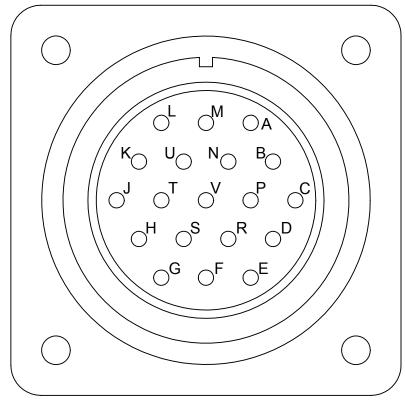
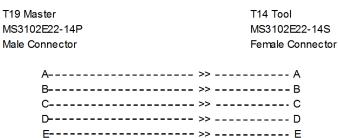


Initiator	Date
KLP	11/6/2006
CDM	12/27/2007
	KLP

LE	SIZE	DRAWING NUMBER
1	B	9630-20-T19M T14T-04
CT RELE	ASE # 030725-3	3 DATE: SHEET 1 OF 2

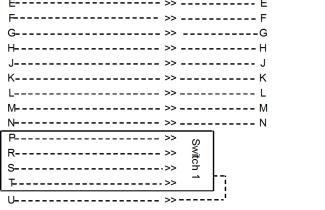
T19-M Master Side (MS3102E22-14P)



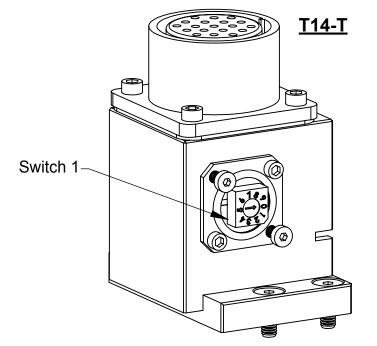


T19 to T14 Pin Out

T19 Master



V----- V (See Note 2)

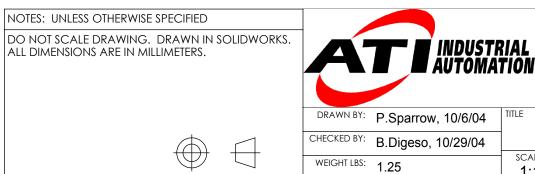


Note:

- Large views of connectors are 2.5:1 scale.
 Pin "V" on the amphenol connectors is First-to-mate Last-to-break at the Tool Changer interface. This pin is recommended for use as ground.

Signal Legend Pin V: 0 VDC (recommended) Pin U: 5-50 VDC 100mA Max (Tool ID)

Switch Selection
0
1
2
3
4
5
6
7
8
9



ASSEMBLY REF:

3rd ANGLE PROJECTION

Description	Initiator	Date
Description	Initiator	
See Sheet1	-	-
T14-T Tool Side (MS3102E22-	14S)	
A M B N U	(L)	
E F	G	

Binary Output of Tool ID

Pin	Pin	Pin	Pin
Р	S	R	Т
0	0	0	0
0	0	0	1
0	0	1	0
0	0	1	1
0	1	0	0
0	1	0	1
0	1	1	0
0	1	1	1
1	0	0	0
1	0	0	1

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130 900 TRegistered Company		
T19-M with T14-T Module Drawing		
SCALE 1:1	SIZE B	DRAWING NUMBER 9630-20-T19M T14T-04
PRODUCT RELEASE # 030725-3 DATE: SHEET 2 OF 2		