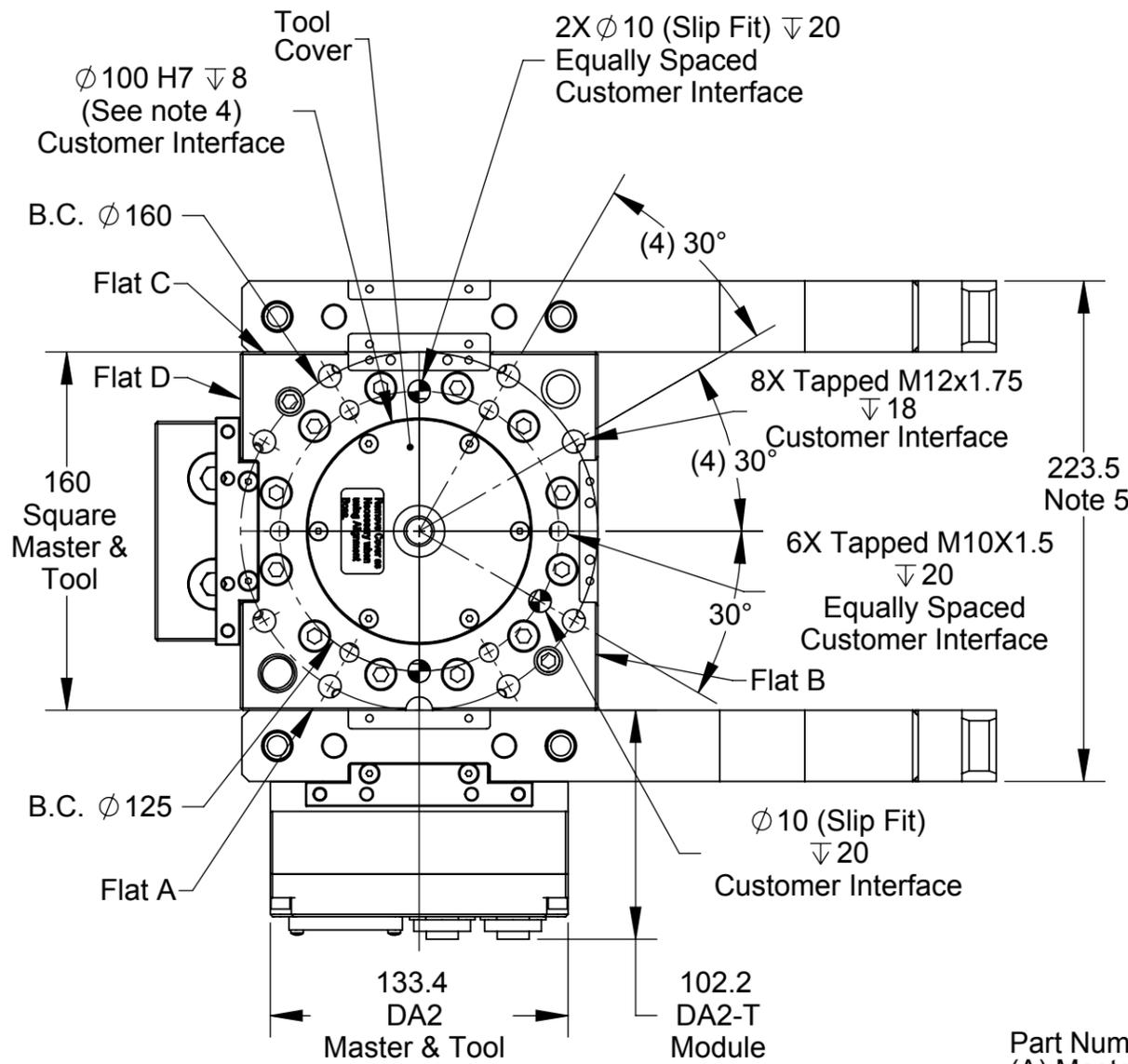
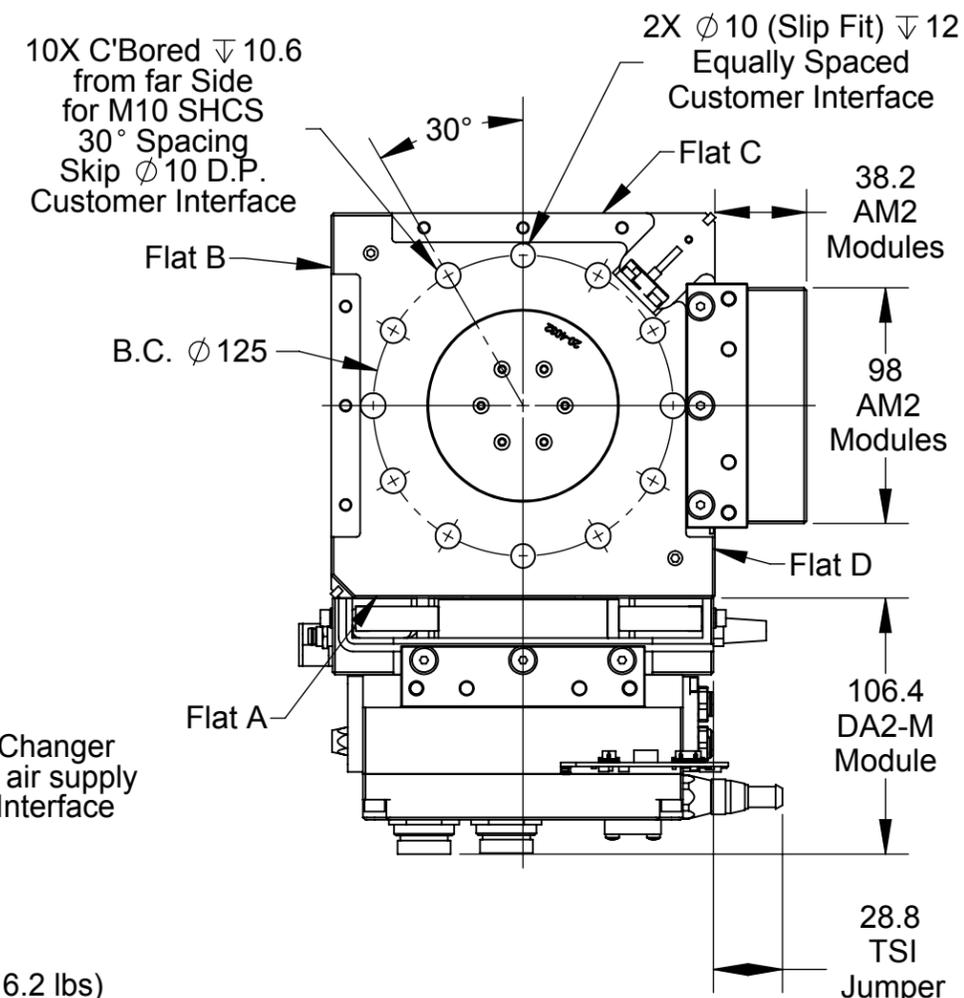
