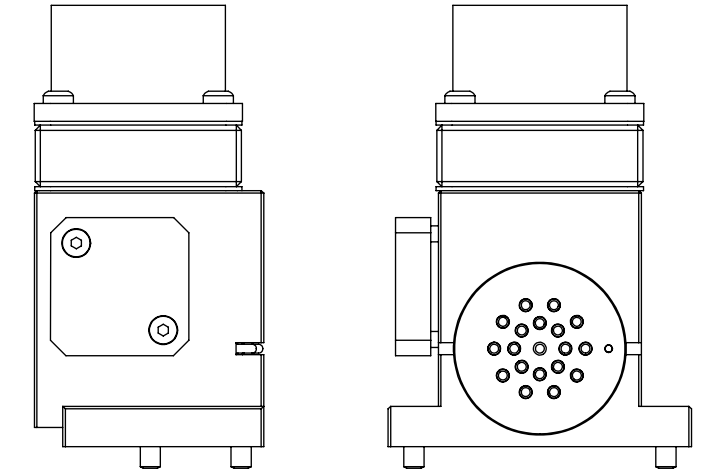
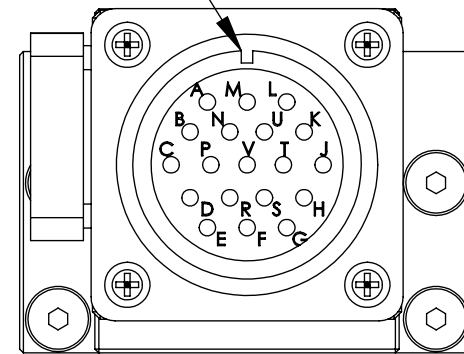


Notes:

- Wire & Heat Shrink Tube Part Numbers are on Sheet 2. Use 9505-0000001-00 High Temperature Solder.
- Refer to Work Instruction for assembly and filling (potting) instructions.
- Use $\varnothing 1/16$ dowel pin for alignment of pin block with the housing.
- Install all Contact Pins in Connector even if No Wires are attached (Plug all Connector Holes)
- If mounting to QC, refer to Work Instruction. If module is to be placed in inventory, bag dry loose fasteners.

Rev.	Description	Initiator	Date
09	Eco 8121; Changed 26 AWG wires to 24 AWG. Changed fastener 3500-1262012-15 to -15A. Setscrew Torque was 48 in-oz. Added "Insert unused Crimp Pins to avoid leaks when Potting" note to Sheets 1 & 2.	CF	11/3/2010
10	Eco 10018; Replaced Pin Block Discrete Parts with Pin Block Assembly 9005-20-2036. Change torque on M3 setscrew from 24 in-oz to "Make Contact plus 1/4 Turn". Removed dimensions from print. Added wire lengths to wiring chart. Updated drawing to current standards.	CF	8/6/2012
11	ECO 10451; Chg: Potting View...Silicone, Potting; RTV...was Dispense DP270 potting material inside the module until the unit is full to within approx. 1/8" of housing opening.	JDB	01/10/2013
12	Eco 12531; Removed callout "Make Contact + 1/4 Turn" from item 10, added 24 in-oz. Updated title block.	DS	9/9/2014

Key Orientation



Scale 2: 3

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	1000-2001001	Tool ID PCB, High-Temp
2	1	1510-2313002-19	Panel Mount Conn., Circ. OST Shell Size 22, 19 Female Contacts, EP, High-Temp Conn.
3	8	1530-2221004-32	Contact Socket
4	4	1590-1225000-02	JUMPER, MILLMAX999-11-110-90-000
5	2	3410-0001115-01	Viton 15mm ID X 2mm O-ring
6	4	3500-0558022-12	M3 x 22 PAN HEAD PHILLIPS
7	2	3500-1056006-21	M2.5 X 6 SHCS
8	2	3500-1058010-23	Low Head 3x10 SHCS SST
9	4	3500-1262012-15A	M4 x 12mm SFHCS, Blue Dyed Magni-565 w/Microspheres
10	1	3500-1958005-21	M3 X 5 Set screw S.S.
11	1	3540-0101062-21	1/16 Dowel Pin S.S.
12	1	3700-20-1575	Tool ID Aluminum Cover
13	2	3700-20-1576	Viton Gasket for Connector Shell Size 22
14	1	3700-20-2252	T19 Connector Spacer
15	1	3700-20-4700	T14-T-V Tool Housing
16	1	9005-20-2036	19 Tool, Rulon Grade RL (Red) Pin Block Sub-Assembly

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN INCHES.



