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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

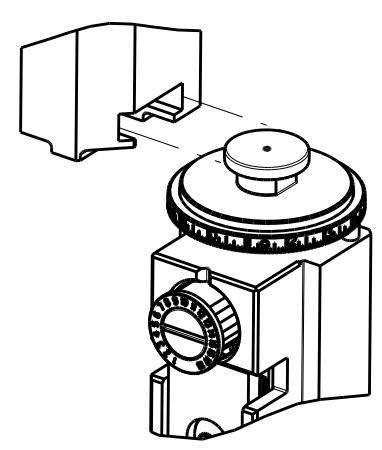
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



|             |   |                          |                                              |                   |           |           |             |           |           |                        |
|-------------|---|--------------------------|----------------------------------------------|-------------------|-----------|-----------|-------------|-----------|-----------|------------------------|
| 2151104-1   | E | FINE CRIMP HEIGHT ADJUST | MECHANICAL                                   | PNEUMATIC FEED    | 2119950-1 | 1338685-1 | 5-18022-5   | 2119641-1 | 2119799-1 | 2063440-1              |
|             |   |                          |                                              | SERVO LATCH PLATE | 2119951-1 | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
|             |   |                          |                                              | SMART APPLICATOR  | 2161326-1 | -         | 8-2151104-4 | -         | -         | -                      |
| 2151104-2   | E | FINE CRIMP HEIGHT ADJUST | PNEUMATIC                                    | MECHANICAL FEED   | 2119949-1 | 1338685-1 | 5-18022-5   | 2119653-1 | -         | -                      |
|             |   |                          |                                              | SERVO LATCH PLATE | 2119951-1 | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
|             |   |                          |                                              | SMART APPLICATOR  | 2161326-1 | -         | 8-2151104-4 | -         | -         | -                      |
| 2151104-5   | E | FINE CRIMP HEIGHT ADJUST | SERVO LATCH PLATE <sup>4</sup>               | MECHANICAL FEED   | 2119949-1 | 1338685-1 | 5-18022-5   | 2119653-1 | -         | -                      |
|             |   |                          |                                              | PNEUMATIC FEED    | 2119950-1 | 1338685-1 | 5-18022-5   | 2119641-1 | 2119799-1 | 2063440-1              |
| 2151104-6   | E | NON-CRIMP HEIGHT ADJUST  | SERVO LATCH PLATE <sup>4</sup> <sup>12</sup> | -                 | -         | -         | -           | -         | -         | -                      |
|             |   |                          |                                              | -                 | -         | -         | -           | -         | -         | -                      |
| 2151104-7   | E | FINE CRIMP HEIGHT ADJUST | NONE                                         | -                 | -         | -         | -           | -         | -         | -                      |
| 7-2151104-7 | E | CRIMP TOOLING KIT        | -                                            | -                 | -         | -         | -           | -         | -         | -                      |

APPLICATOR DATA

|       |                |      |
|-------|----------------|------|
| CRIMP | SIZE           | TYPE |
| WIRE  | 1.40 mm [.055] | F    |
| INSUL | 2.90 mm [1.14] | O    |

APPLICATOR INSTRUCTIONS 408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: MICRO QUADLOCK SYSTEM W/SEAL

|                             |                           |
|-----------------------------|---------------------------|
| WIRE STRIP LENGTH           | INSULATION DIAMETER RANGE |
| 3.05-3.35 mm [1.20-.132 IN] | Ø 1.4-2.1 mm              |

TERMINAL APPLICATION SPECIFICATION

|           |   |   |
|-----------|---|---|
| 114-18025 | - | - |
| -         | - | - |

TERMINALS APPLIED

|             |             |          |         |                              |
|-------------|-------------|----------|---------|------------------------------|
| TE TERMINAL | TE TERMINAL | TE SEAL  | TE SEAL | CABLE DIAMETER <sup>13</sup> |
| 962885-1    | 2-962886-2  | 967067-1 |         | Ø 1.4-2.1 mm                 |
| 962885-5    | 5-962886-1  | 967067-2 |         | Ø 0.9-1.4 mm                 |
| 962885-6    | 5-962886-2  | 963142-2 |         | Ø 0.9-1.3 mm                 |
| 2-962885-5  | 7-962886-2  |          |         |                              |
| 5-962885-1  | 963927-1    |          |         |                              |
| 5-962885-5  | 963927-2    |          |         |                              |
| 5-962885-6  | 963929-1    |          |         |                              |
| 7-962885-5  | 963929-2    |          |         |                              |
| 962886-1    | 1-963929-1  |          |         |                              |
| 962886-2    | 1-963929-2  |          |         |                              |
| 1-962886-1  |             |          |         |                              |

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING<sup>9</sup>

|         |                             |     |
|---------|-----------------------------|-----|
| 0.50mm2 | 0.86+/-0.03 [0.034+/-0.001] | 7.7 |
| 0.35mm2 | 0.76+/-0.03 [0.030+/-0.001] | 8.7 |
| 0.25mm2 | 0.72+/-0.03 [0.028+/-0.001] | 9.1 |
| 0.20mm2 | 0.69+/-0.03 [0.027+/-0.001] | 9.4 |

1 RECOMMENDED SPARE PARTS

2 GREASE BEARING SURFACES LIGHTLY

3 LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

4 APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:  
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151104-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151104-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151104-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151104-6

5 ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

6 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 62. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37.

7 GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.

8 MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

9 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.

10 SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

11 TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

12 WHEN ASSEMBLING -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT

APPLICATOR STYLE CONVERSION CHART

|                   |           |           |             |           |           |                        |
|-------------------|-----------|-----------|-------------|-----------|-----------|------------------------|
| PNEUMATIC FEED    | 2119950-1 | 1338685-1 | 5-18022-5   | 2119641-1 | 2119799-1 | 2063440-1              |
| SERVO LATCH PLATE | 2119951-1 | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
| SMART APPLICATOR  | 2161326-1 | -         | 8-2151104-4 | -         | -         | -                      |
| MECHANICAL FEED   | 2119949-1 | 1338685-1 | 5-18022-5   | 2119653-1 | -         | -                      |
| SERVO LATCH PLATE | 2119951-1 | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
| SMART APPLICATOR  | 2161326-1 | -         | 8-2151104-4 | -         | -         | -                      |
| MECHANICAL FEED   | 2119949-1 | 1338685-1 | 5-18022-5   | 2119653-1 | -         | -                      |
| PNEUMATIC FEED    | 2119950-1 | 1338685-1 | 5-18022-5   | 2119641-1 | 2119799-1 | 2063440-1              |
| -                 | -         | -         | -           | -         | -         | -                      |
| -                 | -         | -         | -           | -         | -         | -                      |
| -                 | -         | -         | -           | -         | -         | -                      |