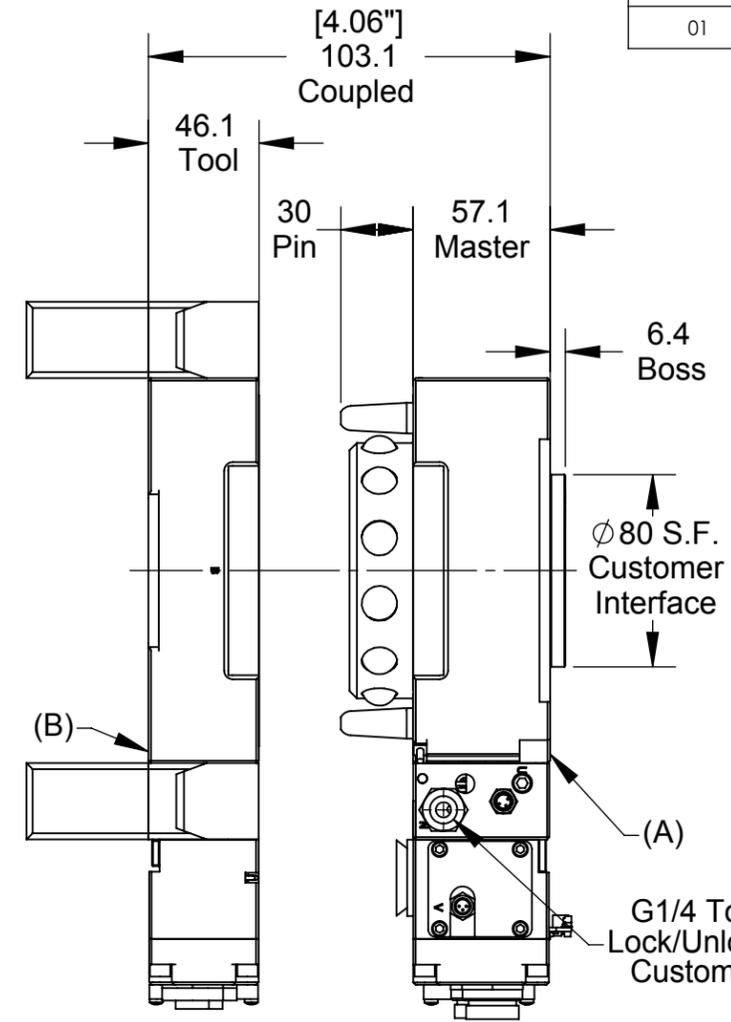


