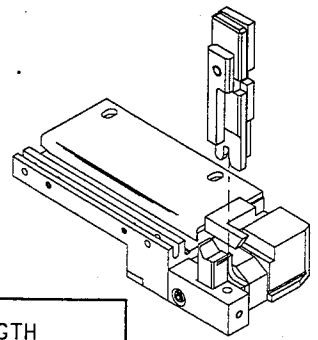




# APPLICATION TOOLING TERMINATOR DIE SPECIFICATION SHEET



## TERMINAL SPECIFICATION

| TERMINAL<br>SERIES | WIRE SIZE |     | INSULATION DIAMETER |               | STRIP LENGTH |               |
|--------------------|-----------|-----|---------------------|---------------|--------------|---------------|
|                    | MIN       | MAX | ENGLISH             | (METRIC)      | ENGLISH      | (METRIC)      |
| 43375-1001         | .18       | .14 | .120 - .180         | (3.05 - 4.57) | .156 - .218  | (3.96 - 5.54) |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |
|                    |           |     | -                   | ( - )         | -            | ( - )         |

## TOOLING INFORMATION

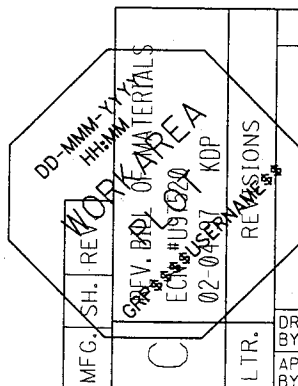
| ITEM | ORDER NO.  | SIZE | ENG. NO.   | DESCRIPTION                    | REQ'D |
|------|------------|------|------------|--------------------------------|-------|
| 4    | 634430002  | B    | 634430002  | FRONT CUT-OFF PLUNGER          | 1     |
| 6    | 634442513  | B    | 634442513  | CONDUCTOR PUNCH                | 1     |
| 7    | 634452562  | B    | 634452562  | CONDUCTOR ANVIL                | 1     |
| 8    | 634464817  | B    | 634464817  | INSULATION PUNCH               | 1     |
| 9    | 634454814  | B    | 634454814  | INSULATION ANVIL               | 1     |
|      |            |      |            |                                | 1     |
|      |            |      |            |                                |       |
|      |            |      |            |                                |       |
|      |            |      |            |                                |       |
| ***  | 6384052-70 |      | 6384052-70 | TOOL KIT (ALL THE ABOVE ITEMS) | 1     |

## CRIMP SPECIFICATION

| WIRE<br>AWG | CRIMP HEIGHT |               | CRIMP WIDTH<br>(REF.) |          | PULL FORCE<br>MINIMUM |        |
|-------------|--------------|---------------|-----------------------|----------|-----------------------|--------|
|             | ENGLISH      | (METRIC)      | ENGLISH               | (METRIC) | LBS.                  | (N)    |
| 14          | .065 - .069  | (1.65 - 1.75) | .098                  | (2.50)   | 60                    | (266)  |
| 16          | .058 - .062  | (1.47 - 1.57) | .098                  | (2.50)   | 30                    | (133)  |
| 18          | .053 - .056  | (1.35 - 1.43) | .098                  | (2.50)   | 20                    | (88.9) |
|             | -            | ( - )         |                       | ( )      |                       | ( )    |
| DBL 18      | .058 - .062  | (1.47 - 1.57) | .098                  | (2.50)   | 20                    | (88.9) |

## NOTES:

1. WE RECOMMEND AN EXTRA SET OF PERISHABLE TOOLING BE MAINTAINED IN YOUR FACTORY.
2. VERIFY TOOLING ALIGNMENT BY MANUALLY CYCLING THE PRESS AND DIE BEFORE CRIMPING UNDERPOWER. CHECK THAT ALL SCREWS ARE TIGHT.
3. SLUGS, TERMINALS, DIRT AND OIL SHOULD BE KEPT CLEAR OF WORK AREA.
4. CRIMP HEIGHT MAY VARY DEPENDING ON STYLE AND WIRE TYPE.
5. TO PREVENT INJURY - NEVER OPERATE THIS TOOL WITHOUT THE GUARDING SUPPLIED WITH THE PRESS IN PLACE.



DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED  
TOLERANCES: ANGULAR  $\pm 1/2^\circ$

|         | INCH      | METRIC    |
|---------|-----------|-----------|
| 3 PLACE | $\pm$ --- | ---       |
| 2 PLACE | $\pm$ --- | $\pm$ --- |
| 1 PLACE | ---       | $\pm$ --- |

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

DRWG. BY SMT  
CHK'D. BY VS  
APP'D. BY  
SCALE / : /

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REVISE ONLY ON CAD SYSTEM

TITLE

TERMINATOR DIE ASSEMBLY

MOLEX

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LISLE, ILL. 60532 U.S.A.

SHEET NO.

DATE

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03/07/95

PART NO.

DRWG. NO.

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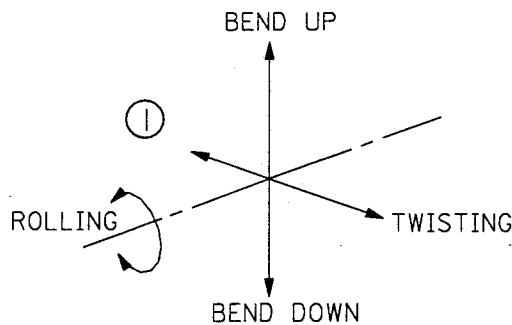
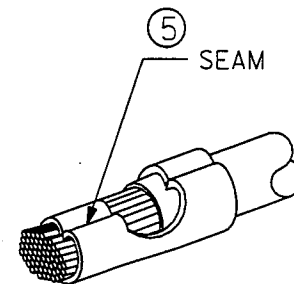
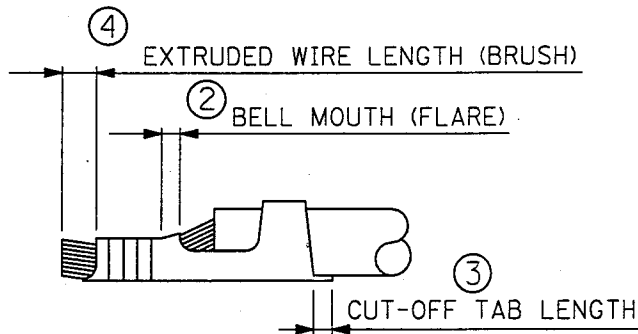
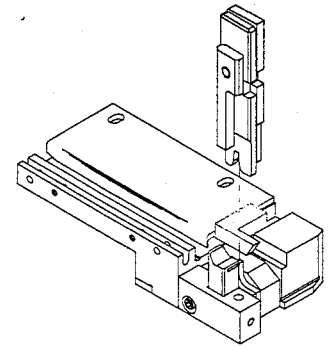
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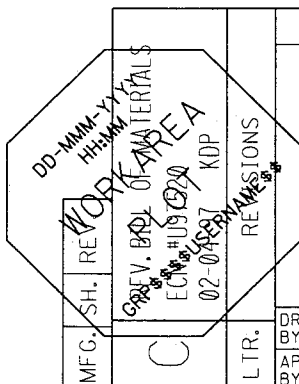


# APPLICATION TOOLING TERMINATOR DIE SPECIFICATION SHEET



## CRIMP SPECIFICATION

| NO. OF FIG. | ITEM                         | REQUIREMENT                  |
|-------------|------------------------------|------------------------------|
| 1           | BEND UP                      | 5° MAX                       |
|             | BEND DOWN                    | 2° MAX                       |
|             | TWISTING                     | 5° MAX                       |
|             | ROLLING                      | 5° MAX                       |
| 2           | BELL MOUTH (FLARE)           | 0.2 - 0.5mm                  |
| 3           | CUT-OFF TAB LENGTH           | 0.2mm MAX                    |
| 4           | EXTRUDED WIRE LENGTH (BRUSH) | 0.0 - 0.5 mm                 |
| 5           | SEAM                         | SEAM SHALL NOT BE OPENED AND |
|             |                              | NO WIRE ALLOWED OUT OF THE   |
|             |                              | CRIMPING AREA.               |



DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED  
TOLERANCES: ANGULAR ± 1/2°

|         | INCH  | METRIC |
|---------|-------|--------|
| 3 PLACE | ± --- | ---    |
| 2 PLACE | ± --- | ± ---  |
| 1 PLACE | ---   | ± ---  |

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

DRWG. BY SMT  
CHK'D. BY VS  
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SCALE / : /

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03/07/95

PART NO.