6 THIS APPLICATOR APPLIES TERMINAL WITH A SEAL.

14 APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

\*WARNING

ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

(Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE 2119599-1

LOC A

DIST 66

|   |     |               |           |     |      |
|---|-----|---------------|-----------|-----|------|
| P | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|   | E   | ECR-13-003775 | 28FEB2013 | LG  | TE   |
|   | E1  | ECR-15-000589 | 14JAN2015 | YY  | JT   |
|   |     |               |           |     |      |

|   |     |     |     |     |     |             |                                     |     |
|---|-----|-----|-----|-----|-----|-------------|-------------------------------------|-----|
| - | -   | 1   | -   | -   | -   | 2119957-2   | APPLICATOR SHIM PACK                | 260 |
| - | 1   | -   | 1   | 1   | 1   | 8-21084-0   | O-RING, .676 ID, .070 DIA. MAT.     | 252 |
| - | -   | -   | -   | 1   | -   | 2119640-1   | PUSH ROD, AIR FEED                  | 250 |
| - | -   | -   | -   | 1   | -   | 2079988-1   | BUSHING, LCH5-12, MISUMI            | 249 |
| - | -   | -   | -   | 1   | -   | 2119641-1   | FEED CAM, AIR FEED                  | 248 |
| - | 1   | -   | 1   | 1   | 1   | 2119798-1   | DETENT PIN                          | 247 |
| - | 1   | -   | 1   | 1   | 1   | 1-22279-3   | SPRING, COMPRESSION                 | 246 |
| - | -   | 1   | -   | -   | -   | 2119758-1   | RAM, AMP STYLE, SIDE FEED, NON-ADJ. | 245 |
| - | 1   | 1   | 1   | 1   | 1   | 2119082-8   | CAM, SNAIL, INSULATION ADJUSTMENT   | 244 |
| - | 1   | 1   | 1   | 1   | 1   | 2079764-1   | WASHER, WAVE SPRING, CREST-TO-CREST | 243 |
| - | 1   | 1   | 1   | 1   | 1   | 2119083-1   | RETAINER, INSULATION DIAL           | 242 |
| - | 1   | 1   | 1   | 1   | 1   | 7-18023-7   | SCR, SKT HD CAP M3 X 4.0            | 241 |
| - | -   | 2   | 2   | -   | -   | 2168400-6   | SHCS, LOW HEAD, RoHS, M5 X 16       | 240 |
| - | -   | -   | -   | -   | 1   | 2119580-1   | MECHANICAL FEED ASSEMBLY            | 239 |
| - | -   | -   | -   | 1   | -   | 2063440-1   | AIR FEED MODULE                     | 238 |
| - | -   | 1   | 1   | -   | -   | 2119740-2   | TAG,IDENTIFICATION                  | 213 |
| - | -   | 1   | 1   | -   | -   | 1901094-3   | SPACER, FEEDER                      | 198 |
| - | -   | -   | -   | 2   | -   | 21045-3     | RING, RETAIN, EXTERN, 3/16 CRESCENT | 172 |
| - | 1   | 1   | 1   | 1   | 1   | 994969-1    | MAGNET, RARE EARTH HIGH ENERGY      | 166 |
| - | REF | REF | REF | REF | REF | 994970-2    | COUNTER, MAGNETIC                   | 164 |
| - | -   | -   | -   | 1   | -   | 240638-1    | SPRING, FEED FINGER                 | 163 |
| - | -   | -   | -   | 1   | -   | 3-23627-7   | PIN, RETAIN, GRVD, 3/16 X .854      | 137 |
| - | -   | -   | -   | 1   | -   | 2119799-1   | HOLDER,FEED FINGER, AF              | 136 |
| - | -   | REF | REF | -   | -   | SEE NOTE 4  | MEMORY CHIP, PROGRAMMED             | 135 |
| - | -   | 1   | 1   | -   | -   | 1633743-1   | SERVO FEED LATCH ASM                | 133 |
| - | 1   | 1   | 1   | 1   | 1   | 1-18028-2   | WASHER, FLAT, REG M4                | 119 |
| - | -   | REF | REF | -   | -   | 2119944-1   | FEED FINGER ASSEMBLY,SF             | 117 |
| - | 1   | 1   | 1   | 1   | 1   | 455888-6    | SPACER, CRIMPER                     | 82  |
| - | 1   | 1   | 1   | 1   | 1   | 2119956-1   | DOCUMENTATION PACKAGE               | 71  |
| - | 1   | -   | -   | 1   | 1   | 2119740-1   | TAG,IDENTIFICATION                  | 67  |
| - | 2   | 2   | 2   | 2   | 2   | 2168078-1   | SCREW, DRIVE, RH, RoHS, 2 x .188    | 66  |
| - | 1   | -   | 1   | 1   | 1   | 2119793-1   | LIMITER, ADJUSTMENT BOLT            | 63  |
| - | 3   | -   | 3   | 3   | 3   | 992763-5    | SCR, SET, SOC, CONE POINT, M3 x 4.0 | 62  |
| - | 1   | 1   | 1   | 1   | 1   | 2079383-4   | SCR, BHSC, RoHS (M4 X 8)            | 60  |
| - | -   | -   | -   | 1   | 1   | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           | 59  |
| - | 1   | 1   | 1   | 1   | 1   | 985575-3    | SCR, FLT SKT HD CAP M3 X 10.0       | 57  |
| - | -   | -   | -   | 1   | 1   | 1338685-1   | PAWL, FEED                          | 56  |
| - | 4   | 4   | 4   | 4   | 4   | 2168400-1   | SHCS, LOW HEAD, RoHS, M4 X 12       | 54  |
| - | 2   | 2   | 2   | 2   | 2   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 53  |
| - | -   | -   | -   | 1   | 2   | 18023-9     | SCR, SKT HD CAP M4 X 6.0            | 49  |
| - | -   | -   | -   | -   | 1   | 2119652-1   | FEED CAM, PRE FEED                  | 48  |
| - | -   | -   | -   | -   | 1   | 2119653-1   | FEED CAM, POST FEED                 | 47  |
| - | 1   | 1   | 1   | 1   | 1   | 2119656-9   | APPLICATOR BASIC ASSEMBLY, SF       | 46  |
| - | 1   | -   | 1   | 1   | 1   | 2119370-1   | RAM, AMP STYLE, SIDE FEED           | 44  |
| - | 1   | 1   | 1   | 1   | 1   | 2079383-7   | SCR, BHSC, RoHS (M8 X 25)           | 41  |
| - | 1   | -   | 1   | 1   | 1   | 2119645-1   | DISC, NUMBERED FA WIRE ADJUSTMENT   | 40  |
| - | 1   | -   | 1   | 1   | 1   | 2119957-1   | APPLICATOR SHIM PACK                | 39  |
| - | 1   | 1   | 1   | 1   | 1   | 2119644-1   | RAM WASHER, PRECISION               | 38  |
| - | 1   | 1   | 1   | 1   | 1   | 2119085-1   | FA HEAD, ATLANTIC STYLE             | 37  |
| - | 1   | -   | 1   | 1   | 1   | 2119092-1   | BOLT, ADJUSTMENT                    | 35  |
| - | 1   | 1   | 1   | 1   | 1   | 1752356-6   | SUPPORT, TERMINAL                   | 34  |
| - | 2   | 2   | 2   | 2   | 2   | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           | 33  |
| - | 1   | 1   | 1   | 1   | 1   | 2161328-1   | HEX HEAD, FLANGED, M5 x 8mm LONG    | 32  |
| - | 1   | 1   | 1   | 1   | 1   | 1-1320908-0 | SPACER, STRIP GUIDE                 | 30  |
| - | 1   | 1   | 1   | 1   | 1   | 2119959-1   | ASSEMBLY, STRIP GUIDE               | 29  |
| - | 1   | 1   | 1   | 1   | 1   | 455888-3    | SPACER, CRIMPER                     | 28  |
| - | 1   | 1   | 1   | 1   | 1   | 1320928-2   | STRIP GUIDE                         | 24  |
| - | 1   | 1   | 1   | 1   | 1   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 21  |
| - | 3   | 3   | 3   | 3   | 3   | 1-18028-2   | WASHER, FLAT, REG M4                | 20  |
| - | 1   | 1   | 1   | 1   | 1   | 2119533-1   | STRIPPER, SIDE FEED                 | 19  |
| - | 1   | 1   | 1   | 1   | 1   | 879657-2    | HOLD DOWN                           | 18  |
| - | 1   | 1   | 1   | 1   | 1   | 2119806-1   | INSERT, SHEAR                       | 13  |
| - | 1   | 1   | 1   | 1   | 1   | 3-22280-3   | SPRING, COMPRESSION                 | 12  |
| - | 1   | 1   | 1   | 1   | 1   | 1-356885-4  | STOP, SHEAR                         | 11  |
| - | 1   | 1   | 1   | 1   | 1   | 2119805-1   | SHEAR HOLDER, FRONT                 | 10  |
| - | 1   | 1   | 1   | 1   | 1   | 318707-1    | FLOATING SHEAR, FRONT               | 9   |
| 1 | 1   | 1   | 1   | 1   | 1   | 1333201-8   | ANVIL, COMBINATION                  | 8   |
| - | 1   | 1   | 1   | 1   | 1   | 4-240641-2  | SPACER                              | 7   |
| - | 1   | 1   | 1   | 1   | 1   | 2119781-1   | DEPRESSOR, SHEAR                    | 5   |
| - | 1   | 1   | 1   | 1   | 1   | 1-238011-7  | BLOCK, CRIMPER SPACER               | 4   |
| 1 | 1   | 1   | 1   | 1   | 1   | 8-2119784-2 | CRIMPER, INSULATION o PREMIUM       | 3   |
| - | 1   | 1   | 1   | 1   | 1   | 455888-7    | SPACER, CRIMPER                     | 2   |
| 1 | 1   | 1   | 1   | 1   | 1   | 1-562108-5  | CRIMPER, WIRE, F                    | 1   |