Rev.	Description	Initiator	Date
01	Initial Issue	DSS	1/07/2013



**Tool Side
(projection only)**

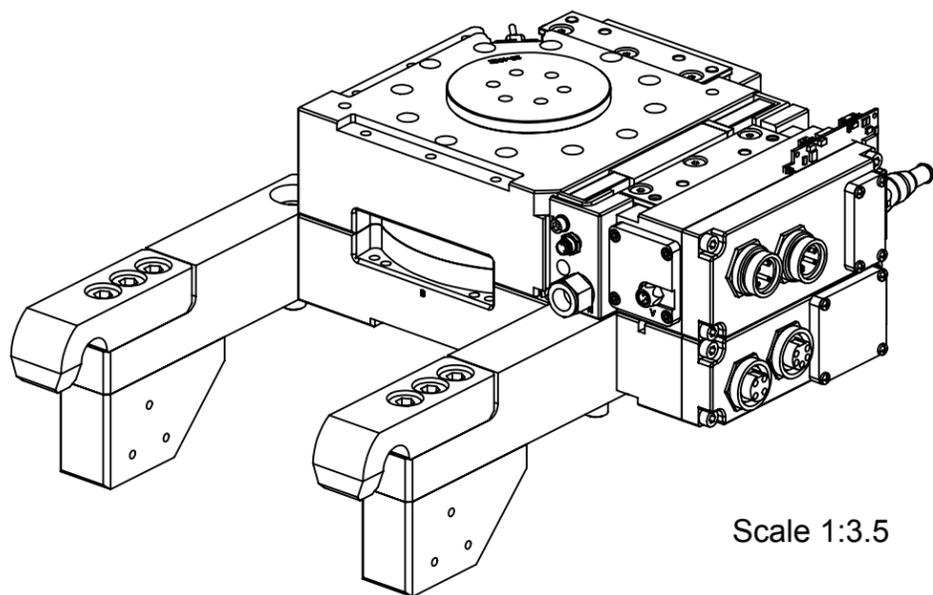


**Master Side
(projection only)**

Part Numbers:
 (A) Master: 9121-210BM-JF2DA2-0-0-AM2-SM Approx Wt: 7.3 kg (16.2 lbs)
 (B) Tool: 9121-210CT-NA2DA2-0-NA3-AM2 Approx Wt: 8.7 kg (19.2 lbs)

