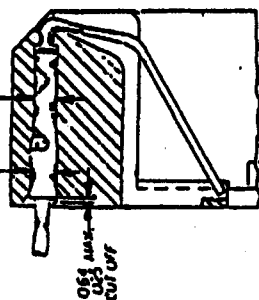
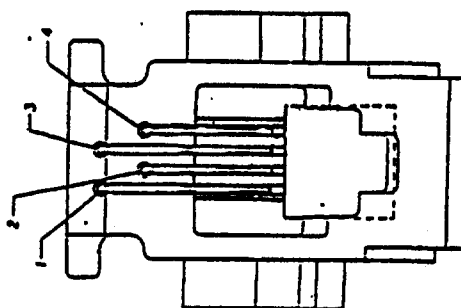


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**UNIVERSITY OF**

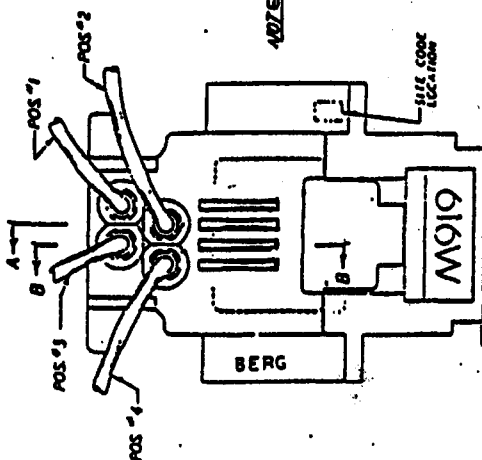
FROM AND TO SECTION 8-B



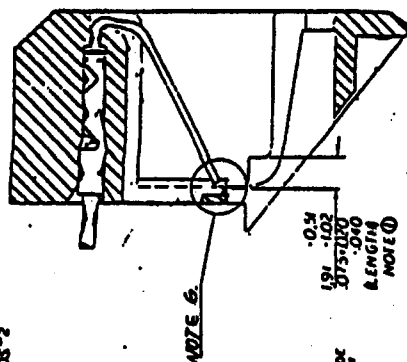
① FOR VISUAL, MECHANICAL AND FUNCTIONAL REQUIREMENTS SEE SPECIFICATION BUS-19-73.

3. TEAM MATL: 3/4 HARD  
BRASS AWAY, UNS-C26000,  
PREPARED - ONE 1/2" X 3" TOL-LESS

(五)



**SECTION A-A**

[illegible]

|                                                                                                  |  |                                           |  |
|--------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|
| PRODUCT NO.<br><b>68974</b>                                                                      |  | REVISION<br>REV. A<br>DESCRIPTION<br>DATE |  |
| (Note 1) (Note 2) (Note 3) (Note 4)<br>HOUSING TERMINAL Gold wire<br>P/S & Color PLATING PLATING |  |                                           |  |

| PRODUCT NO | POS. NO | COLOR  | LEAD LNGTH DIM. "L" | FINISH ON END OF WIRE | INS. STRIP DIM. X | INS. WIRE NO | HOUSING TERMINAL P/S & Color | PLATING PLATING        |
|------------|---------|--------|---------------------|-----------------------|-------------------|--------------|------------------------------|------------------------|
| 68974-001  | 1       | RED    | 82.55/3.25          | CUT & STRIP           | 5.08/.20          | 301025-003   | 65883-005                    | PLATED 0.75µm/30µ"     |
|            | 2       | WHITE  | 234.95/9.25         |                       |                   | -004         |                              |                        |
|            | 3       | GREEN  | 234.95/9.25         |                       |                   | -005         |                              |                        |
|            | 4       | BLACK  | 82.55/3.25          |                       |                   | -002         |                              |                        |
| 68974-002  | 1       | RED    | 100.00/3.94         |                       |                   | -003         |                              |                        |
|            | 2       | WHITE  |                     |                       |                   | -004         |                              |                        |
|            | 3       | GREEN  |                     |                       |                   | -005         |                              |                        |
|            | 4       | BLACK  | 100.00/3.94         |                       |                   | -002         |                              |                        |
| 68974-003  | 1       | YELLOW | 150.00/5.90         | CUT & STRIP           | 5.08/.20          | 301025-001   | 65883-005                    | 0.75µm/30µ"            |
|            | 2       | GREEN  | 180.00/7.09         |                       |                   | -005         |                              |                        |
|            | 3       | RED    | 180.00/7.09         |                       |                   | -003         |                              |                        |
|            | 4       | BLACK  | 150.00/5.90         |                       |                   | -002         |                              |                        |
| 68974-004  | 1       | RED    | 82.55/3.25          | CUT & STRIP           | 5.08/.20          | 301025-003   | 65883-005                    | 0.375µm/15µ"           |
|            | 2       | WHITE  | 234.95/9.25         |                       |                   | -004         |                              |                        |
|            | 3       | GREEN  | 234.95/9.25         |                       |                   | -005         |                              |                        |
|            | 4       | BLACK  | 82.55/3.25          |                       |                   | -002         |                              |                        |
| 68974-005  | 1       | RED    | 88.90/3.50          | CUT & STRIP           | 3.00/.12          | 301025-003   | 65883-005                    | PLATED 0.75µm/30µ"     |
|            | 2       | WHITE  | 181.60/7.15         |                       |                   | -004         |                              |                        |
|            | 3       | GREEN  | 181.60/7.15         |                       |                   | -005         |                              |                        |
|            | 4       | BLACK  | 88.90/3.50          |                       |                   | -002         |                              |                        |
| 68974-006  | 1       | RED    | 82.55/3.25          | CUT & STRIP           | 4.00/.16          | 301025-003   | 65883-005                    | NON-PLATED 0.75µm/30µ" |
|            | 2       | WHITE  | 234.95/9.25         |                       |                   | -004         |                              |                        |
|            | 3       | GREEN  | 234.95/9.25         |                       |                   | -005         |                              |                        |
|            | 4       | BLACK  | 82.55/3.25          |                       |                   | -002         |                              |                        |

