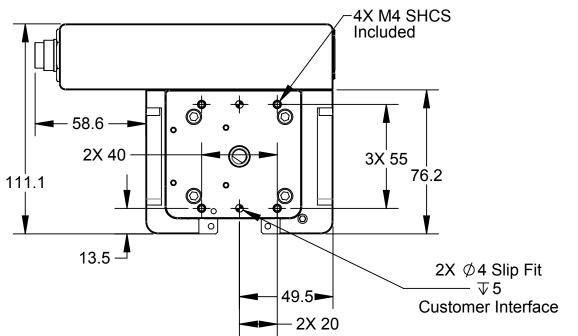


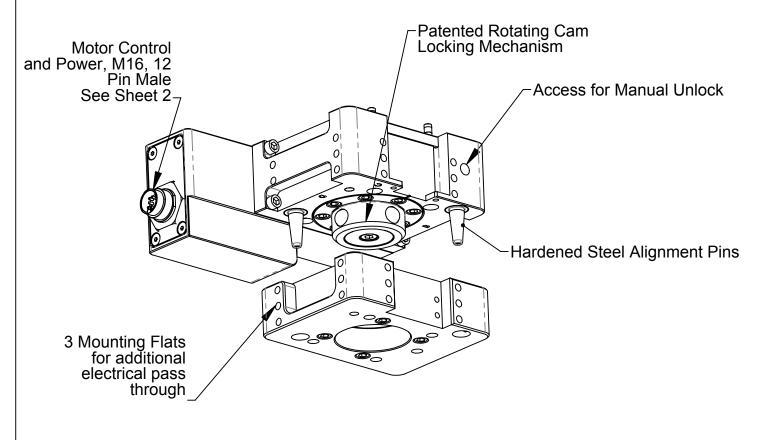
Date Eco 14784; Changed connector from female 1510-2313028-12 to male 1510-1313031-12 on lower level assembly 9000-20-1378. 02 8/19/16



## **TOOL SIDE MOUNTING FACE**

#### SIDE VIEW UNCOUPLED

#### **MASTER SIDE MOUNTING FACE**



### Notes:

- Rated Payload Capacity: 18kg
   Lock, Unlock, and RTL sensing included. Features 3 wire, PNP DC Proximity sensors. RTL is pass through.
   ATI Motor Controller is integrated into motor housing.
   Motor is 24V DC Brushless Servo with hall sensor feedback.
   Additional Motor options available.

ITE	M NO.	QTY	PART NUMBER	DESCRIPTION			
	1	1	9120-018M-2387-0-0-0-SG2	QC-18 Master Assy, w/ 24VDC Motor Module 2387, Integrated Controls, PNP DC Sensors, M5 RTL			
	2	1	9120-018T-0-0-0	QC-18 Tool Base Assembly			
	NOTES: UNLESS OTHERWISE SPECIFIED.			1031 Goodworth Drive, Apex, NC 27539, USA Tel: +1.919.772.0115 Email: info@ati-ia.com			
ALL D	IOT SCALE D DIMENSIONS METERS.		INDUSTRIAL Fax: +1.919.772.8259 www.ati-ia.com ISO 9001 Registered Company				
						ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN A CEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF AT	
			DRAWN BY: Dan Norton 6/12/16	TITLE			
			CHECKED BY: B. Kendrick 6/15/16	QC-18 With 2387 Motor Module			
	$(\bigcirc)$		-	SCALE	SIZE   DRAWII	NG NUMBER	REVISION
	3rd ANG	LE PROJECTIO	PROJECT # 120424-3 SHEET 1 OF 4	1:2		0-20-018	02

# QC-18 2387 CONTROLLER DETAIL

Description Date See Sheet1

Alignment Pin

Motor Module 2387

With Integrated Control

-9120-018 Master Side Electric Tool Changer Coupling Face

Customer Cable:
Turck # BKM 12-967
Cable length to be determined, Pigtail
Connection on Customer End
ATI # 9120-C-0921112-U-00-1