ITEM NO

DESCRIPTION

ITEM NO

|     |    |    |    |    |    |         |             |         |
|-----|----|----|----|----|----|---------|-------------|---------|
| -77 | -7 | -6 | -5 | -2 | -1 | PART NO | DESCRIPTION | ITEM NO |
|-----|----|----|----|----|----|---------|-------------|---------|

THIS IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE DESIGNING ORGANIZATION. NO OTHER ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5, 1 PLC ±0.13, 2 PLC ±0.13, 3 PLC ±0.13, 4 PLC ±0.0001, ANGLES ±.5

MATERIAL: -

FINISH: -

DWN: G. STAKEM 06OCT2011

CHK: G. BAILEY 06OCT2011

APVD: T. ELBIN 06OCT2011

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER ACCESSIBLE PRODUCTION DRAWING

SCALE: 1:2

SHEET: 1 OF 4

REV: E1

NAME: Ocean Side Feed Applicator

SIZE: A1

CAGE CODE: 00779

DRAWING NO: ©=2151104

RESTRICTED TO: -

TE Connectivity Harrisburg, PA 17105-3608

AMP 4805 REV 31MAR2000

Prs/ENGINEER DRAWING

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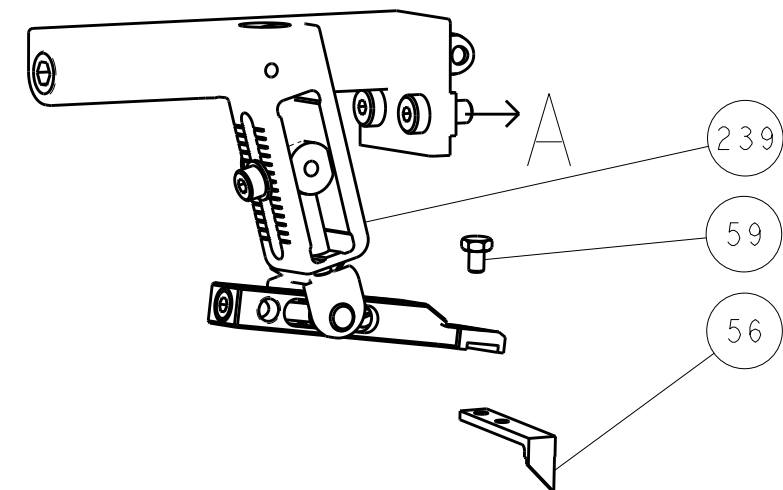
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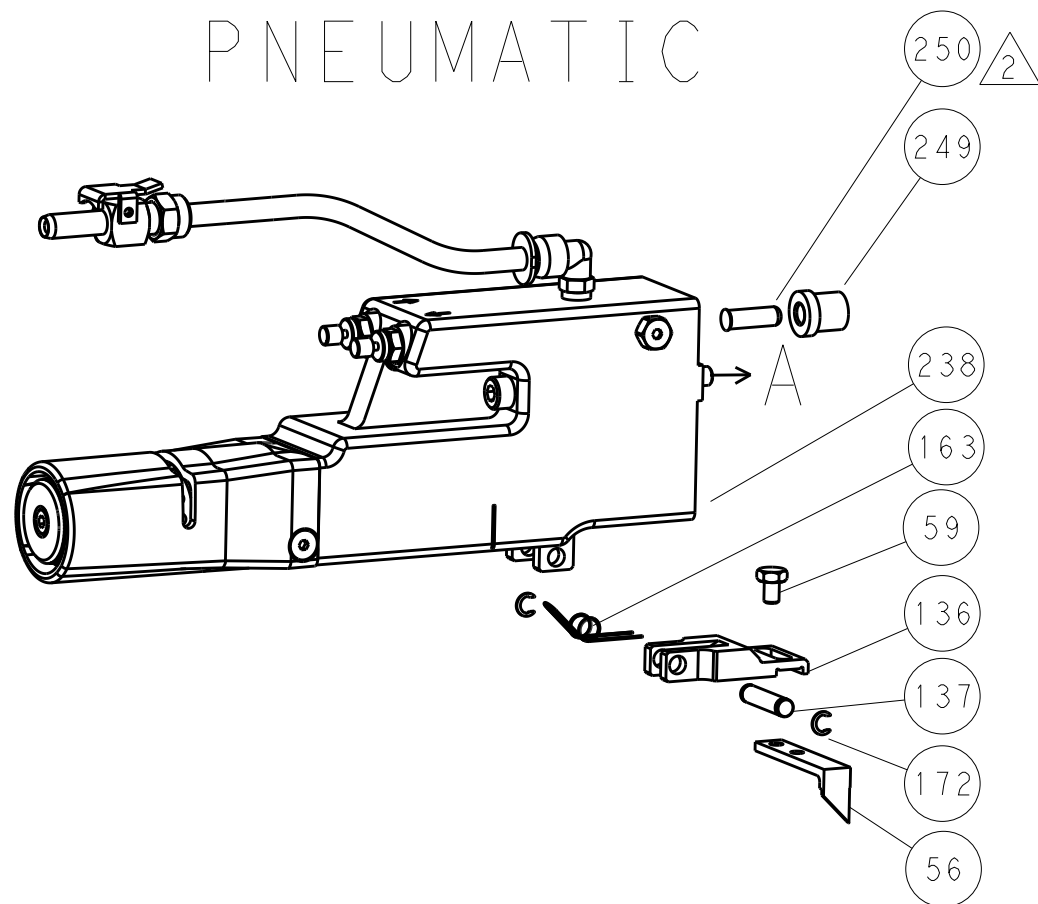
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| A   | 66   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