DRWG. NO.

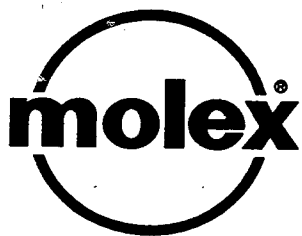
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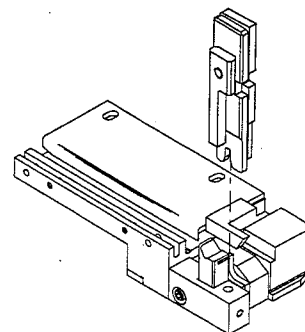
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# APPLICATION TOOLING TERMINATOR DIE SPECIFICATION SHEET



## TOOLING INFORMATION

| ITEM | ORDER NO.  | SIZE | ENG. NO.   | DESCRIPTION                    | REQ'D |
|------|------------|------|------------|--------------------------------|-------|
| 4    | 634430002  | B    | 634430002  | FRONT CUT-OFF PLUNGER          | 1     |
| 6    | 634442513  | B    | 634442513  | CONDUCTOR PUNCH                | 1     |
| 7    | 634452562  | B    | 634452562  | CONDUCTOR ANVIL                | 1     |
| 8    | 634464817  | B    | 634464817  | INSULATION PUNCH               | 1     |
| 9    | 634454814  | B    | 634454814  | INSULATION ANVIL               | 1     |
| ***  | 6384052-70 |      | 6384052-70 | TOOL KIT (ALL THE ABOVE ITEMS) | 1     |

## TERMINATOR ASSEMBLY - PARTS LIST

| ITEM | ORDER NO.  | SIZE | ENG. NO.  | DESCRIPTION                 | REQ'D |
|------|------------|------|-----------|-----------------------------|-------|
| 5    | 634430012  | B    | 634430012 | CUT-OFF PLUNGER RETAINER    | 1     |
| 10   | 11-40-4039 | B    | 8302-5    | PLUNGER STRIKER             | 1     |
| 11   | 634430021  | B    | 634430021 | MOUNTING KEY                | 1     |
| 12   | 638405012  | B    | 638405012 | ANVIL MOUNT                 | 1     |
| 13   | 11-40-4068 | B    | 8302-102  | DRAG FINGER (L.H.)          | 1     |
| 14   | 638405014  | B    | 638405014 | DRAG FINGER (R.H.)          | 1     |
| 15   |            |      |           |                             |       |
| 16   |            |      |           |                             |       |
| 17   | 638405017  | B    | 638405017 | COVER                       | 1     |
| 18   | 11-24-1067 | A    | 4996-4    | CUT-OFF PLUNGER SPRING      | 1     |
| 19   | 638405019  | B    | 638405019 | WIRE STOP                   | 1     |
| 20   | 638405020  | C    | 638405020 | TERMINAL TRACK              | 1     |
| 21   |            |      |           |                             |       |
| 22   | 11-40-4144 | B    | 8302-110  | TORSION SPRING, DRAG FINGER | 2     |
| 23   |            |      |           |                             |       |
| 24   | 11-40-4069 | B    | 8302-103  | PIVOT PIN                   | 2     |
| 25   |            |      |           |                             |       |
| 26   |            |      |           |                             |       |
| 27   |            |      |           |                             |       |
| 28   |            |      |           |                             |       |
| 29   |            |      |           |                             |       |

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED  
TOLERANCES: ANGULAR  $\pm 1/2^\circ$

|         | INCH | METRIC    |
|---------|------|-----------|
| 3 PLACE | ---  | ---       |
| 2 PLACE | ---  | $\pm$ --- |
| 1 PLACE | ---  | $\pm$ --- |

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

DRWG. BY SMT CHK'D. BY VS  
APP'D. BY SCALE / : /

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TERMINATOR DIE ASSEMBLY



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### Офис по работе с юридическими лицами:

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