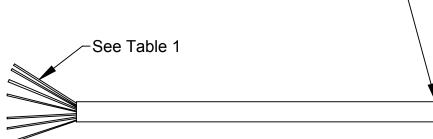


TABLE 1: **Customer Cable Pigtail Connections:** 

Signal Name	Wire Color
Latch	Black
Unlatch	Orange
RTL	Blue
US1	Violet
US2	Red
US1_GND	Yellow
US2_GND	Green
Locked	White
Unlocked	Tan
No Connect	Brown
No Connect	Gray
No Connect	Pink

**Customer Cable** Connector: Turck # BSFD 12 12 Pin Male Receptacle-



Alignment Pin-

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QC-18 With 2387 Motor Module

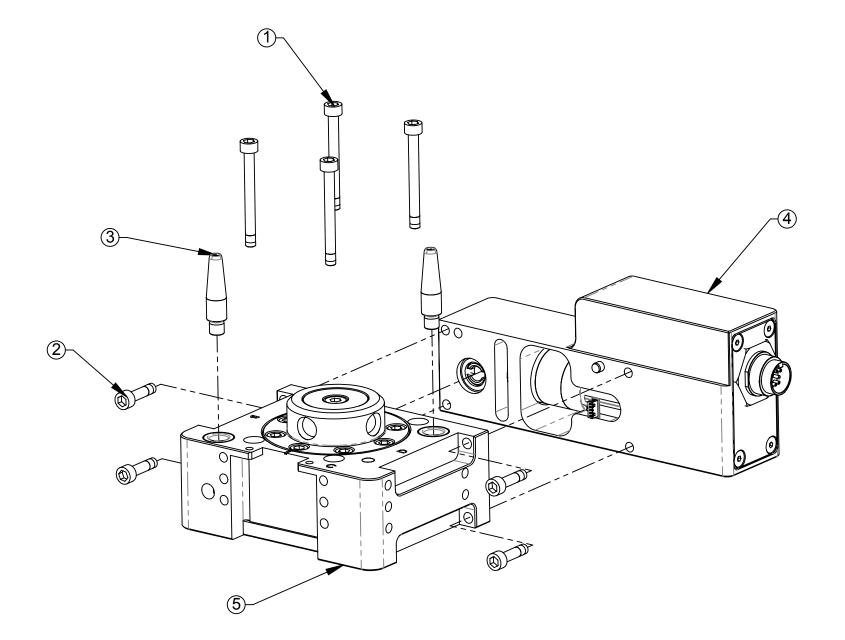
SCALE PROJECT # 120424-3 SHEET 2 OF 4 1:2

В

DRAWING NUMBER 9630-20-018 REVISION 02

3rd ANGLE PROJECTION

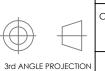
Rev.	Description	Initiator	Date
-	See Sheet1	-	-



# QC-18 Master

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QC-18 With 2387 Motor Module

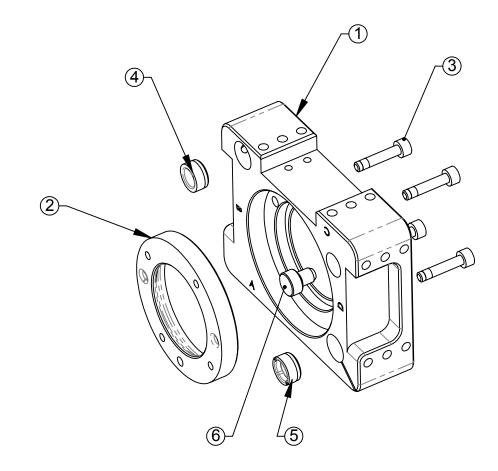
PROJECT # 120424-3 SHEET 3 OF 4

1:1.5 B 9630-20-0

DRAWING NUMBER 9630-20-018 REVISION

02

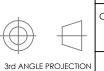
Rev.	Description	Initiator	Date
-	See Sheet1	-	-



QC-18 Tool

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QC-18 With 2387 Motor Module

PROJECT # 120424-3 SHEET 4 OF 4

DRAWING NUMBER 1:1.5 B 9630-20-018 REVISION

02