|                                          |  |            |  |
|------------------------------------------|--|------------|--|
| CUSTOMER COPY<br>DATE                    |  | FCJ        |  |
| TITLE<br><b>616W SPADELESS M/J ASS'Y</b> |  | SHEET 2 OF |  |
| SIZE<br><b>UNUS NO. 68974</b>            |  | B          |  |

| PRODUCT NO                                |          | REVISIONS   |                       |                              |                         |                             |                                    |                                 |                                  |    |      |
|-------------------------------------------|----------|-------------|-----------------------|------------------------------|-------------------------|-----------------------------|------------------------------------|---------------------------------|----------------------------------|----|------|
| 68974                                     |          | DESCRIPTION |                       |                              |                         |                             |                                    |                                 |                                  | BY | DATE |
|                                           |          |             |                       |                              |                         |                             |                                    |                                 |                                  | A  |      |
| PRODUCT NO                                | POS. NO. | COLOR       | LEAD LNTH<br>DIM. "L" | FINISH. ON<br>END OF<br>WIRE | INS.<br>STRIP<br>DIM. X | (NOTE 5)<br>INS. WIRE<br>NO | (NOTE 2)<br>HOUSING<br>P/S & COLOR | (NOTE 3)<br>TERMINAL<br>PLATING | (NOTE 4)<br>GOLD WIRE<br>PLATING |    |      |
| 68974-007                                 | 1        | RED         | 82.55/3.25            | CUT & STRIP                  | 3.00/.12                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | WHITE       | 234.95/9.25           |                              |                         | -004                        |                                    |                                 |                                  |    |      |
|                                           | 3        | GREEN       | 234.95/9.25           |                              |                         | -005                        | 65883-005                          | Non-plated                      | 0.75µm/30µ"                      |    |      |
|                                           | 4        | BLACK       | 82.55/3.25            | CUT & STRIP                  | 3.00/.12                | 301025-002                  | L/GRAY                             |                                 |                                  |    |      |
| 68974-008<br>HSA 2-113277<br>1, 3, 6-1013 | 1        | RED         | 53.00/2.09            | CUT & STRIP                  | 6.00/.24                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | WHITE       | 203.00/7.99           |                              |                         | -004                        |                                    |                                 |                                  |    |      |
|                                           | 3        | GREEN       | 203.00/7.99           |                              |                         | -005                        | SK11521-001                        | Plated                          | 0.75µm/30µ"                      |    |      |
|                                           | 4        | BLACK       | 53.00/2.09            | CUT & STRIP                  | 6.00/.24                | 301025-002                  | Beige                              |                                 |                                  |    |      |
| 68974-009                                 | 1        | RED         | 85.60/3.37            | CUT & STRIP                  | 4.30/.17                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | WHITE       | 218.95/8.62           |                              |                         | -004                        | 65883-005                          |                                 | 1.27µm/50µ"                      |    |      |
|                                           | 3        | GREEN       | 218.95/8.62           |                              |                         | -005                        | L/GRAY                             |                                 |                                  |    |      |
|                                           | 4        | BLACK       | 85.60/3.37            | CUT & STRIP                  | 4.30/.17                | 301025-002                  |                                    |                                 |                                  |    |      |
| 68974-010                                 | 1        | RED         | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | WHITE       | 177.80/7.00           |                              |                         | -004                        | 65883-005                          |                                 | 0.75µm/30µ"                      |    |      |
|                                           | 3        | GREEN       | 177.80/7.00           |                              |                         | -005                        | L/GRAY                             |                                 |                                  |    |      |
|                                           | 4        | BLACK       | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-002                  |                                    |                                 |                                  |    |      |
| 68974-011                                 | 1        | RED         | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | BLACK       | 127.00/5.00           |                              |                         | -002                        | 65883-005                          |                                 | 0.75µm/30µ"                      |    |      |
|                                           | 3        | WHITE       | 127.00/5.00           |                              |                         | -004                        | L/GRAY                             |                                 |                                  |    |      |
|                                           | 4        | GREEN       | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-005                  |                                    |                                 |                                  |    |      |
| 68974-012                                 | 1        | RED         | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-003                  |                                    |                                 |                                  |    |      |
|                                           | 2        | WHITE       | 234.95/9.25           |                              |                         | -004                        | 65883-005                          | Plated                          | 1.27µm/50µ"                      |    |      |
|                                           | 3        | GREEN       | 234.95/9.25           |                              |                         | -005                        | L/GRAY                             |                                 |                                  |    |      |
|                                           | 4        | BLACK       | 82.60/3.25            | CUT & STRIP                  | 5.08/.20                | 301025-002                  |                                    |                                 |                                  |    |      |