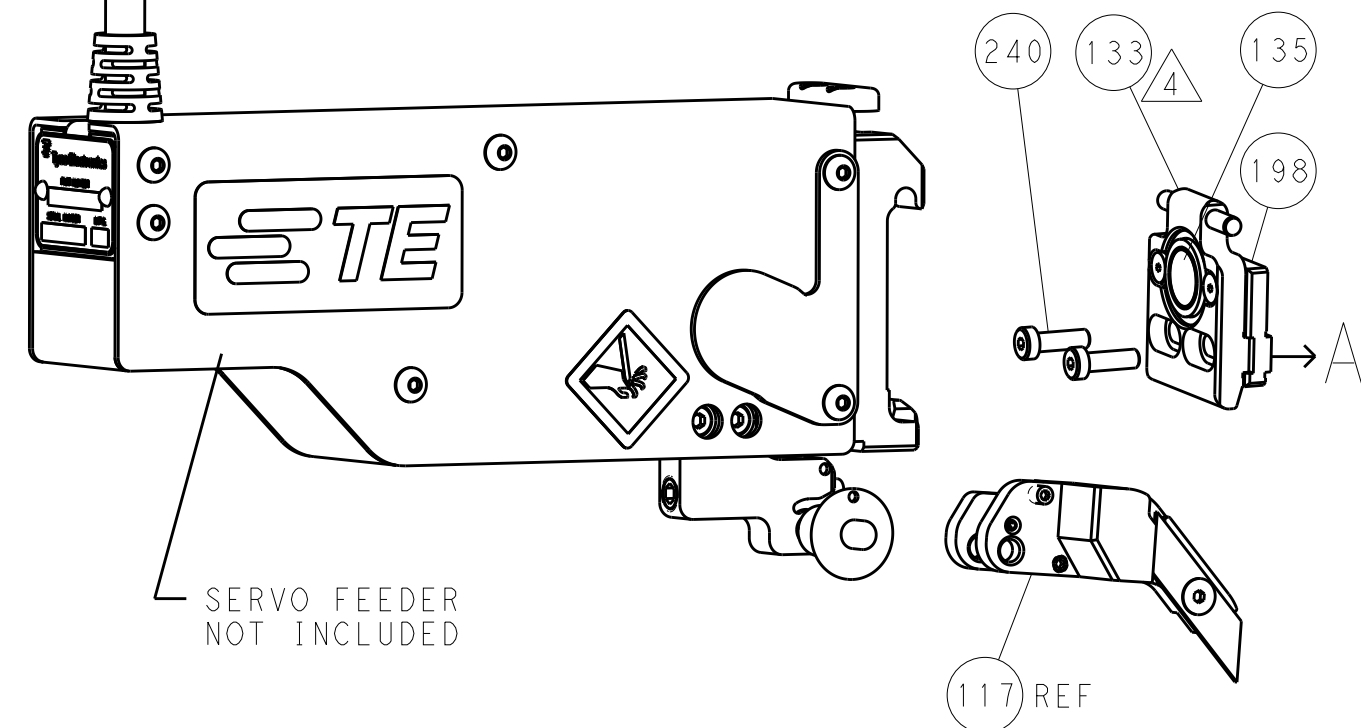
FEED TYPE  
MECHANICAL



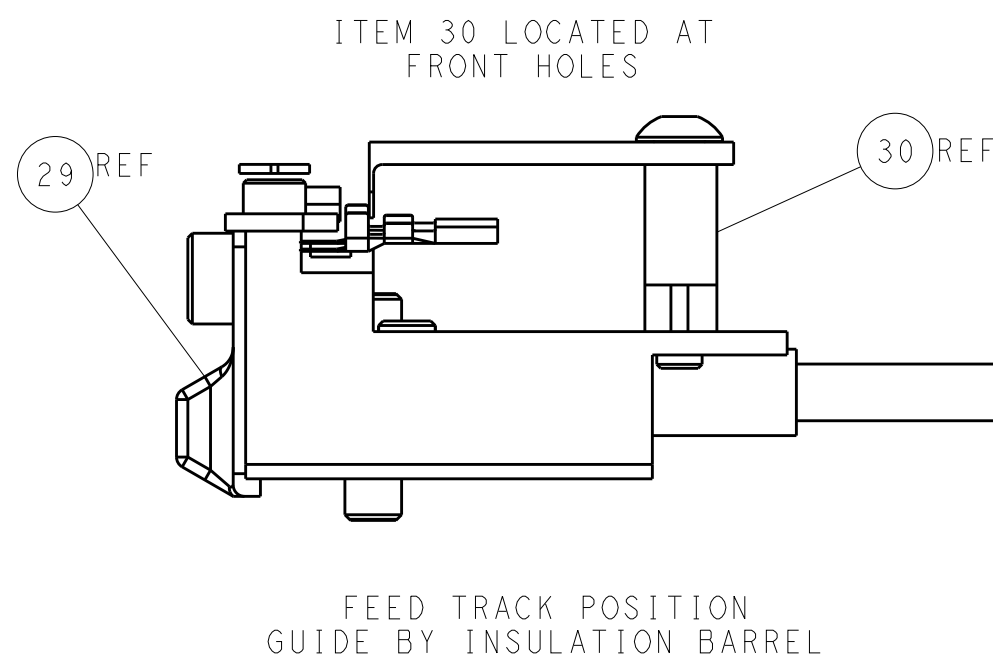
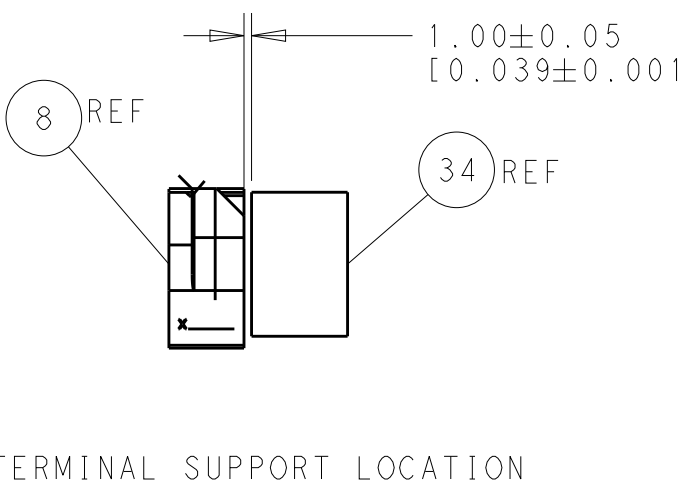
