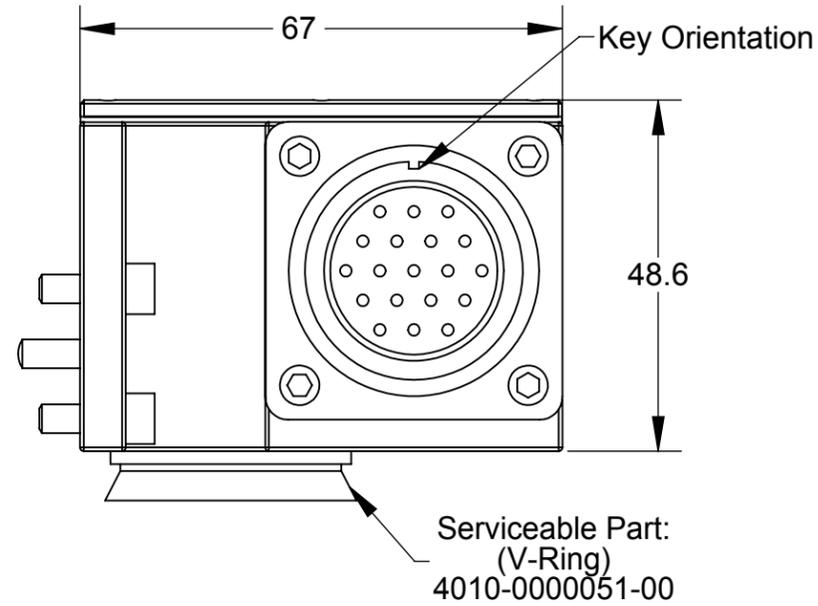


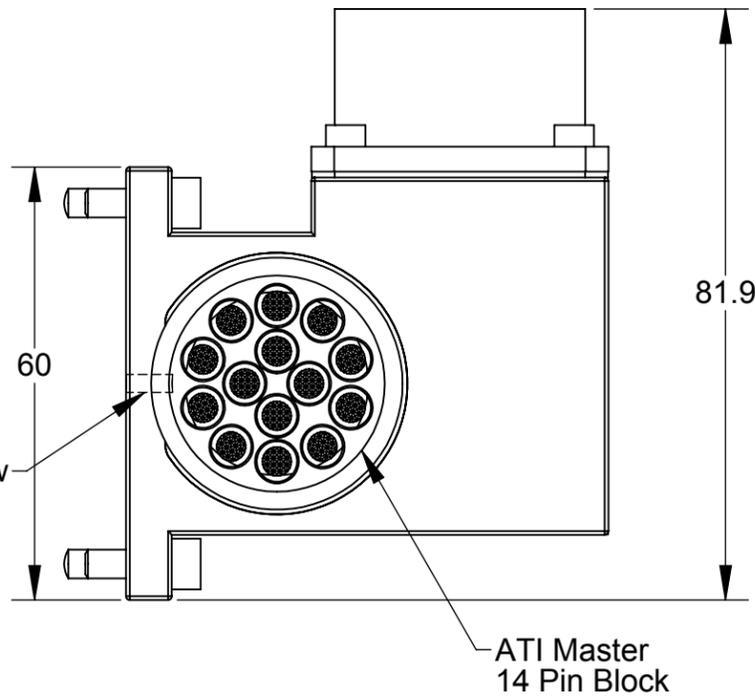
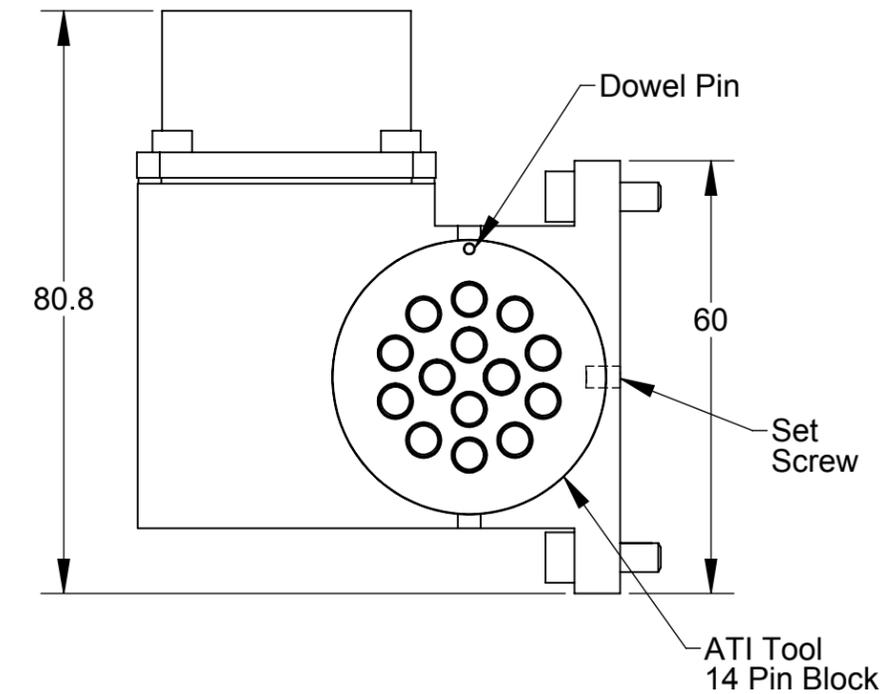
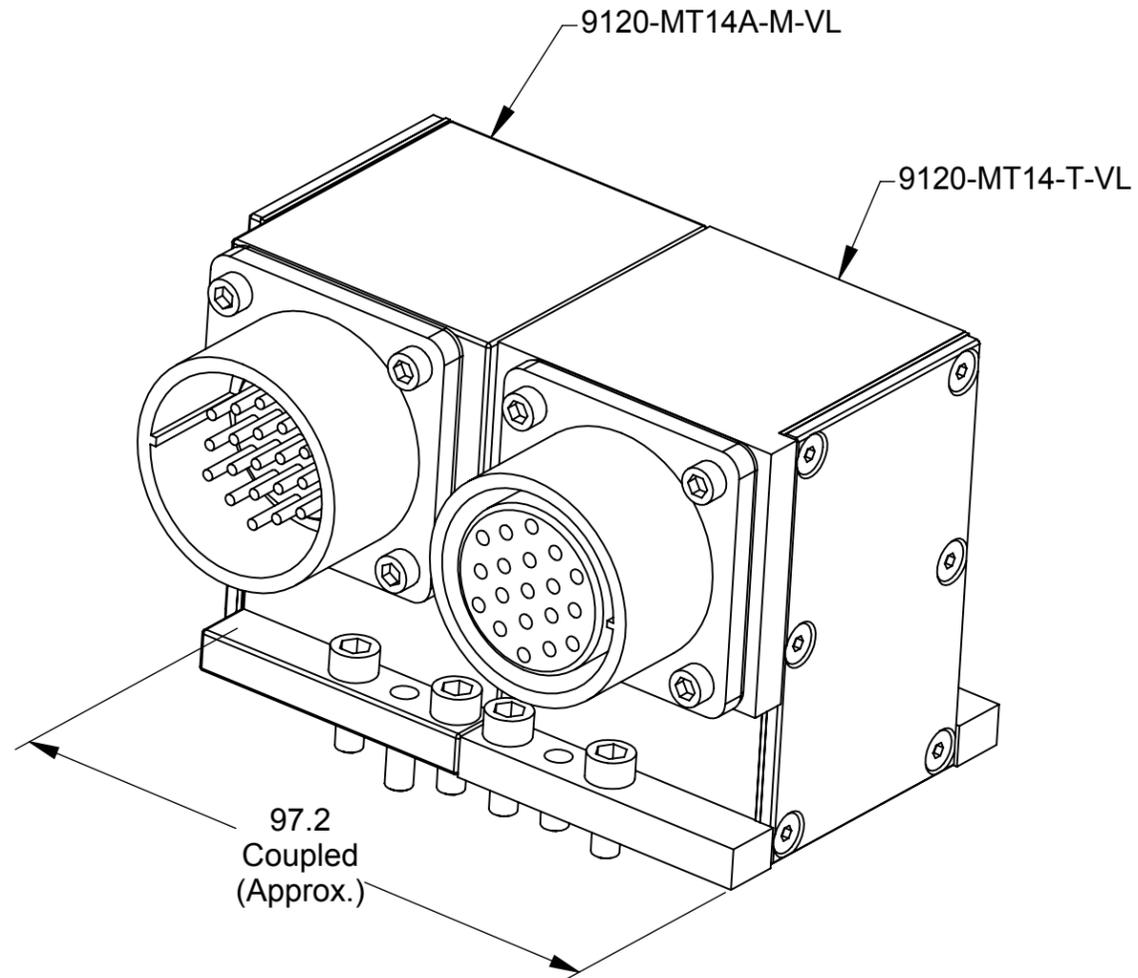