|                               |  |                         |  |                                      |  |            |  |
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|                               |  |                         |  |                                      |  |            |  |
| NEXT ASSY                     |  | USED ON                 |  | INCH                                 |  | MM         |  |
|                               |  |                         |  |                                      |  |            |  |
| APPLICATION                   |  | DO NOT SCALE<br>DRAWING |  | TOLERANCES UNLESS<br>OTHERWISE NOTED |  | INCH       |  |
|                               |  |                         |  | LINEAR                               |  | MM         |  |
| TITLE 616W SPADELESS M/J ASSY |  | IMPROVABLE PROTECTION   |  | RADI                                 |  | ANGLES     |  |
|                               |  |                         |  |                                      |  |            |  |
| SCALE SIZE                    |  | B                       |  | 68974                                |  | SHEET 3 OF |  |
|                               |  |                         |  |                                      |  |            |  |
| FCI                           |  | DRAWING NO              |  | 5/2/96                               |  |            |  |
|                               |  |                         |  |                                      |  |            |  |

PRODUCT NO  
**68974**

INSTRUCTIONS TO AP  
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DESCRIPTION  
BY  
DATE

| PRODUCT NO                        | POS. NO. | COLOR | LEAD LGTH<br>DIM. "L" | FINISH ON<br>END OF<br>WIRE | INS.<br>STRIP<br>DIM. X | (NOTE 5)<br>INS. WIRE<br>NO | (NOTE 2)<br>HOUSING<br>P/S & COLOR | (NOTE 3)<br>TERMINAL<br>PLATING | (NOTE 4)<br>GOLD WIRE<br>PLATING |
|-----------------------------------|----------|-------|-----------------------|-----------------------------|-------------------------|-----------------------------|------------------------------------|---------------------------------|----------------------------------|
| 68974-013<br><i>154 1/2 00874</i> | 1        | RED   | 53.00/2.09            | CUT & STRIP                 | 6.00/.24                | 301025-003                  |                                    |                                 |                                  |
|                                   | 2        | WHITE | 203.00/7.99           |                             |                         | -004                        |                                    |                                 |                                  |
|                                   | 3        | GREEN | 203.00/7.99           |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 53.00/2.09            | CUT & STRIP                 | 6.00/.24                | 301025-002                  | SK11521<br>BLACK                   | PLATED                          | 0.75µm/30µ"                      |
| 68974-014                         | 1        | RED   | 82.55/3.25            | CUT & STRIP                 | 4.00/.16                | 301025-003                  |                                    |                                 |                                  |
|                                   | 2        | WHITE | 234.95/9.25           |                             |                         | -004                        |                                    |                                 |                                  |
|                                   | 3        | GREEN | 234.95/9.25           |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 82.55/3.25            | CUT & STRIP                 | 4.00/.16                | 301025-002                  | 65883-005<br>L/GRAY                |                                 | 0.75µm/30µ"                      |
| 68974-015                         | 1        | RED   | 85.00/3.35            | CUT & STRIP                 | 10.00/.39               | SK8241-003                  |                                    |                                 |                                  |
|                                   | 2        | WHITE | 195.00/7.68           |                             |                         | (Aval 26)<br>-004           |                                    |                                 |                                  |
|                                   | 3        | GREEN | 195.00/7.68           |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 85.00/3.35            | CUT & STRIP                 | 10.00/.39               | SK8241-002                  | 65883-005<br>L/GRAY                | PLATED                          | 0.375µm/15µ"                     |
| 68974-016                         | 1        | RED   | 80.00/3.15            | CUT & STRIP                 | 10.00/.39               | 301025-003                  |                                    |                                 |                                  |
|                                   | 2        | WHITE |                       |                             |                         | -004                        |                                    |                                 |                                  |
|                                   | 3        | GREEN |                       |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 80.00/3.15            | CUT & STRIP                 | 10.00/.39               | 30.025-002                  | 65883-005<br>L/GRAY                | Non-Plated                      | 0.75µm/30µ"                      |
| 68974-017                         | 1        | RED   | 50.00/1.97            | CUT & STRIP                 | 3.00/.12                | SK15149-003                 |                                    |                                 |                                  |
|                                   | 2        | WHITE | 200.00/7.87           |                             |                         | (Aval 26)<br>-004           |                                    |                                 |                                  |
|                                   | 3        | GREEN | 200.00/7.87           |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 50.00/1.97            | CUT & STRIP                 | 3.00/.12                | SK15149-002                 | SK11521<br>BLACK                   | Non-Plated                      |                                  |
| 68974-018                         | 1        | RED   | 85.60/3.37            | CUT & STRIP                 | 4.30/.17                | 301025-003                  |                                    |                                 |                                  |
|                                   | 2        | WHITE | 218.95/8.62           |                             |                         | -004                        |                                    |                                 |                                  |
|                                   | 3        | GREEN | 218.95/8.62           |                             |                         | -005                        |                                    |                                 |                                  |
|                                   | 4        | BLACK | 85.60/3.37            | CUT & STRIP                 | 4.30/.17                | 301025-002                  | 65883-005<br>L/GRAY                | PLATED                          | 0.75µm/30µ"                      |