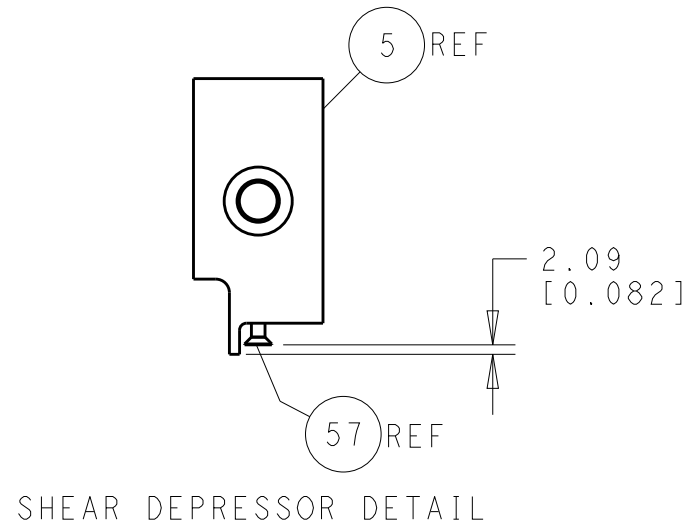
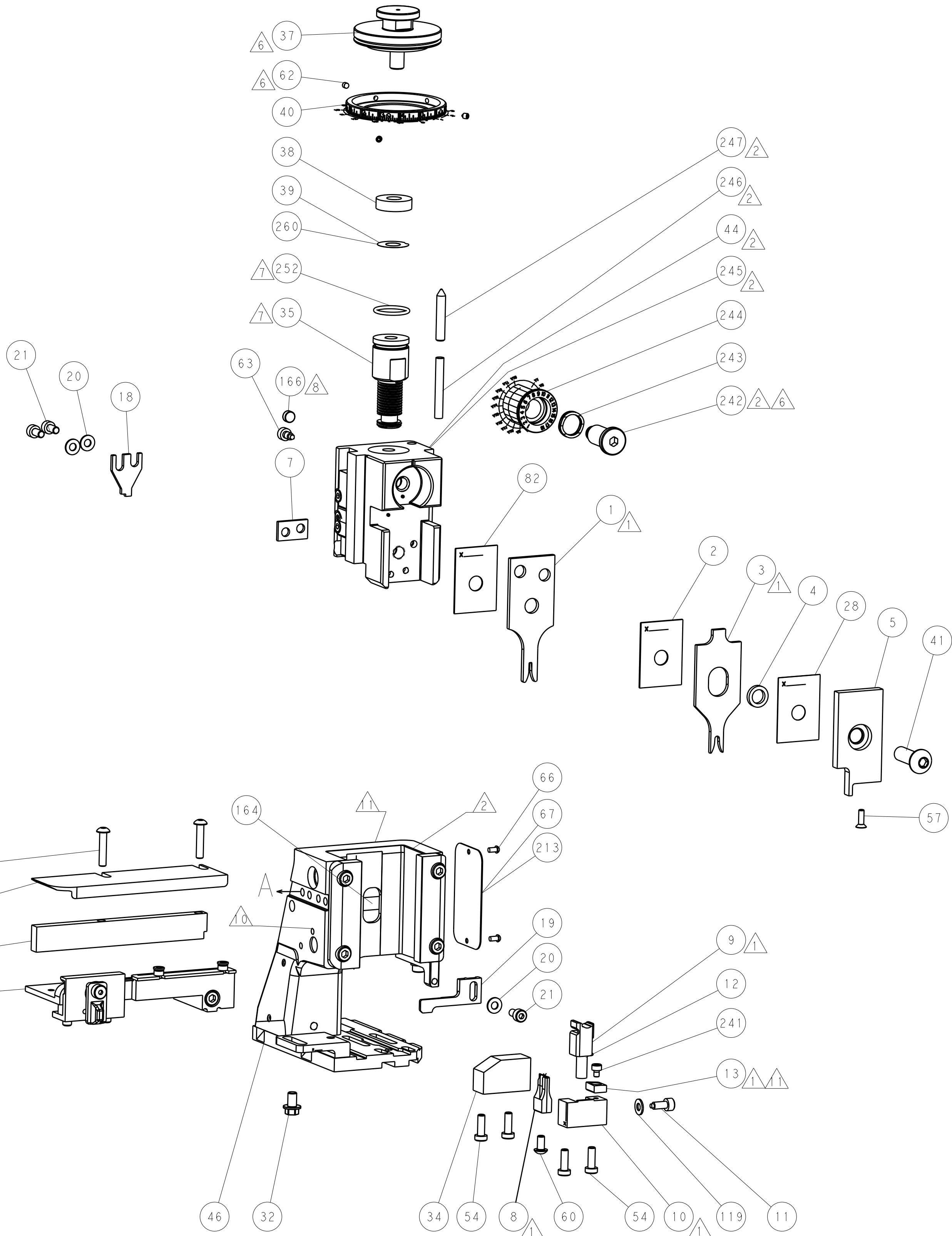
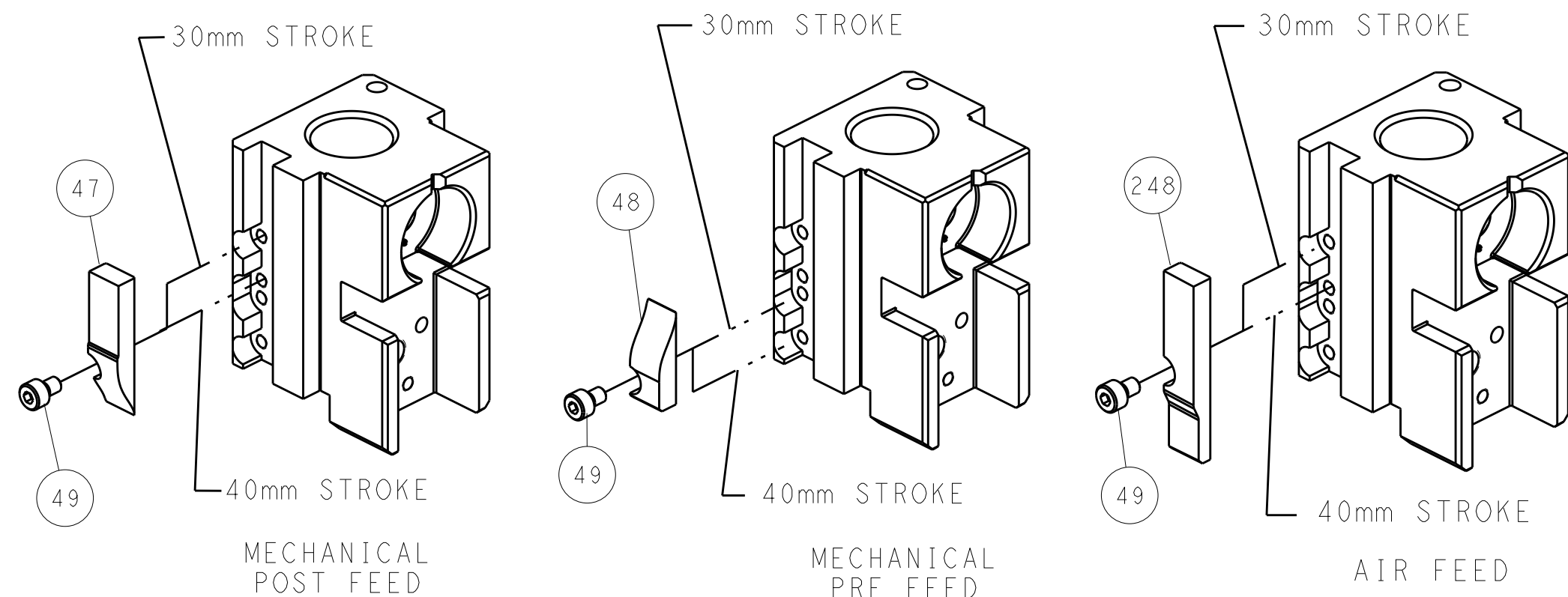
PNEUMATIC