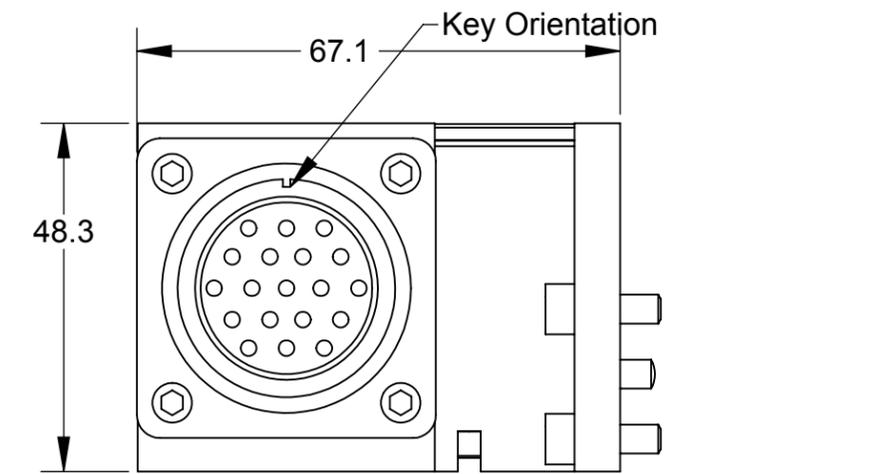
"DANGER! - For electrical modules using > 60VDC or 42 VAC, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components."