- Notes:**
- 1) The DeviceNet Modules come with Standard "Mini-Style" Connectors, 4-Pin for Auxiliary Power and 5-Pin for Bus Communications. Refer to customer drawings of the DeviceNet modules for specific connector wiring information.
 - 2) The AM2 master and tool modules have (2) G1/2 checked ports.
 - 3) SM on master part number indicates PNP lock/unlock & ready-to-lock sensors with LED cables.
 - 4) Tool cover must be removed to utilize full depth of this customer interface feature. With tool cover in place usable feature depth is 2.0mm.
 - 5) NA2/NA3 Tool Hook modules require 9121-TSL-IP-5640 or similar. See sheet 2, drawing 9230-20-2801 or 9230-20-3063 and TSL manual for Tool Hooks/Tool Stand dimensions and mounting information.

Master Note:
 Sensor input and valve cables not shown for clarity.



Scale 1:3.5

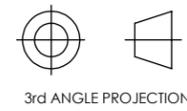
NOTES: UNLESS OTHERWISE SPECIFIED
 DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS.
 ALL DIMENSIONS ARE IN MILLIMETERS.



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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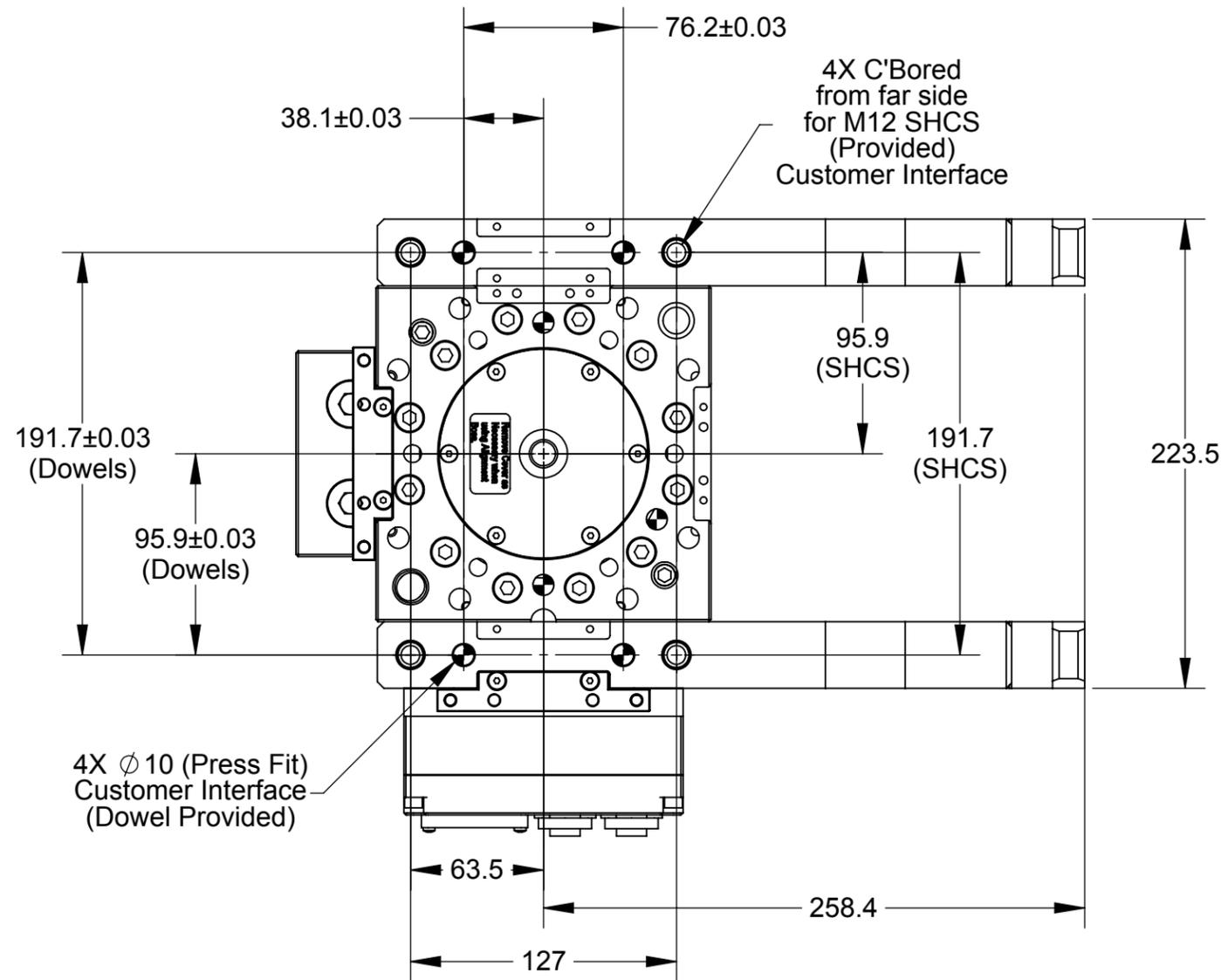
DRAWN BY: D. Swanson 1/7/13		TITLE		
CHECKED BY: D. Wagner 1/8/13		QC-210BM/CT, JF2/NA2, DA2, 0, 0/NA3, AM2, SM		
WEIGHT LBS: -	SCALE 1:3	SIZE B	DRAWING NUMBER 9230-20-3980	REVISION 01
ASSEMBLY REF:	PRODUCT RELEASE #	DATE:	SHEET 1 OF 2	