3rd ANGLE PROJECTION



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

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.Snape, 2/13/01		TITLE	
CHECKED BY: DKL, 2/15/01		T14-T-V High-Temp Module, Viton Seals, Potted	
PROJECT # 010123-1 SHEET 1 OF 3	SCALE 1:1	SIZE B	DRAWING NUMBER 9120-T14-T-V
			REVISION 12

24 AWG Teflon Wire Part Number & Color

7500-2401901-23	black
7500-2401901-24	brown
7500-2401901-25	red
7500-2401901-26	orange
7500-2401901-27	yellow
7500-2401901-28	green
7500-2401901-29	blue
7500-2401901-30	violet
7500-2401901-31	gray
7500-2401901-32	white

24 AWG Teflon Wire Part Number & Color

7500-2401901-14	white/black
7500-2401901-15	white/red
7500-2401901-16	white/green
7500-2401901-17	white/yellow
7500-2401901-18	white/blue
7500-2401901-19	white/brown
7500-2401901-20	white/orange
7500-2401901-21	white/gray
7500-2401901-22	white/violet

Ø 3/32 Teflon Heat Shrink Tubing Part Number
7700-0060601-55

Wire Length 3 1/2" on all wires except Pins P,R,S,T & U

TOOL PIN OUT

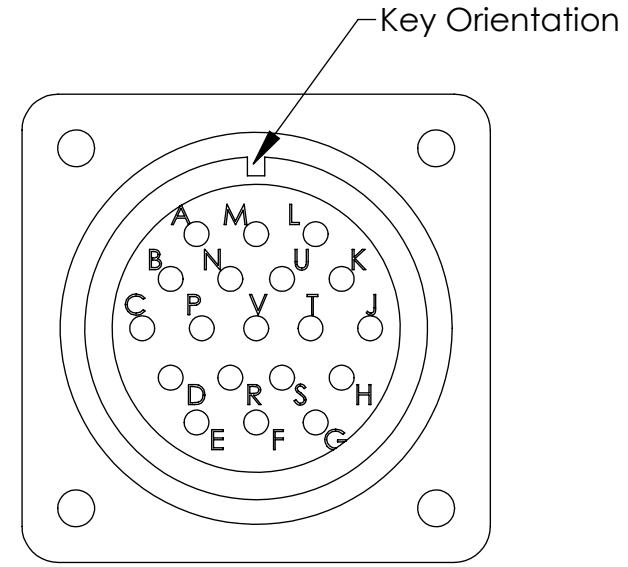
Panel Mount Hi-Temp Connector 19 Female Contacts	wire	T19 PIN
A	black	A
B	wht/violet	B
C	orange	C
D	brown	D
E	yellow	E
F	red	F
G	gray	G
H	blue	H
J	violet	J
K	white	K
L	wht/yellow	L
M	wht/green	M
N	wht/red	N
V	green	V
P	wht/black	P
R	wht/brown	R
S	wht/gray	S
T	wht/orange	T
U	wht/blue	U

No Connect {
P
R
S
T
U

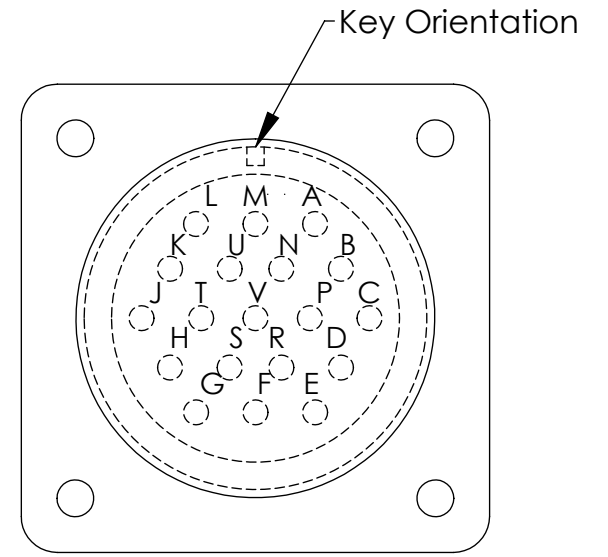
Cut wires 2 1/2"

Note: Insert unused Crimp Pins to avoid leaks when Potting.