Rev.	Description	Initiator	Date
01	Initial Drawing	DAW	2/11/2014

9120-MT14A-M-VL



9120-MT14-T-VL



Notes:

1. Module Electrical rating: 13 AMPS / 500 VAC / 700 VDC.
2. Pin "N" on the MS connector is First-to-mate Last-to-break at the Tool Changer interface. This pin is recommended for use as ground.
3. See sheet 3 for module wiring schematic.
4. See sheet 2 for Customer Interface Information.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



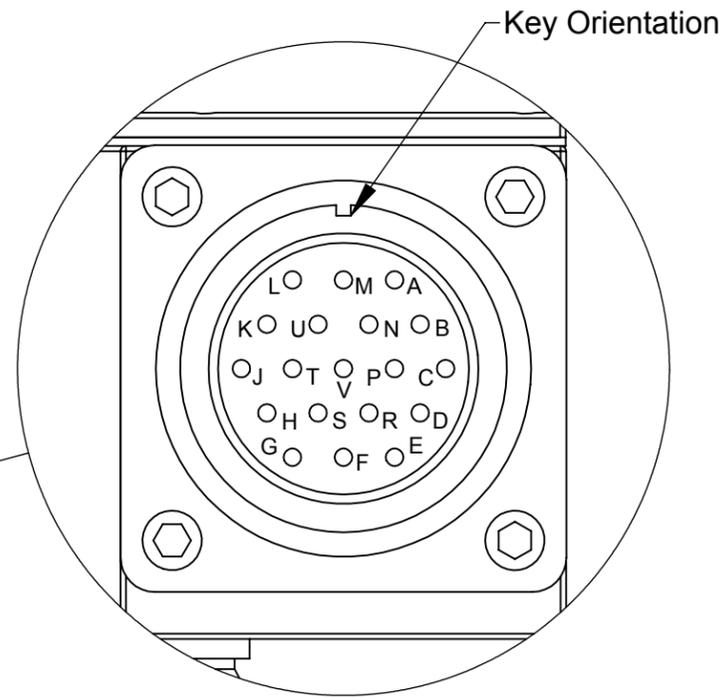
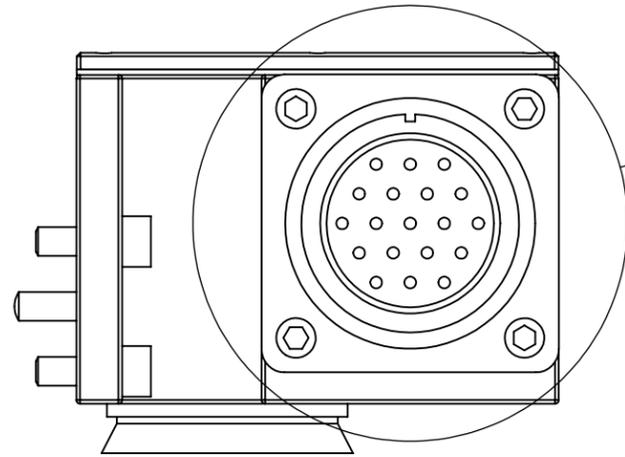
1031 Goodworth Drive, Apex, NC 27539, USA
 Tel: +1.919.772.0115 Email: info@ati-ia.com
 Fax: +1.919.772.8259 www.ati-ia.com
 ISO 9001 Registered Company