3rd ANGLE PROJECTION

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

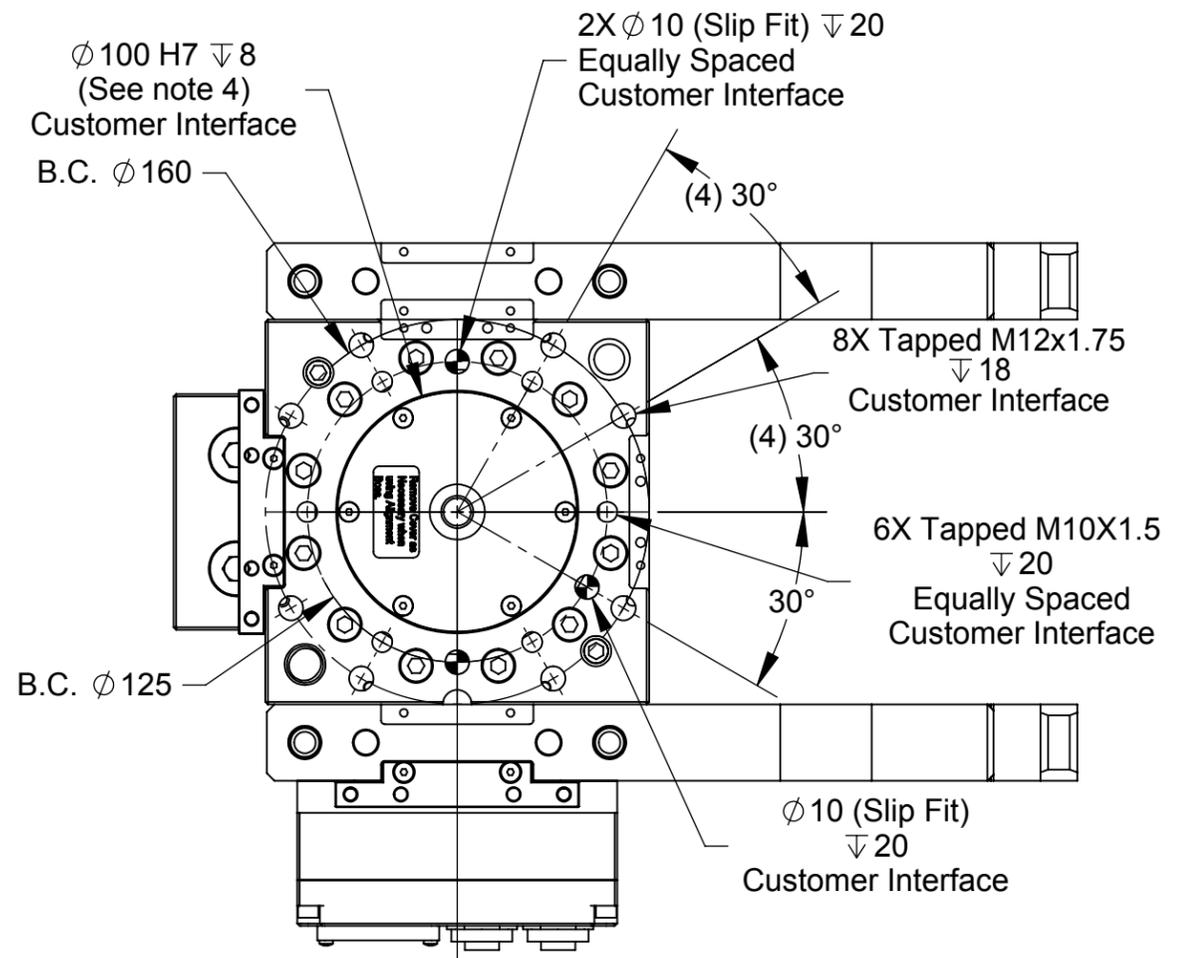
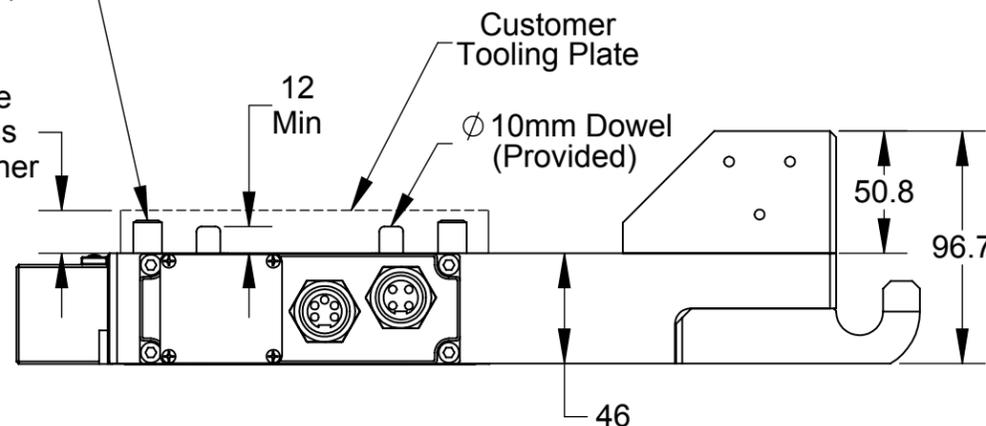
Required Tool Hook Mounting Features



**Tool Side
(projection only)**

M12 X 1.75 SHCS
(Provided)

17.8
Min Plate
Thickness
and Fastener
Depth

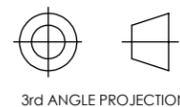


**Tool Side
(projection only)**

Notes(continued):

- 6) NA2 / NA3 Hook modules requires use of 9121-TSL-IP-5640 or similar. This sheet shows alternative mounting method of direct mount to customer tool. Customer tool to have mounting pattern for QC-210 Tool and NA2 / NA3 Hooks.
- 7) Arrangement shown engages with 9120-TSL-CMH-C500 or similar. See TSL manual 9610-20-1058 or www.ati-ia.com for more information.

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Fax: +1.919.772.8259 www.ati-ia.com
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DRAWN BY: D. Swanson 1/7/13	TITLE QC-210BM/CT, JF2/NA2, DA2, 0, 0/NA3, AM2, SM			REVISION 01
CHECKED BY: D. Wagner 1/8/13	SCALE 1:3	SIZE B	DRAWING NUMBER 9230-20-3980	
WEIGHT LBS: -	PRODUCT RELEASE #	DATE:	SHEET 2 OF 2	
ASSEMBLY REF:				