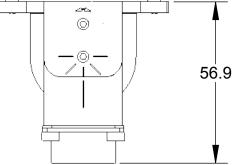


Ν	otes:	

- 1. The master and tool modules have (5) position options which can be adjusted as required.
- 2. WARNING: The modules must be secured/Locked in a position prior to operation, otherwise internal damage to conductors will occur.

NOTES: UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS. INDUSTRIAL AUTOMATION ALL DIMENSIONS ARE IN MILLIMETERS. 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: J. Williams 11/5/07 TITLE CHECKED BY: D. Lawson 11/2/07 SCALE WEIGHT LBS: 0.19 3:4 3rd ANGLE PROJECTION ASSEMBLY REF: PRODUC

Description	Initiator	Date
Initial Issue	JEW	11/13/07
d Pin out on Amp. Connector		11/21/2007
Connector Label on Wiring Dia.	JEW	9/18/2008
G19 Tool Module (9120-G19-T)		
<u> </u>		



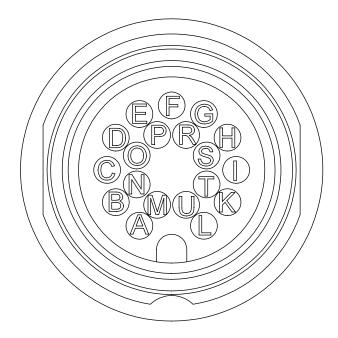
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GF19R Master with G19 Tool Module Drawing

LE	size	DRAWING NUMBER
4	B	9630-20-GF19RM G19T-03
CT RELE	ASE # 071101-1	DATE: SHEET 1 OF 2

-

Master Side Connector



(03)Turck BSFD 19 Amphenol Lock/Unlock Cables Male Connector PTO2E-14-19S A ----- A -- >>-B ---- >>. B Unlock Signal (Black) C No Connect С 10-30 VDC (2-Brown) --D No Connect D F F --- >>---F G G H No Connect 0 VDC (2-Blue) н . .1 Lock (Black) -K No Connect M ---- >>---M ----- >>------ N ----- >>---------- >>--------- R ---- >>------- S -- >>------ >>----0 -- >>---GROUND

Turck BSFD 19 Male Receptacle Scale 4:1

Notes;

- Pin "O" is first to mate last to break at the tool changer interface. This pin is recommended for use as a ground.
 Customer must supply 10-30 VDC on Master Pin "D", 0VDC on Pin "H".
 Lock/Unlock signals will be returned on master connector pin "K" & "C"

- Lock/Onlock signals will be returned on master connector pint K & C respectively.
 DANGER! -For electrical modules using >60 VDC 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.

NOTES: UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS. INDUSTRIAL AUTOMATION ALL DIMENSIONS ARE IN MILLIMETERS. TITLE DRAWN BY: J. Williams 11/5/07 CHECKED BY: D. Lawson 11/2/07 SCALE WEIGHT LBS: 0.19 3:4 3rd ANGLE PROJECTION ASSEMBLY REF: PRODUC

See Sheell - Tool Side Connector Image: Connector Image: Connector <th>Description</th> <th>Initiator</th> <th>Date</th>	Description	Initiator	Date
Connector Image: Connector	See Sheet1	-	-
Amphenol PTO2E-14-19S	Connecto		
	Amphenol PTO2E-14-19S		
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	1031 Goodworth Tel: +1.919.772. Fax: +1.919.772 ISO 9001 Regis	h Drive, Apex, NC 27 0115 Email: info@ 2.8259 www.ati-ia. tered Company	7539, USA @ati-ia.com com

LE	SIZE	DRAWING NUMBER
4	В	9630-20-GF19RM G19T-03
CT RELEASE # 071101-1 DATE: SHEET 2 OF 2		