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| PRODUCT NO. | REV | DESCRIPTION | REV | DATE |
| 68974       | A   |             |     |      |

| PRODUCT NO | POS. NO. | COLOR | LEAD LGTH<br>DIM. 'L' | FINISH ON<br>END OF<br>WIRE | INS.<br>STRIP<br>DIM. X    | (NOTE 5)<br>INS. WIRE<br>NO          | (NOTE 2)<br>HOUSING<br>P/S & COLOR | (NOTE 3)<br>TERMINAL<br>PLATING | (NOTE 4)<br>GOLD WIRE<br>PLATING |
|------------|----------|-------|-----------------------|-----------------------------|----------------------------|--------------------------------------|------------------------------------|---------------------------------|----------------------------------|
| 68974-019  | 1        | RED   | 54.00/2.13            | STRIP & DIP                 | 3.0 +0.5/-0<br>/12 +.02/-0 | SK15149-003                          |                                    |                                 |                                  |
|            | 2        | WHITE | 204.00/8.03           |                             |                            | (UL1061, AUG 26, 2004)<br>NON-PLATED | 65883-005                          | NON-PLATED                      | 1.27 μm/50 μm                    |
|            | 3        | GREEN | 204.00/8.03           |                             |                            |                                      |                                    |                                 |                                  |
|            | 4        | BLACK | 54.00/2.13            | STRIP & DIP                 | 3.0 +0.5/-0<br>/12 +.02/-0 | SK15149-002                          | L/GRAY                             |                                 |                                  |
| 68974-020  | 1        | RED   | 174.00/6.85           | CUT                         |                            | 300979-003                           |                                    |                                 |                                  |
|            | 2        | WHITE |                       |                             |                            | -004                                 | 65883-005                          |                                 | 0.75 μm/30 μm                    |
|            | 3        | GREEN |                       |                             |                            | -005                                 |                                    |                                 |                                  |
|            | 4        | BLACK | 174.00/6.85           | CUT                         |                            | 300979-002                           | L/GRAY                             |                                 |                                  |
| 68974-021  | 1        | RED   | 185.00/7.28           | CUT                         |                            | 300979-003                           |                                    |                                 |                                  |
|            | 2        | WHITE |                       |                             |                            | -004                                 | 65883-005                          | NON-PLATED                      | 0.75 μm/30 μm                    |
|            | 3        | GREEN |                       |                             |                            | -005                                 |                                    |                                 |                                  |
|            | 4        | BLACK | 185.00/7.28           | CUT                         |                            | 300979-002                           | L/GRAY                             |                                 |                                  |

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| Customer Copy                                     |         |      |       | FCI                     |       |       |            |
| CUSTOMER INSPECTION                               | DATE    | DR   | MAT'L | TITLE                   | SCALE | SIZE  | DWG. NO.   |
| THIRD ANGLE PROJECTION<br>DO NOT SCALE<br>DRAWING | 2/11/08 | CK'D |       | 616W SPADELESS M/J ASSY | A3    | 68974 | SHT 5 OF 5 |
| APPLICATION                                       | USED ON | ENGR | APPRO |                         |       |       |            |

| REVISIONS |             |       |        |  |  |  |  |  |  |
|-----------|-------------|-------|--------|--|--|--|--|--|--|
| REV       | DESCRIPTION | BY    | DATE   |  |  |  |  |  |  |
| B         | ECRT10007   | JACOB | 910107 |  |  |  |  |  |  |