SERVO  
LATCH PLATE

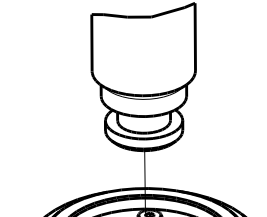


CAM POSITIONS



ATLANTIC VERSION  
Shown on sheets 1 of 4 & 2 of 4  
(Pacific version shown on sheets 3 of 4 & 4 of 4)

|               |  |                                        |  |                                        |  |           |  |           |  |                           |  |
|---------------|--|----------------------------------------|--|----------------------------------------|--|-----------|--|-----------|--|---------------------------|--|
| DIMENSIONS:   |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | DWN                                    |  | 06OCT2011 |  | STE       |  | TE Connectivity           |  |
| mm            |  | 0 PLC ±0.5                             |  | CHK                                    |  | 06OCT2011 |  | G. BAILEY |  | Harrisburg, PA 17105-3608 |  |
| 1 PLC ±0.13   |  | APVD                                   |  | T. ELBIN                               |  | 06OCT2011 |  | NAME      |  | Ocean Side Feed           |  |
| 2 PLC ±0.13   |  | PRODUCT SPEC                           |  | APPLICATION SPEC                       |  | SIZE      |  | CAGE CODE |  | DRAWING NO                |  |
| 3 PLC ±0.13   |  | WEIGHT                                 |  | CUSTOMER ACCESSIBLE PRODUCTION DRAWING |  | SCALE     |  | 1:2       |  | SHEET                     |  |
| 4 PLC ±0.0001 |  | FINISH                                 |  | RESTRICTED TO                          |  | A1        |  | 00779     |  | ©=2151104                 |  |
| ANGLES        |  | SCALE                                  |  | 1:2                                    |  | SHEET     |  | 2         |  | OF 4                      |  |
| FINISH        |  | REV                                    |  | E1                                     |  |           |  |           |  |                           |  |

