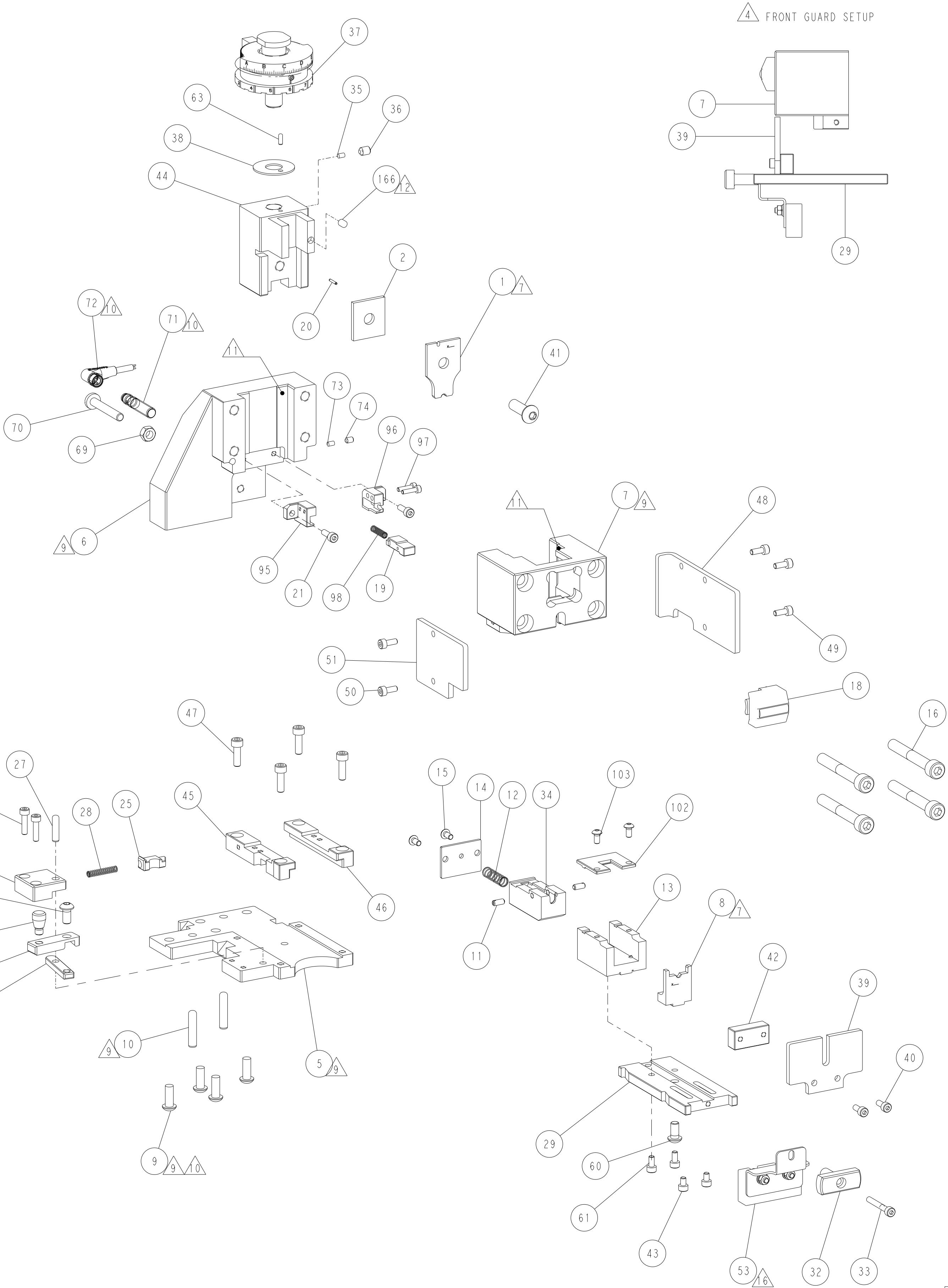


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|----------------------------------------------|----------|---------------------------------|
| PART NUMBER                                  | REVISION | DESCRIPTION                     |
| 1893988-1                                    | D        | Mid Size Wire Applicator-LP     |
| 7-1893988-1                                  | D        | Applicator Drawer Kit           |
| 7-1893988-7                                  | A        | Special Spare Kit - Mid Size LP |