| PRODUCT NO. | WIRE NO. | WIRE COLOR | DIM. 'L' (MM) | INS. WIRE STYLE (NOTE 5) | HOUSING P/N,COLOR (NOTE 2) | HOUSING COLOR | SPLICE FINISH (NOTE 3) | SPRING CONTACT PLATING (NOTE 4) | DIM. 'X' (MM) | FINISH ON WIRE END |
|-------------|----------|------------|---------------|--------------------------|----------------------------|---------------|------------------------|---------------------------------|---------------|--------------------|
| 68974-022   | 1        | RED        | 48.0/1.89     | 301025-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"AU                          | 3.0/0.12      | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |
| 68974-023   | 1        | BLACK      | 60.0/2.36     | 301025-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"GXT                         | 3.0/0.12      | CUT & STRIP        |
|             | 2        | RED        |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | YELLOW     |               |                          |                            |               |                        |                                 |               |                    |
| 68974-024   | 1        | RED        | 81.8/3.22     | 301025-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"GXT                         | 5.08/0.20     | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |
| 68974-025   | 1        | RED        | 40.0/1.57     | 301025-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"GXT                         | 3.0/0.12      | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |
| 68974-026   | 1        | RED        | 82.55/3.25    | 301025-XXX               | SK11521-2                  | BLACK         | PLATING                | 15U"AU                          | 5.08/0.20     | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |
| 68974-027   | 1        | RED        | 40.0/1.57     | 301025-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"GXT                         | 3.0/0.12      | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |
| 68974-028   | 1        | RED        | 50.0/1.97     | 300979-XXX               | 65883-005                  | LIGHT GRAY    | UNPLATED               | 30U"AU                          | 3.0/0.12      | CUT & STRIP        |
|             | 2        | WHITE      |               |                          |                            |               |                        |                                 |               |                    |
|             | 3        | GREEN      |               |                          |                            |               |                        |                                 |               |                    |
|             | 4        | BLACK      |               |                          |                            |               |                        |                                 |               |                    |

|             |         |   |
|-------------|---------|---|
| SHEET INDEX | ISSUE   | B |
|             | SHT NO. | 6 |

|                                                                                       |  |                                   |             |
|---------------------------------------------------------------------------------------|--|-----------------------------------|-------------|
| CUSTOMER                                                                              |  | TOLERANCES UNLESS OTHERWISE NOTED |             |
|  |  | LINEAR                            | MM          |
| THIRD ANGLE PROJECTION                                                                |  | ANGLES                            | 8.30°       |
| DO NOT SCALE DRAWING                                                                  |  | RADIUS                            | 0.40 - 0.15 |

|           |              |      |      |
|-----------|--------------|------|------|
| DATE      | DR JACOB     | MM   | 0.00 |
| OCT 22.90 | CK'D J.TSAO  | 0.00 | 0.00 |
| OCT 22.90 | ENGR JACOB   | 0.00 | 0.00 |
| OCT 22.90 | APP'D J.TSAO | 0.00 | 0.00 |

|       |           |                      |  |
|-------|-----------|----------------------|--|
| TITLE |           | MOD. JACK A'SSY 616W |  |
| SCALE | SIZE      | SHT 6 OF             |  |
| AS    | 68974-XXX |                      |  |



product no  
SEE CHART

| PRODUCT NO. | WIRE NO. | WIRE COLOR | DIM. 'L'     | INS. WIRE STYLE (NOTE 5) | HOUSING MATERIAL (NOTE 2) | HOUSING COLOR | SPLICE FINISH (NOTE 3) | SPRING CONTACT PLATING (NOTE 4) | DIM. 'X'                  | FINISH ON WIRE END |
|-------------|----------|------------|--------------|--------------------------|---------------------------|---------------|------------------------|---------------------------------|---------------------------|--------------------|
| 68974-029   | 1        | RED        | 40.00/1.58   | TYPE B                   | ABS<br>UL 94V-0           | LIGHT GRAY    | UNPLATED               | 30U" GXT                        | 3.0/0.12<br>↑<br>3.0/0.12 | CUT & STRIP        |
|             | 2        | WHITE      | 193.00/7.60  |                          |                           |               |                        |                                 |                           |                    |
|             | 3        | GREEN      | 193.00/7.60  |                          |                           |               |                        |                                 |                           |                    |
|             | 4        | BLACK      | 40.00/1.58   |                          |                           |               |                        |                                 |                           |                    |
| 68974-030   | 1        | RED        | 40.00/1.58   | TYPE B                   | ABS<br>UL 94V-0           | LIGHT GRAY    | UNPLATED               | 30U" AU                         | 2.5/.10<br>↑<br>2.5/.10   | CUT & STRIP        |
|             | 2        | WHITE      | ↑            |                          |                           |               |                        |                                 |                           |                    |
|             | 3        | GREEN      | ↑            |                          |                           |               |                        |                                 |                           |                    |
|             | 4        | BLACK      | 40.00/1.58   |                          |                           |               |                        |                                 |                           |                    |
| 68974-031   | 1        | RED        | 44.00/1.732  | TYPE B                   | ABS<br>UL 94V-0           | LIGHT GRAY    | UNPLATED               | 30U" GXT                        | 3.0/0.12<br>↑<br>3.0/0.12 | CUT & STRIP        |
|             | 2        | WHITE      | 194.00/7.638 |                          |                           |               |                        |                                 |                           |                    |
|             | 3        | GREEN      | 204.00/8.031 |                          |                           |               |                        |                                 |                           |                    |
|             | 4        | BLACK      | 44.00/1.732  |                          |                           |               |                        |                                 |                           |                    |
| 68974-032   | 1        | RED        | 163.0/6.42   | TYPE B                   | ABS<br>UL 94V-0           | LIGHT GRAY    | UNPLATED               | 30U" GXT                        | 3.0/.12                   | CUT & STRIP        |
|             | 2        | WHITE      | ↑            |                          |                           |               |                        |                                 |                           |                    |
|             | 3        | GREEN      | ↑            |                          |                           |               |                        |                                 |                           |                    |
|             | 4        | BLACK      | 163.0/6.42   |                          |                           |               |                        |                                 |                           |                    |
|             |          |            |              |                          |                           |               |                        |                                 |                           |                    |

