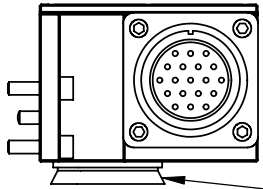
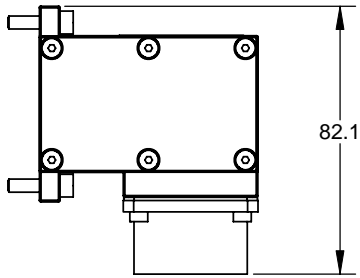
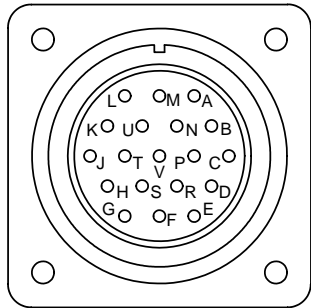


**MT14A Master Module
(9120-MT14A-M)**

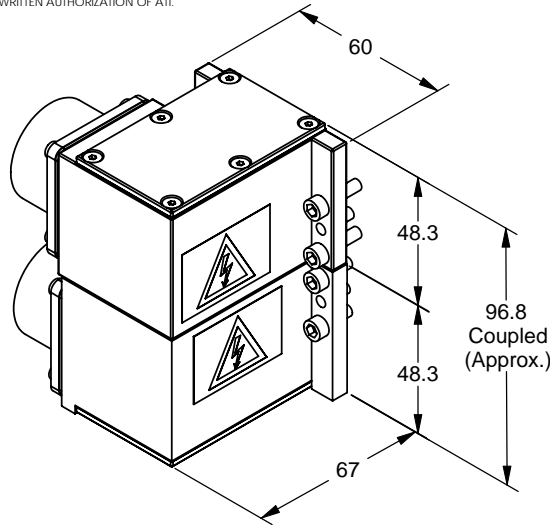


Serviceable Part:
(V-Ring)
4010-0000041-01



**MS3102E22-14P
Male Connector**

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC.
NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON
ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

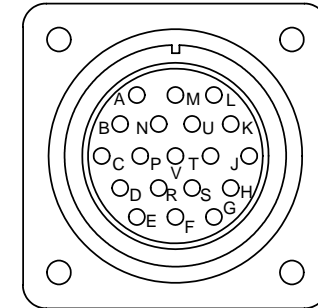
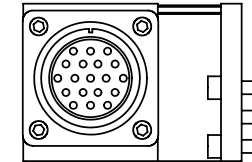
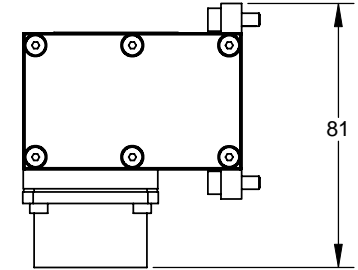


Pin Out

MT14A Master MS3102E22-14P Male Connector		MT14 Tool MS3102E22-14S Female Connector
A	----->	A
B	----->	B
C	----->	C
D	----->	D
E	----->	E
F	----->	F
G	----->	G
H	----->	H
J	----->	J
K	----->	K
L	----->	L
M	----->	M
N	----->	N (See Note 2)
P	----->	P

R Not Used
S Not Used
T Not Used
U Not Used
V Not Used

**MT14 Tool Module
(9120-MT14-T)**

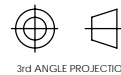


**MS3102E22-14S
Female Connector**

Rev.	Description	Initiator	Date
03	ECO# 5690 Updated tool side and added "Danger" note.	PS	8/16/2007

- Notes:**
1. Large views of connectors are 1.5:1 scale.
 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. **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.
ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



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ISO 9001 Registered Company

DRAWN BY: D. Swanson 12/31/04	TITLE: MT14A-M to MT14-T Module Drawing		
CHECKED BY: J. Snape 1/3/05	SCALE: 1:1.5	SIZE: B	DRAWING NUMBER: 9630-20-MT14A-M MT14-T-03
WEIGHT LBS: 1.11	PRODUCT RELEASE # 040329-1 DATE: SHEET 1 OF 1		
ASSEMBLY REF:			