| CRIMP DATA                                   |                                 |                                    |
|----------------------------------------------|---------------------------------|------------------------------------|
| TERMINAL DESCRIPTION<br>PIN CONTACT, DIA 6.0 |                                 |                                    |
| WIRE ADJUSTMENT<br>DISC POSITION             | CRIMP HEIGHT                    | WIRE SIZE                          |
| C6                                           | 3.58 MM [.141 IN]               | 6 MM <sup>2</sup>                  |
| WIRE STRIP LENGHT<br>8.00 MM                 |                                 | TERMINAL APPLICATION SPECIFICATION |
| CRIMPER                                      | CRIMP WIDTH                     | CRIMPER PROFILE                    |
| WIRE CRIMPER                                 | 3.58 mm [.141 in]               | SQUARE                             |
| INS. CRIMPER                                 | -                               | -                                  |
| INSULATION RANGE                             |                                 | GAUGE                              |
| -                                            | WIRE RANGE<br>6 MM <sup>2</sup> | 1707132-4                          |
| TERMINALS APPLIED:                           |                                 |                                    |
| 9-2177810-3                                  |                                 | 9-2177812-3                        |



4 FRONT GUARD SETUP

| REVISIONS |     |               |           |     |
|-----------|-----|---------------|-----------|-----|
| P         | LTR | DESCRIPTION   | DATE      | DWN |
| A         |     | RELEASED      | 09SEP2013 | EAO |
| B         |     | ECO-14-003438 | 07MAR2014 | EAO |
| C         |     | ECO-15-011147 | 24AUG2015 | DLO |
| D         |     | ECO-21-007304 | 06JUL2021 | DLO |