|               |      |                                       |    |                       |      |                          |  |
|---------------|------|---------------------------------------|----|-----------------------|------|--------------------------|--|
| MATERIAL CODE |      | TOLERANCES UNLESS OTHERWISE SPECIFIED |    | CUSTOMER COPY         |      | FCI                      |  |
| ITEM NO.      | DR   | DATE                                  | BY | PROJECTION            | FILE | 616 W SPADELESS MOD JACK |  |
| F             | T    | 4-22-74                               | TC | 0.00-0.13 / 0.00-0.05 |      |                          |  |
| G             | ECR  | 0117                                  | TC | 0.00-0.05 / 0.00-0.02 |      |                          |  |
| H             | TUOR | 14                                    | TC | 0.00-0.05 / 0.00-0.02 |      |                          |  |
| SHEET NO.     |      | REVISION                              |    | SHEET                 |      | 7 of 7                   |  |
| 1             |      | 1                                     |    | 1                     |      | 1                        |  |
| 2             |      | 2                                     |    | 2                     |      | 2                        |  |
| 3             |      | 3                                     |    | 3                     |      | 3                        |  |
| 4             |      | 4                                     |    | 4                     |      | 4                        |  |
| 5             |      | 5                                     |    | 5                     |      | 5                        |  |
| 6             |      | 6                                     |    | 6                     |      | 6                        |  |
| 7             |      | 7                                     |    | 7                     |      | 7                        |  |
| 8             |      | 8                                     |    | 8                     |      | 8                        |  |
| 9             |      | 9                                     |    | 9                     |      | 9                        |  |
| 10            |      | 10                                    |    | 10                    |      | 10                       |  |
| 11            |      | 11                                    |    | 11                    |      | 11                       |  |
| 12            |      | 12                                    |    | 12                    |      | 12                       |  |
| 13            |      | 13                                    |    | 13                    |      | 13                       |  |
| 14            |      | 14                                    |    | 14                    |      | 14                       |  |
| 15            |      | 15                                    |    | 15                    |      | 15                       |  |
| 16            |      | 16                                    |    | 16                    |      | 16                       |  |
| 17            |      | 17                                    |    | 17                    |      | 17                       |  |
| 18            |      | 18                                    |    | 18                    |      | 18                       |  |
| 19            |      | 19                                    |    | 19                    |      | 19                       |  |
| 20            |      | 20                                    |    | 20                    |      | 20                       |  |
| 21            |      | 21                                    |    | 21                    |      | 21                       |  |
| 22            |      | 22                                    |    | 22                    |      | 22                       |  |
| 23            |      | 23                                    |    | 23                    |      | 23                       |  |
| 24            |      | 24                                    |    | 24                    |      | 24                       |  |
| 25            |      | 25                                    |    | 25                    |      | 25                       |  |
| 26            |      | 26                                    |    | 26                    |      | 26                       |  |
| 27            |      | 27                                    |    | 27                    |      | 27                       |  |
| 28            |      | 28                                    |    | 28                    |      | 28                       |  |
| 29            |      | 29                                    |    | 29                    |      | 29                       |  |
| 30            |      | 30                                    |    | 30                    |      | 30                       |  |
| 31            |      | 31                                    |    | 31                    |      | 31                       |  |
| 32            |      | 32                                    |    | 32                    |      | 32                       |  |
| 33            |      | 33                                    |    | 33                    |      | 33                       |  |
| 34            |      | 34                                    |    | 34                    |      | 34                       |  |
| 35            |      | 35                                    |    | 35                    |      | 35                       |  |
| 36            |      | 36                                    |    | 36                    |      | 36                       |  |
| 37            |      | 37                                    |    | 37                    |      | 37                       |  |
| 38            |      | 38                                    |    | 38                    |      | 38                       |  |
| 39            |      | 39                                    |    | 39                    |      | 39                       |  |
| 40            |      | 40                                    |    | 40                    |      | 40                       |  |
| 41            |      | 41                                    |    | 41                    |      | 41                       |  |
| 42            |      | 42                                    |    | 42                    |      | 42                       |  |
| 43            |      | 43                                    |    | 43                    |      | 43                       |  |
| 44            |      | 44                                    |    | 44                    |      | 44                       |  |
| 45            |      | 45                                    |    | 45                    |      | 45                       |  |
| 46            |      | 46                                    |    | 46                    |      | 46                       |  |
| 47            |      | 47                                    |    | 47                    |      | 47                       |  |
| 48            |      | 48                                    |    | 48                    |      | 48                       |  |
| 49            |      | 49                                    |    | 49                    |      | 49                       |  |
| 50            |      | 50                                    |    | 50                    |      | 50                       |  |
| 51            |      | 51                                    |    | 51                    |      | 51                       |  |
| 52            |      | 52                                    |    | 52                    |      | 52                       |  |
| 53            |      | 53                                    |    | 53                    |      | 53                       |  |
| 54            |      | 54                                    |    | 54                    |      | 54                       |  |
| 55            |      | 55                                    |    | 55                    |      | 55                       |  |
| 56            |      | 56                                    |    | 56                    |      | 56                       |  |