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

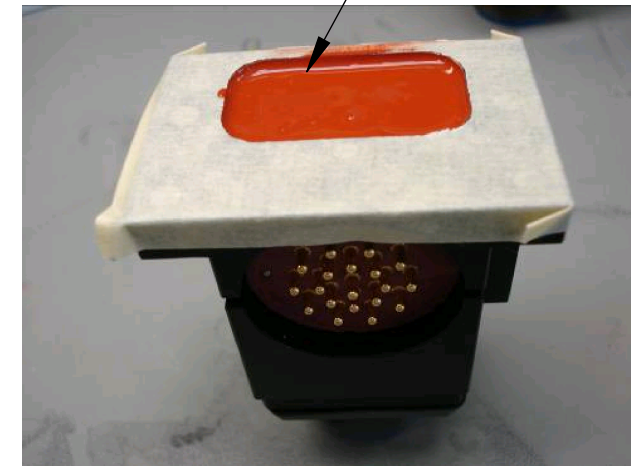


Face View
Panel Mount Hi-Temp Connector
19 Female Contacts
1510-2313002-19



Solder View
Panel Mount Hi-Temp Connector
19 Female Contacts
1510-2313002-19

Silicone, Potting: RTV60 Silicone Rubber,
Momentive Performance Material
(Exp DT on PRD LBL) 9500-0000001-00

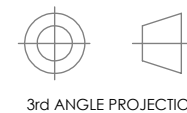


Potting View

1000-2001001
Tool ID PCB

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN INCHES.



3rd ANGLE PROJECTION



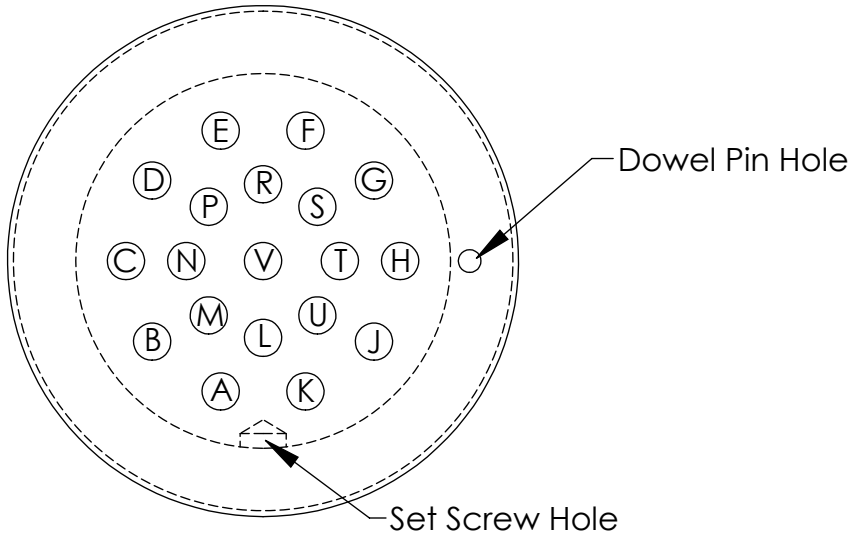
1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 Email: info@ati-ia.com
Fax: +1.919.772.8259 www.ati-ia.com
ISO 9001 Registered Company

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

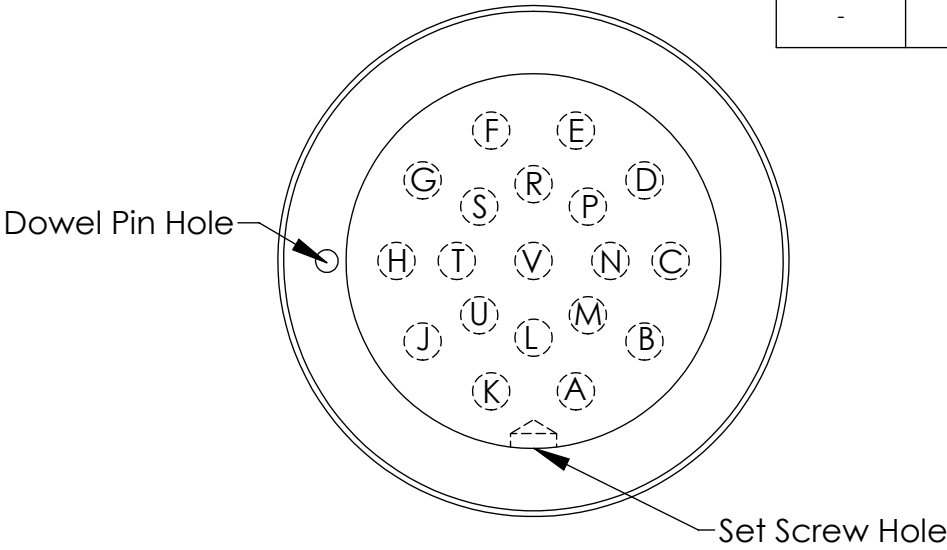
DRAWN BY: J.Snape, 2/13/01		TITLE	
CHECKED BY: DKL, 2/15/01		T14-T-V High-Temp Module, Viton Seals, Potted	
PROJECT # 010123-1	SHEET 2 OF 3	SCALE 1:1	SIZE B
		DRAWING NUMBER 9120-T14-T-V	REVISION 12

Notes:
Refer to Sheet 1 for Wiring Instructions and BOM.