|                                                                                  |  |                                                       |          |             |           |                                   |                       |           |             |           |           |                        |
|----------------------------------------------------------------------------------|--|-------------------------------------------------------|----------|-------------|-----------|-----------------------------------|-----------------------|-----------|-------------|-----------|-----------|------------------------|
| 8                                                                                |  | 7                                                     |          | 6           |           | 5                                 |                       | 4         |             | 3         |           |                        |
| THIS DRAWING IS UNPUBLISHED.                                                     |  | RELEASED FOR PUBLICATION                              |          | 28          |           |                                   |                       |           |             |           |           |                        |
| © COPYRIGHT 20                                                                   |  | BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED. |          |             |           |                                   |                       |           |             |           |           |                        |
| PACIFIC VERSION<br>TERMINATOR<br>INTERFACE ADAPTER                               |  | PART<br>NUMBER                                        | REVISION | DESCRIPTION | FEED TYPE | APPLICATOR STYLE CONVERSION CHART |                       |           |             |           |           |                        |
|  |  |                                                       |          |             |           | CONVERT TO                        | PART NUMBERS REQUIRED |           |             |           |           |                        |
|                                                                                  |  |                                                       |          |             |           | PNEUMATIC FEED                    | 2119950-1             | 1338685-1 | 5-18022-5   | 2119641-2 | 2119799-1 | 2063440-1              |
|                                                                                  |  |                                                       |          |             |           | SERVO LATCH PLATE                 | 2119951-1             | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
|                                                                                  |  |                                                       |          |             |           | SMART APPLICATOR                  | 2161326-1             | -         | 8-2151104-4 | -         | -         | -                      |
|                                                                                  |  |                                                       |          |             |           | MECHANICAL FEED                   | 2119949-1             | 1338685-1 | 5-18022-5   | 2119653-2 | -         | -                      |
|                                                                                  |  |                                                       |          |             |           | SERVO LATCH PLATE                 | 2119951-1             | -         | 8-2151104-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |
|                                                                                  |  |                                                       |          |             |           | SMART APPLICATOR                  | 2161326-1             | -         | 8-2151104-4 | -         | -         | -                      |
|                                                                                  |  |                                                       |          |             |           | MECHANICAL FEED                   | 2119949-1             | 1338685-1 | 5-18022-5   | 2119653-2 | -         | -                      |
|                                                                                  |  |                                                       |          |             |           | PNEUMATIC FEED                    | 2119950-1             | 1338685-1 | 5-18022-5   | 2119641-2 | 2119799-1 | 2063440-1              |
|                                                                                  |  |                                                       |          |             |           | -                                 | -                     | -         | -           | -         | -         | -                      |
|                                                                                  |  |                                                       |          | -           | -         | -                                 | -                     | -         | -           | -         |           |                        |

| APPLICATOR DATA                      |                  |                                                                                   |
|--------------------------------------|------------------|-----------------------------------------------------------------------------------|
| CRIMP                                | SIZE             | TYPE                                                                              |
| WIRE                                 | 1.40 mm [ .055 ] | F                                                                                 |
| INSUL                                | 2.90 mm [ .114 ] | O                                                                                 |
| APPLICATOR INSTRUCTIONS<br>408-10389 |                  |  |

|                                             |                                                                                   |                           |                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|
| TERMINAL DATA: TE TERMINAL                  |                                                                                   | TE CRIMP SPECIFICATION    |                                                                                   |
| TERMINAL NAME: MICRO QUADLOCK SYSTEM W/SEAL |                                                                                   |                           |                                                                                   |
| WIRE STRIP LENGTH                           |  | INSULATION DIAMETER RANGE |                                                                                   |
| 3.05-3.35 mm [.120-.132 IN]                 |                                                                                   | $\varnothing$             |  |
| TERMINAL APPLICATION SPECIFICATION          | 114-18025                                                                         | -                         | -                                                                                 |
|                                             |                                                                                   | -                         | -                                                                                 |

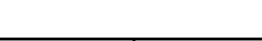
| TERMINALS APPLIED |             |          |         | CABLE DIAMETER  |
|-------------------|-------------|----------|---------|--------------------------------------------------------------------------------------------------|
| TE TERMINAL       | TE TERMINAL | TE SEAL  | TE SEAL |                                                                                                  |
| 962885-1          | 2-962886-2  | 967067-1 |         | Ø 1.4-2.1 mm                                                                                     |
| 962885-5          | 5-962886-1  | 967067-2 |         | Ø 0.9-1.4 mm                                                                                     |
| 962885-6          | 5-962886-2  | 963142-2 |         | Ø 0.9-1.3 mm                                                                                     |
| 2-962885-5        | 7-962886-2  |          |         |                                                                                                  |
| 5-962885-1        | 963927-1    |          |         |                                                                                                  |
| 5-962885-5        | 963927-2    |          |         |                                                                                                  |
| 5-962885-6        | 963929-1    |          |         |                                                                                                  |
| 7-962885-5        | 963929-2    |          |         |                                                                                                  |
| 962886-1          | 1-963929-1  |          |         |                                                                                                  |
| 962886-2          | 1-963929-2  |          |         |                                                                                                  |
| 1-962886-1        |             |          |         |                                                                                                  |

| WIRE<br>SIZE |  |  | CRIMP HEIGHT<br>mm [INCH]   |  | CRIMP HEIGHT<br>REFERENCE SETTING |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| 0.50mm2      |                                                                                     |                                                                                     | 0.86 ± 0.03 [0.034 ± 0.001] |                                                                                     | 7.7                               |
| 0.35mm2      |                                                                                     |                                                                                     | 0.76 ± 0.03 [0.030 ± 0.001] |                                                                                     | 8.7                               |
| 0.25mm2      |                                                                                     |                                                                                     | 0.72 ± 0.03 [0.028 ± 0.001] |                                                                                     | 9.1                               |
| 0.20mm2      |                                                                                     |                                                                                     | 0.69 ± 0.03 [0.027 ± 0.001] |                                                                                     | 9.4                               |

\*WARNING  
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO  
LARGEST WIRE SIZE SETTING. USE OF SETTINGS  
BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING  
WILL CAUSE DAMAGE TO CRIMP TOOLING.