| 57            |      | 57                                    |    | 57                    |      | 57                       |  |
| 58            |      | 58                                    |    | 58                    |      | 58                       |  |
| 59            |      | 59                                    |    | 59                    |      | 59                       |  |
| 60            |      | 60                                    |    | 60                    |      | 60                       |  |
| 61            |      | 61                                    |    | 61                    |      | 61                       |  |
| 62            |      | 62                                    |    | 62                    |      | 62                       |  |
| 63            |      | 63                                    |    | 63                    |      | 63                       |  |
| 64            |      | 64                                    |    | 64                    |      | 64                       |  |
| 65            |      | 65                                    |    | 65                    |      | 65                       |  |
| 66            |      | 66                                    |    | 66                    |      | 66                       |  |
| 67            |      | 67                                    |    | 67                    |      | 67                       |  |
| 68            |      | 68                                    |    | 68                    |      | 68                       |  |
| 69            |      | 69                                    |    | 69                    |      | 69                       |  |
| 70            |      | 70                                    |    | 70                    |      | 70                       |  |
| 71            |      | 71                                    |    | 71                    |      | 71                       |  |
| 72            |      | 72                                    |    | 72                    |      | 72                       |  |
| 73            |      | 73                                    |    | 73                    |      | 73                       |  |
| 74            |      | 74                                    |    | 74                    |      | 74                       |  |
| 75            |      | 75                                    |    | 75                    |      | 75                       |  |
| 76            |      | 76                                    |    | 76                    |      | 76                       |  |
| 77            |      | 77                                    |    | 77                    |      | 77                       |  |
| 78            |      | 78                                    |    | 78                    |      | 78                       |  |
| 79            |      | 79                                    |    | 79                    |      | 79                       |  |
| 80            |      | 80                                    |    | 80                    |      | 80                       |  |
| 81            |      | 81                                    |    | 81                    |      | 81                       |  |
| 82            |      | 82                                    |    | 82                    |      | 82                       |  |
| 83            |      | 83                                    |    | 83                    |      | 83                       |  |
| 84            |      | 84                                    |    | 84                    |      | 84                       |  |
| 85            |      | 85                                    |    | 85                    |      | 85                       |  |
| 86            |      | 86                                    |    | 86                    |      | 86                       |  |
| 87            |      | 87                                    |    | 87                    |      | 87                       |  |
| 88            |      | 88                                    |    | 88                    |      | 88                       |  |
| 89            |      | 89                                    |    | 89                    |      | 89                       |  |
| 90            |      | 90                                    |    | 90                    |      | 90                       |  |
| 91            |      | 91                                    |    | 91                    |      | 91                       |  |
| 92            |      | 92                                    |    | 92                    |      | 92                       |  |
| 93            |      | 93                                    |    | 93                    |      | 93                       |  |
| 94            |      | 94                                    |    | 94                    |      | 94                       |  |
| 95            |      | 95                                    |    | 95                    |      | 95                       |  |
| 96            |      | 96                                    |    | 96                    |      | 96                       |  |
| 97            |      | 97                                    |    | 97                    |      | 97                       |  |
| 98            |      | 98                                    |    | 98                    |      | 98                       |  |
| 99            |      | 99                                    |    | 99                    |      | 99                       |  |
| 100           |      | 100                                   |    | 100                   |      | 100                      |  |
| 101           |      | 101                                   |    | 101                   |      | 101                      |  |
| 102           |      | 102                                   |    | 102                   |      | 102                      |  |
| 103           |      | 103                                   |    | 103                   |      | 103                      |  |
| 104           |      | 104                                   |    | 104                   |      | 104                      |  |
| 105           |      | 105                                   |    | 105                   |      | 105                      |  |
| 106           |      | 106                                   |    | 106                   |      | 106                      |  |
| 107           |      | 107                                   |    | 107                   |      | 107                      |  |
| 108           |      | 108                                   |    | 108                   |      | 108                      |  |
| 109           |      | 109                                   |    | 109                   |      | 109                      |  |
| 110           |      | 110                                   |    | 110                   |      | 110                      |  |
| 111           |      | 111                                   |    | 111                   |      | 111                      |  |
| 112           |      | 112                                   |    | 112                   |      | 112                      |  |
| 113           |      | 113                                   |    | 113                   |      | 113                      |  |
| 114           |      | 114                                   |    | 114                   |      | 114                      |  |
| 115           |      | 115                                   |    | 115                   |      | 115                      |  |
| 116           |      | 116                                   |    | 116                   |      | 116                      |  |
| 117           |      | 117                                   |    | 117                   |      | 117                      |  |
| 118           |      | 118                                   |    | 118                   |      | 118                      |  |
| 119           |      | 119                                   |    | 119                   |      | 119                      |  |
| 120           |      | 120                                   |    | 120                   |      | 120                      |  |
| 121           |      | 121                                   |    | 121                   |      | 121                      |  |