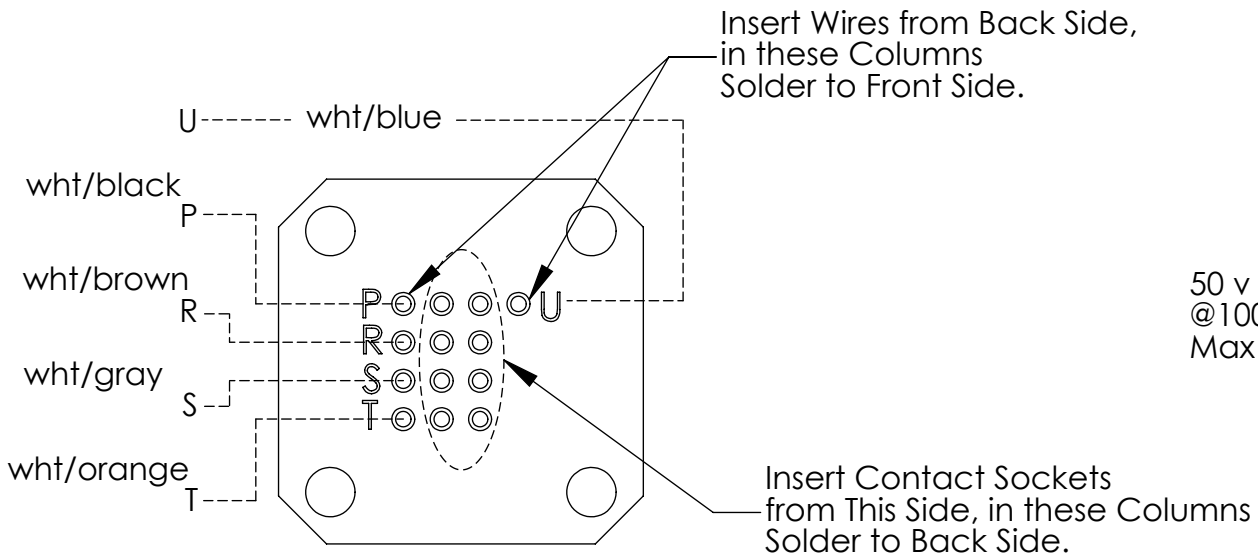
Rev.	Description	Initiator	Date
-	See Sheet1	-	-



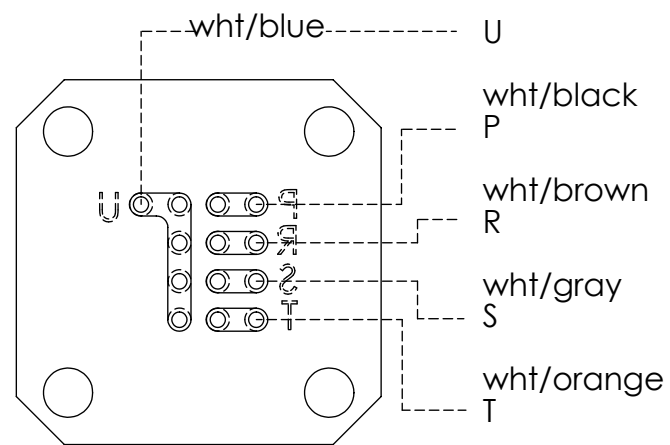
Face View
T19 Tool Electrical Cylinder Block
Rulon LR (Red)
9005-20-2036



Solder View
T19 Tool Electrical Cylinder Block
Rulon LR (Red)
9005-20-2036



Face View
Tool ID PCB
1000-2001001



Solder Side
Tool ID PCB
1000-2001001

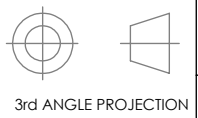
50 v dc
@100ma
Max

Binary ID	*Jumper Installed Pin U to...			
	Pin P	Pin S	Pin R	Pin T
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

"Truth Table"
Tool ID Jumpers
(16 unique settings)
(Customer & Inspection Use)

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN INCHES.



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

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.Snape, 2/13/01		TITLE	
CHECKED BY: DKL, 2/15/01		T14-T-V High-Temp Module, Viton Seals, Potted	
PROJECT # 010123-1	SHEET 3 OF 3	SCALE 1:1	SIZE B
DRAWING NUMBER 9120-T14-T-V		REVISION 12	