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DRAWN BY: D. Wagner 2/11/14		TITLE	
CHECKED BY: P. Luczka, 2/18/14 M. Perrault 2/21/14		MT14A-M-VL to MT14-T-VL Module Drawing	
PROJECT # -	SHEET 1 OF 3	SCALE	SIZE
		1:1	B
DRAWING NUMBER		REVISION	
9630-20-MT14A-M-VL MT14-T-VL		01	

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

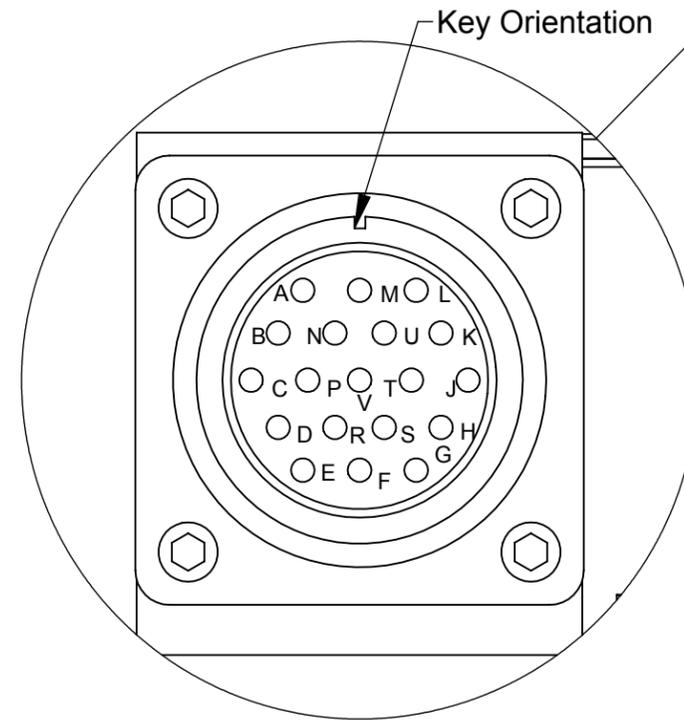
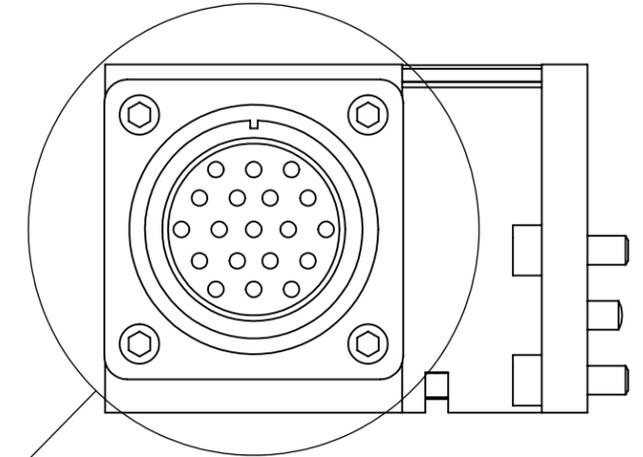
**9120-MT14A-M-VL
Master Module**