|   |   |   |             |                                     |     |
|---|---|---|-------------|-------------------------------------|-----|
| - | - | 1 | 9-624501-2  | MAGNET, COUNTER STARTER             | 166 |
| - | - | 2 | 18024-6     | SCR, BTN SKT HD CAP (M4 X 8.0)      | 103 |
| - | - | 1 | 1-2076382-3 | COVER, TERMINAL SUPPORT             | 102 |
| - | - | 1 | 1-18024-8   | SCR, BTN SKT HD CAP (M6 X 12.0)     | 101 |
| - | - | 1 | 2076653-1   | ADAPTER LOCK LEVER                  | 100 |
| - | - | 1 | 2-22279-1   | SPRING, COMPRESSION                 | 98  |
| - | - | 2 | 18023-5     | SCR, SKT HD CAP M3 X 12.0           | 97  |
| - | - | 1 | 1707947-1   | RIGHT SUPPORT, STRIPPER             | 96  |
| - | - | 1 | 1707948-1   | LEFT SUPPORT, STRIPPER              | 95  |
| - | - | 1 | 18032-2     | SCR, SET, FLT PNT, M4 X 6.0         | 74  |
| - | - | 1 | 690191-1    | PLUG, NYLON                         | 73  |
| - | - | 1 | 3-196804-5  | CONNECTOR, SINGLE ENDED             | 72  |
| - | - | 1 | 3-196804-4  | INDUCTIVE SENSOR                    | 71  |
| - | - | 1 | 2-18019-8   | SCR, PAN SLT HD MACH M6 X 40.0      | 70  |
| - | - | 1 | 18030-4     | NUT, HEX, REG M6                    | 69  |
| - | - | 1 | 1-992946-4  | PIN, DOWEL 3 X 8                    | 63  |
| - | 2 | 2 | 1-18023-0   | SCR, SKT HD CAP M4 X 8.0            | 61  |
| - | 1 | 1 | 1-18024-8   | SCR, BTN SKT HD CAP (M6 X 12.0)     | 60  |
| - | 1 | 1 | 2844832-1   | KIT, ACTUATOR, LP MID               | 53  |
| - | - | 1 | 2076520-4   | LEFT GUARD, MID-LP                  | 51  |
| - | - | 2 | 1-18023-1   | SCR, SKT HD CAP M4 X 10.0           | 50  |
| - | - | 3 | 1-18023-1   | SCR, SKT HD CAP M4 X 10.0           | 49  |
| - | - | 1 | 2076521-4   | RIGHT GUARD, MID-LP                 | 48  |
| - | - | 4 | 2-18023-0   | SCR, SKT HD CAP M5 X 16.0           | 47  |
| - | - | 1 | 2076517-1   | RIGHT GUIDE, MID-LP                 | 46  |
| - | - | 1 | 2076516-1   | LEFT GUIDE, MID-LP                  | 45  |
| - | - | 1 | 2076515-1   | RAM, MID-LP APPLICATOR              | 44  |
| - | 2 | 2 | 18023-9     | SCR, SKT HD CAP M4 X 6.0            | 43  |
| - | 1 | 1 | 2076802-1   | SUPPORT, FRONT GUARD                | 42  |
| - | 1 | 1 | 2-18024-6   | SCR, BTN SKT HD CAP (M8 X 25.0)     | 41  |
| - | 2 | 2 | 1-18023-1   | SCR, SKT HD CAP M4 X 10.0           | 40  |
| - | 1 | 1 | 2077858-1   | FRONT GUARD, MID-LP                 | 39  |
| - | - | 1 | 1707150-4   | WASHER, FLAT                        | 38  |
| - | - | 1 | 1707670-1   | WIRE DISC, FINE ADJUSTMENT          | 37  |
| - | - | 1 | 18032-8     | SCR, SET, FLT PNT, M6 X 8.0         | 36  |
| - | - | 1 | 690191-1    | PLUG, NYLON                         | 35  |
| - | 1 | 1 | 2076762-1   | SLIDING BLOCK                       | 34  |
| - | 1 | 1 | 1-18023-6   | SCR, SKT HD CAP M4 X 30.0           | 33  |
| - | 1 | 1 | 1707779-1   | KNOB                                | 32  |
| - | 1 | 1 | 2076518-2   | GUIDE BLOCK                         | 29  |
| - | - | 1 | 3-22279-7   | SPRING, COMPRESSION                 | 28  |
| - | - | 1 | 9-992946-4  | PIN, DOWEL 5 X 20                   | 27  |
| - | - | 2 | 1-18023-3   | SCR, SKT HD CAP M4 X 16.0           | 26  |
| - | - | 1 | 1707784-1   | LOCK PAWL                           | 25  |
| - | - | 1 | 1707755-4   | KNOB                                | 24  |
| - | - | 1 | 1707785-1   | LOCK LEVER RELEASE                  | 23  |
| - | - | 1 | 1707783-2   | LOCK SUPPORT                        | 22  |
| - | - | 2 | 1-18023-2   | SCR, SKT HD CAP M4 X 12.0           | 21  |
| - | - | 1 | 21028-4     | PIN, SLOTTED SPRING .062 X .375     | 20  |
| - | - | 1 | 1707950-2   | SLIDING STRIPPER                    | 19  |
| - | - | 1 | 994970-2    | COUNTER, MAGNETIC                   | 18  |
| - | - | 4 | 4-18023-1   | SCR, SKT HD CAP M8 X 60.0           | 16  |
| - | 2 | 2 | 18024-6     | SCR, BTN SKT HD CAP (M4 X 8.0)      | 15  |
| - | 1 | 1 | 1-1707957-0 | REAR COVER                          | 14  |
| - | 1 | 1 | 2076761-1   | BASE BLOCK                          | 13  |
| - | 1 | 1 | 22281-1     | SPRING, COMPRESSION                 | 12  |
| - | 2 | 2 | 573225-5    | STEEL BALL, POSITIONER              | 11  |
| - | - | 2 | 1-992946-6  | PIN, DOWEL 6 X 28                   | 10  |
| - | - | 4 | 2168447-1   | SCR, BTN SKT HD CAP M6X16.0 W/PATCH | 9   |
| - | 1 | 1 | 2076763-2   | SPECIAL ANVIL-MID SIZE              | 8   |
| - | - | 1 | 2076514-1   | CAP, RAM                            | 7   |
| - | - | 1 | 2076513-1   | HOUSING, MID-LP                     | 6   |
| - | - | 1 | 2076512-1   | BASE PLATE, MID LP                  | 5   |
| - | 1 | 1 | 1707680-1   | CRIMPER SPACER                      | 2   |
| - | 1 | 1 | 2076764-2   | SPECIAL WIRE CRIMPER-MID SIZE LP    | 1   |

NOTES:

- 3 ELECTRICAL DIAGRAM: SEE DRAWING 2076504.
- 4 ITEM #39 MUST BE ALIGNED WITH FRONT SURFACE OF ITEM #7.
- 5 APPLY LOCTITE GLUE PN 1-23419-5 TO THREAD OF ITEM #11.
- 6 PROCEDURE SHUT HEIGHT. (SEE SHEET 2).
- 7 RECOMMENDED SPARE PARTS
- 8 USE ASSEMBLY GAGE PART NUMBER 1707132-4 TO PROPERLY ALIGN COMPONENTS #5 (BASE PLATE), #6 (HOUSING) AND #7 (CAP, RAM) BEFORE ASSEMBLING ITEMS #45 (RIGHT GUIDE) AND #46 (LEFT GUIDE).
- 9 AFTER ALIGN COMPONENTS AS INDICATED IN NOTE 2, TIGHTEN ITEM #9 (SCREWS) TO ATTACH ITEM #5 (BASE PLATE) TO ITEM #6 (HOUSING) THEN DRILL ITEM #6 IN THE BOTTOM SURFACE WITH A Ø5.90MM DRILL AND INSTALL ITEM #10 (PIN DOWEL).
- 10 SEAL INDICATED SCREW HEADS WITH TORQUE SEAL.
- 11 GREASE BEARING SURFACES LIGHTLY
- 12 MAGNET, ITEM 166, MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
13. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
14. APPLICATOR TO BE USED ON BENCH TERMINATORS ONLY.
15. RECOMMENDED TERMINATOR:

G11+ TERMINATOR FOR LOOSE PIECE APPLICATORS  
PN 2844810-1 OR 2844810-2 (W/ COM).

- 16 WHEN WORKING IN THE G11+ TERMINATOR THE INSTALLATION OF THE SENSOR ITEMS #71 & #72 IN THE TERMINATOR IS NOT NEEDED. THE INSTALLATION OF THE SENSOR IS MANDATORY ONLY FOR TERMINATORS THAT DO NOT FEATURE THE MAGNETIC ACTUATOR ITEM #53.

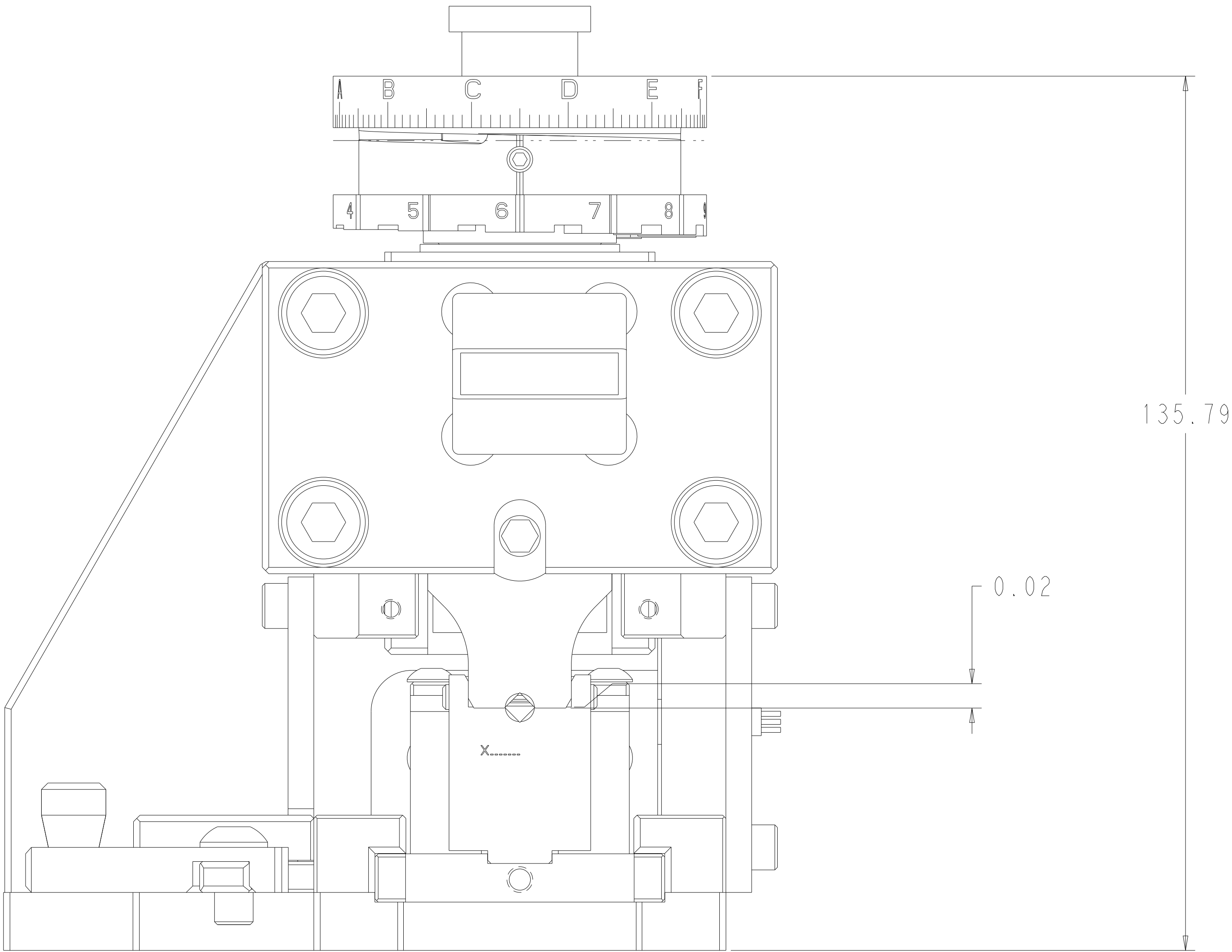
|                                                                                                                       |  |                                 |                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                |  | DWN<br>L. OLIVEIRA<br>24JUL2013 | TE Connectivity                                           |  |
| DIMENSIONS:<br>mm                                                                                                     |  | CHK<br>L. ALTERO<br>24JUL2013   | NAME<br>MID SIZE WIRE APPLICATOR<br>(LOOSE PIECE VERSION) |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH - |  | APVD<br>C. LIMA<br>24JUL2013    | SIZE<br>CAGE CODE<br>DRAWING NO<br>00779 ©=1893988        |  |
| MATERIAL<br>SEE LIST                                                                                                  |  | APPLICATION SPEC                | RESTRICTED TO                                             |  |
| CUSTOMER DRAWING                                                                                                      |  | WEIGHT                          | SCALE 1:2 SHEET 1 OF 2 REV D                              |  |



| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

⚠ MID SIZE WIRE APPLICATOR SET-UP PROCEDURE TO BE USED IN TERMINATORS WITH SHUT HEIGHT = 135.79 MM

- A. WITH THE TERMINATOR ON MANUAL MODE, IT IS NECESSARY FACING THE CRIMPER (ITEM #1) WITH THE ANVIL (ITEM #8) USING A HEIGHT GAUGE (0.02 mm) TO CALIBRATE THE CLEARANCE BETWEEN BOTH PARTS LISTED.
- B. AFTER CALIBRATION PROCESS DONE, CYCLE THE PRESS "MANUALLY" OR "SLOWLY CYCLING" TO ADJUST THE CORRECT CRIMP HEIGHT ACCORDING TO SPECIFIED ON THE LOGSHEET.
- C. IF IT IS NOT FOLLOWED THE ABOVE PROCEDURE IT CAN CAUSE SERIOUS DAMAGE ON THE APPLICATOR. NEVER CYCLE THE TERMINATOR WITHOUT TERMINAL ON THE APPLICATOR (EMPTY CYCLE) BEFORE THE CALIBRATION PROCESS DESCRIBED ABOVE.



SCALE 2:1

|                                        |                                        |                                 |                                                           |  |
|----------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>E. OLIVEIRA<br>24JUL2013 | TE Connectivity                                           |  |
| DIMENSIONS:                            |                                        | CHK<br>L. ALTERO<br>24JUL2013   |                                                           |  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>C. LIMA<br>24JUL2013    | NAME<br>MID SIZE WIRE APPLICATOR<br>(LOOSE PIECE VERSION) |  |
|                                        | 0 PLC ±                                | PRODUCT SPEC                    | SIZE CAGE CODE DRAWING NO RESTRICTED TO                   |  |
|                                        | 1 PLC ±                                | APPLICATION SPEC                |                                                           |  |
| MATERIAL                               | ANGLES ±                               | WEIGHT                          | A   00779 C=1893988                                       |  |
| SEE LIST                               | FINISH                                 | CUSTOMER DRAWING                | SCALE 1:2 SHEET 2 OF 2 REV D                              |  |