| 122           |      | 122                                   |    | 122                   |      | 122                      |  |
| 123           |      | 123                                   |    | 123                   |      | 123                      |  |
| 124           |      | 124                                   |    | 124                   |      | 124                      |  |
| 125           |      | 125                                   |    | 125                   |      | 125                      |  |
| 126           |      | 126                                   |    | 126                   |      | 126                      |  |
| 127           |      | 127                                   |    | 127                   |      | 127                      |  |
| 128           |      | 128                                   |    | 128                   |      | 128                      |  |
| 129           |      | 129                                   |    | 129                   |      | 129                      |  |
| 130           |      | 130                                   |    | 130                   |      | 130                      |  |
| 131           |      | 131                                   |    | 131                   |      | 131                      |  |
| 132           |      | 132                                   |    | 132                   |      | 132                      |  |
| 133           |      | 133                                   |    | 133                   |      | 133                      |  |
| 134           |      | 134                                   |    | 134                   |      | 134                      |  |
| 135           |      | 135                                   |    | 135                   |      | 135                      |  |
| 136           |      | 136                                   |    | 136                   |      | 136                      |  |
| 137           |      | 137                                   |    | 137                   |      | 137                      |  |
| 138           |      | 138                                   |    | 138                   |      | 138                      |  |
| 139           |      | 139                                   |    | 139                   |      | 139                      |  |
| 140           |      | 140                                   |    | 140                   |      | 140                      |  |
| 141           |      | 141                                   |    | 141                   |      | 141                      |  |
| 142           |      | 142                                   |    | 142                   |      | 142                      |  |
| 143           |      | 143                                   |    | 143                   |      | 143                      |  |
| 144           |      | 144                                   |    | 144                   |      | 144                      |  |
| 145           |      | 145                                   |    | 145                   |      | 145                      |  |
| 146           |      | 146                                   |    | 146                   |      | 146                      |  |
| 147           |      | 147                                   |    | 147                   |      | 147                      |  |
| 148           |      | 148                                   |    | 148                   |      | 148                      |  |
| 149           |      | 149                                   |    | 149                   |      | 149                      |  |
| 150           |      | 150                                   |    | 150                   |      | 150                      |  |
| 151           |      | 151                                   |    | 151                   |      | 151                      |  |
| 152           |      | 152                                   |    | 152                   |      | 152                      |  |
| 153           |      | 153                                   |    | 153                   |      | 153                      |  |
| 154           |      | 154                                   |    | 154                   |      | 154                      |  |
| 155           |      | 155                                   |    | 155                   |      | 155                      |  |
| 156           |      | 156                                   |    | 156                   |      | 156                      |  |
| 157           |      | 157                                   |    | 157                   |      | 157                      |  |
| 158           |      | 158                                   |    | 158                   |      | 158                      |  |
| 159           |      | 159                                   |    | 159                   |      | 159                      |  |
| 160           |      | 160                                   |    | 160                   |      | 160                      |  |
| 161           |      | 161                                   |    | 161                   |      | 161                      |  |
| 162           |      | 162                                   |    | 162                   |      | 162                      |  |
| 163           |      | 163                                   |    | 163                   |      | 163                      |  |
| 164           |      | 164                                   |    | 164                   |      | 164                      |  |
| 165           |      | 165                                   |    | 165                   |      | 165                      |  |
| 166           |      | 166                                   |    | 166                   |      | 166                      |  |
| 167           |      | 167                                   |    | 167                   |      | 167                      |  |
| 168           |      | 168                                   |    | 168                   |      | 168                      |  |
| 169           |      | 169                                   |    | 169                   |      | 169                      |  |
| 170           |      | 170                                   |    | 170                   |      | 170                      |  |
| 171           |      | 171                                   |    | 171                   |      | 171                      |  |
| 172           |      | 172                                   |    | 172                   |      | 172                      |  |
| 173           |      | 173                                   |    | 173                   |      | 173                      |  |
| 174           |      | 174                                   |    | 174                   |      | 174                      |  |
| 175           |      | 175                                   |    | 175                   |      | 175                      |  |
| 176           |      | 176                                   |    | 176                   |      | 176                      |  |
| 177           |      | 177                                   |    | 177                   |      | 177                      |  |
| 178           |      | 178                                   |    | 178                   |      | 178                      |  |
| 179           |      | 179                                   |    | 179                   |      | 179                      |  |
| 180           |      | 180                                   |    | 180                   |      | 180                      |  |
| 181           |      | 181                                   |    | 181                   |      | 181                      |  |
| 182           |      | 182                                   |    | 182                   |      | 182                      |  |
| 183           |      | 183                                   |    | 183                   |      | 183                      |  |
| 184           |      | 184                                   |    | 184                   |      | 184                      |  |
| 185           |      | 185                                   |    | 185                   |      |                          |  |