MS3102E22-14P
Male Connector

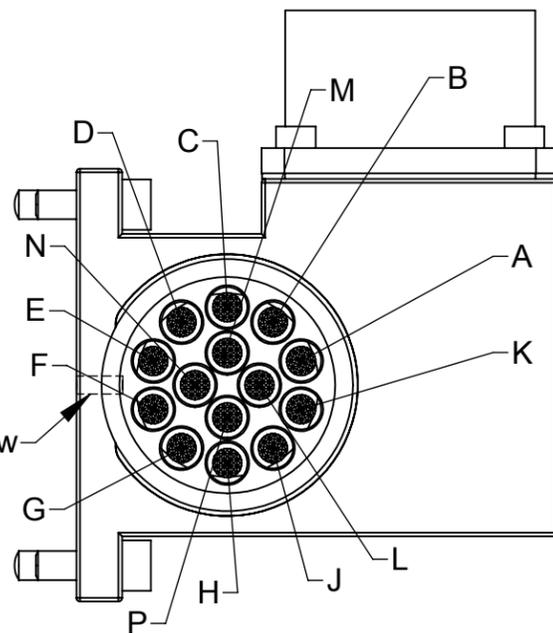
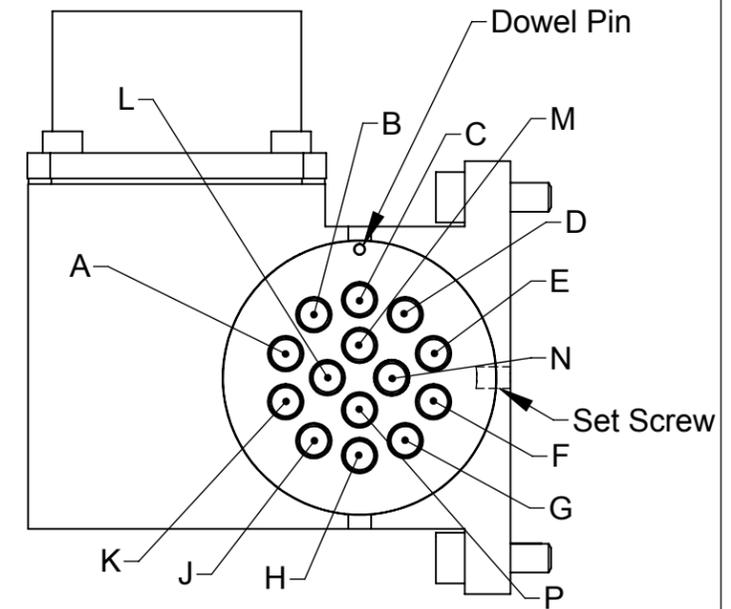
DETAIL B
SCALE 3 : 2

