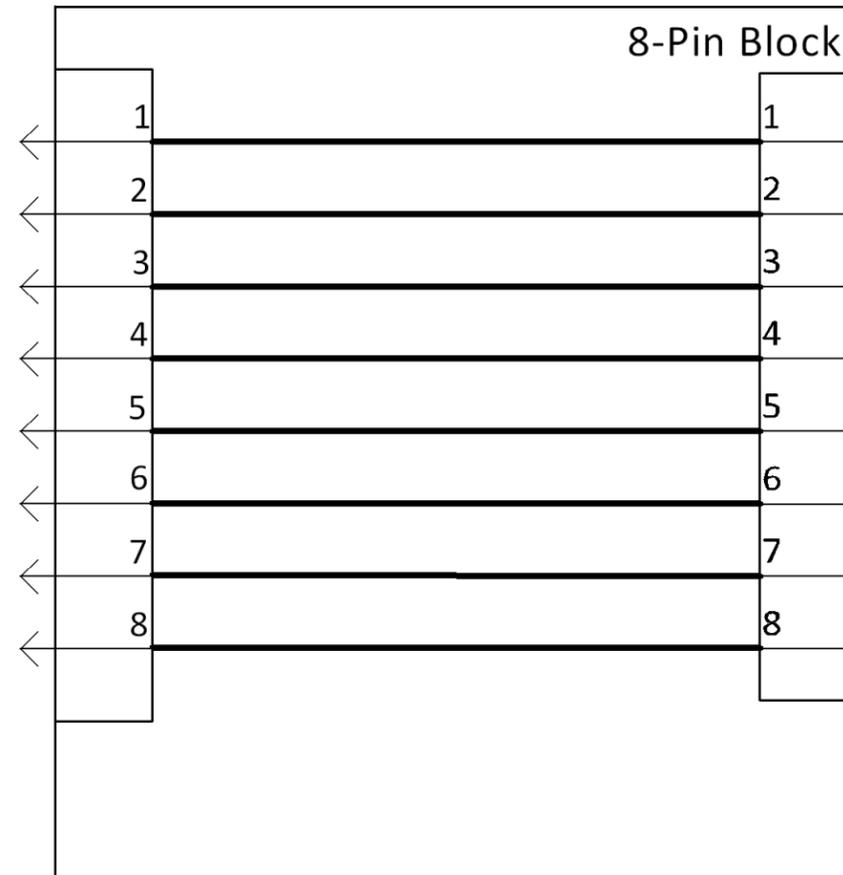
DRAWING NUMBER  
9630-20-ML8A

REVISION  
08

9120-ML8A-M

9120-ML8A-T

M8, 8-Pin  
Male Connector



M8, 4-Pin  
Female  
Connector 1

M8, 4-Pin  
Female  
Connector 2

Notes:  
1. Electrical Rating: 1A / 30VDC

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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CHECKED BY: W.Berrocal, 12/2/2019

TITLE

ML8A Module Customer Drawing

PROJECT # 181129-2 SHEET 4 OF 4

SCALE  
2:1

SIZE  
B

DRAWING NUMBER  
9630-20-ML8A

REVISION  
08