**9120-MT14-T-VL
Tool Module**



MS3102E22-14S
Female Connector

DETAIL C
SCALE 3 : 2



NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION

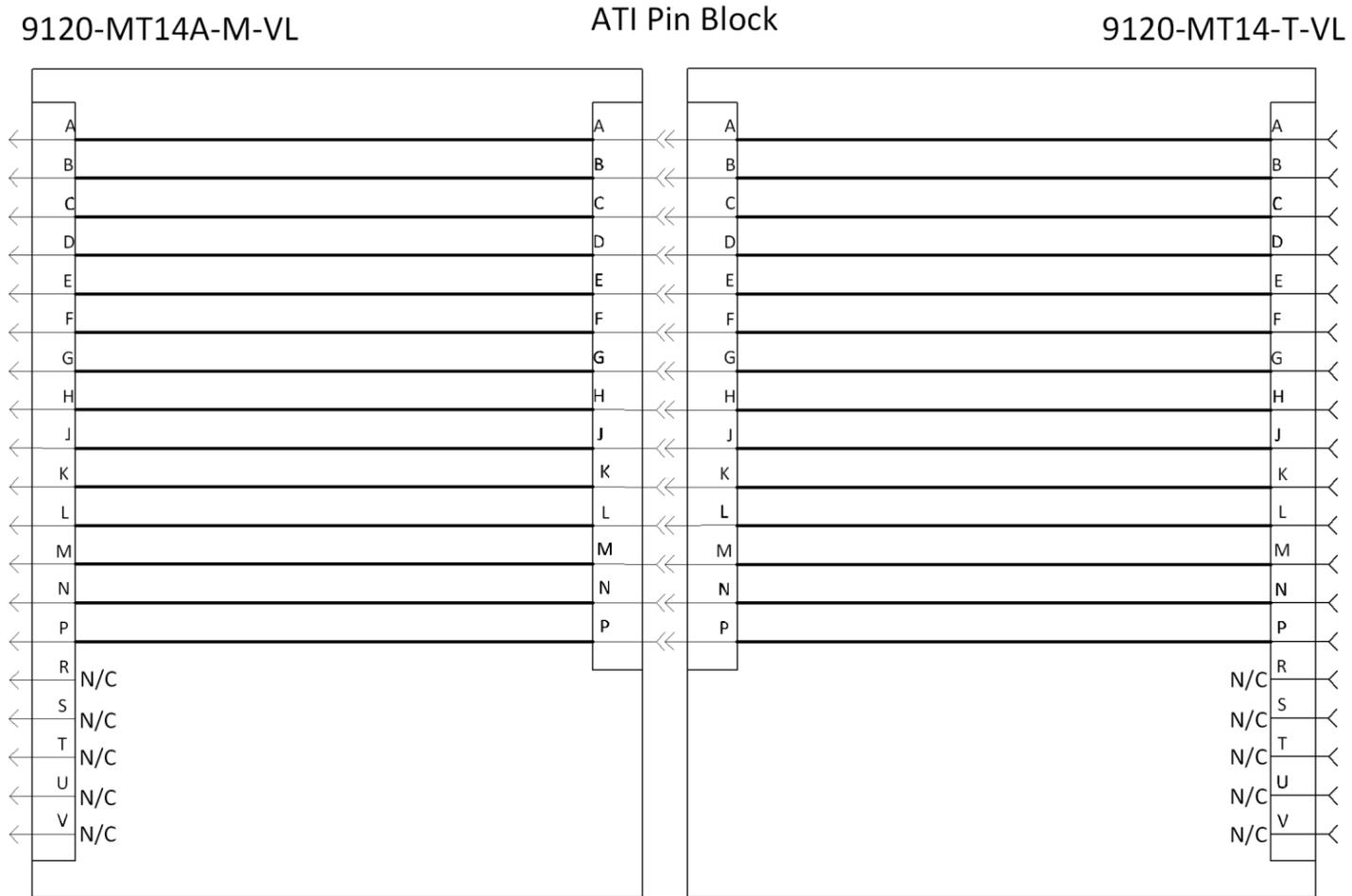


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DRAWN BY: D. Wagner 2/11/14		TITLE	
CHECKED BY: P. Luczka, 2/18/14 M. Perrault 2/21/14		MT14A-M-VL to MT14-T-VL Module Drawing	
PROJECT # -	SHEET 2 OF 3	SCALE 1:1	SIZE B
DRAWING NUMBER		REVISION	
9630-20-MT14A-M-VL MT14-T-VL		01	

Rev.	Description	Initiator	Date
-	See Sheet1	-	-



MS3102E22-14P
Male Connector

MS3102E22-14S
Female Connector

Notes:
1. Pin "N" on ATI pin block is "First -To-Mate" and "Last-To-Break" contact and is recommended as ground.

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: D. Wagner 2/11/14		TITLE	
CHECKED BY: P.Luczka, 2/18/14 M. Perrault 2/21/14		MT14A-M-VL to MT14-T-VL Module Drawing	
PROJECT # -	SHEET 3 OF 3	SCALE	REVISION
		1:1	01
SIZE	DRAWING NUMBER		
B	9630-20-MT14A-M-VL MT14-T-VL		