|                           |     |             |            |           |     |      |
|---------------------------|-----|-------------|------------|-----------|-----|------|
| 2                         |     |             |            | 1         |     |      |
| SET UP GAUGE<br>2119599-1 |     | LOC<br>A    | DIST<br>66 | REVISIONS |     |      |
| P                         | LTR | DESCRIPTION |            | DATE      | DRN | APVD |
|                           | -   | SEE SHEET 1 |            | -         | -   | -    |
|                           |     |             |            |           |     |      |
|                           |     |             |            |           |     |      |
|                           |     |             |            |           |     |      |
|                           |     |             |            |           |     |      |
|                           |     |             |            |           |     |      |

|     |     |     |     |     |             |                                     |         |
|-----|-----|-----|-----|-----|-------------|-------------------------------------|---------|
| -   | 1   | 1   | 1   | 1   | 2119782-1   | FINE ADJUST HEAD ASM, PACIFIC STYLE | 251     |
| -   | -   | -   | 1   | -   | 2119640-1   | PUSH ROD, AIR FEED                  | 250     |
| -   | -   | -   | 1   | -   | 2079988-1   | BUSHING, LCH5-12, MISUMI            | 249     |
| -   | 1   | 1   | 1   | 1   | 1-22279-3   | SPRING, COMPRESSION                 | 246     |
| -   | 1   | 1   | 1   | 1   | 2119082-8   | CAM, SNAIL, INSULATION ADJUSTMENT   | 244     |
| -   | 1   | 1   | 1   | 1   | 2079764-1   | WASHER, WAVE SPRING, CREST-TO-CREST | 243     |
| -   | 1   | 1   | 1   | 1   | 2119083-1   | RETAINER, INSULATION DIAL           | 242     |
| -   | 1   | 1   | 1   | 1   | 7-18023-7   | SCR, SKT HD CAP M3 X 4.0            | 241     |
| -   | -   | 2   | -   | -   | 2168400-6   | SHCS, LOW HEAD, RoHS, M5 X 16       | 240     |
| -   | -   | -   | -   | 1   | 2119580-1   | MECHANICAL FEED ASSEMBLY            | 239     |
| -   | -   | -   | 1   | -   | 2063440-1   | AIR FEED MODULE                     | 238     |
| -   | -   | 1   | -   | -   | 2119740-2   | TAG, IDENTIFICATION                 | 213     |
| -   | -   | 1   | -   | -   | 1901094-3   | SPACER, FEEDER                      | 19      |
| -   | -   | -   | 2   | -   | 21045-3     | RING, RETAIN, EXTERN, 3/16 CRESCENT | 172     |
| -   | 1   | 1   | 1   | 1   | 994969-1    | MAGNET, RARE EARTH HIGH ENERGY      | 166     |
| -   | REF | REF | REF | REF | 994970-2    | COUNTER, MAGNETIC                   | 164     |
| -   | -   | -   | 1   | -   | 240638-1    | SPRING, FEED FINGER                 | 163     |
| -   | 1   | 1   | 1   | 1   | 8-21084-1   | O-RING, .801 ID, .070 DIA. MAT.     | 152     |
| -   | -   | -   | 1   | -   | 2119641-2   | FEED CAM, AIR FEED                  | 151     |
| -   | 1   | 1   | 1   | 1   | 2119798-2   | DETENT PIN                          | 145     |
| -   | 1   | 1   | 1   | 1   | 2079383-8   | SCR, BHSC, RoHS (M4 X 16)           | 144     |
| -   | 4   | 4   | 4   | 4   | 2168400-5   | SHCS, LOW HEAD, RoHS, M4 X 20       | 143     |
| -   | -   | -   | -   | 1   | 2119653-2   | FEED CAM, POST FEED                 | 142     |
| -   | 1   | 1   | 1   | 1   | 1-2119656-0 | APPLICATOR BASIC ASSEMBLY, SF       | 141     |
| -   | 1   | 1   | 1   | 1   | 2119650-1   | RAM, ASIAN STYLE, SIDE FEED         | 140     |
| -   | 1   | 1   | 1   | 1   | 2119092-2   | BOLT, ADJUSTMENT                    | 139     |
| -   | -   | -   | 1   | -   | 3-23627-7   | PIN, RETAIN, GRVD, 3/16 X .854      | 137     |
| -   | -   | -   | 1   | -   | 2119799-1   | HOLDER,FEED FINGER, AF              | 136     |
| -   | -   | REF | -   | -   | SEE NOTE 4  | MEMORY CHIP, PROGRAMMED             | 135     |
| -   | -   | 1   | -   | -   | 1633743-1   | SERVO FEED LATCH ASM                | 133     |
| -   | 1   | 1   | 1   | 1   | 1-18028-2   | WASHER, FLAT, REG M4                | 119     |
| -   | -   | REF | -   | -   | 2119944-1   | FEED FINGER ASSEMBLY,SF             | 117     |
| -   | 1   | 1   | 1   | 1   | 455888-6    | SPACER, CRIMPER                     | 82      |
| -   | 1   | 1   | 1   | 1   | 2119956-1   | DOCUMENTATION PACKAGE               | 71      |
| -   | 1   | -   | 1   | 1   | 2119740-1   | TAG,IDENTIFICATION                  | 67      |
| -   | 2   | 2   | 2   | 2   | 2168078-1   | SCREW, DRIVE, RH, RoHS, 2 x .188    | 66      |
| -   | 1   | 1   | 1   | 1   | 2119793-1   | LIMITER, ADJUSTMENT BOLT            | 63      |
| -   | 3   | 3   | 3   | 3   | 992763-5    | SCR, SET, SOC, CONE POINT, M3 x 4.0 | 62      |
| -   | -   | -   | 1   | 1   | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           | 59      |
| -   | 1   | 1   | 1   | 1   | 985575-3    | SCR, FLT SKT HD CAP M3 X 10.0       | 57      |
| -   | -   | -   | 1   | 1   | 1338685-1   | PAWL, FEED                          | 56      |
| -   | 2   | 2   | 2   | 2   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 53      |
| -   | -   | -   | 1   | 2   | 18023-9     | SCR, SKT HD CAP M4 X 6.0            | 49      |
| -   | -   | -   | -   | 1   | 2119652-1   | FEED CAM, PRE FEED                  | 48      |
| -   | 1   | 1   | 1   | 1   | 2079383-7   | SCR, BHSC, RoHS (M8 X 25)           | 41      |
| -   | 1   | 1   | 1   | 1   | 2119645-1   | DISC, NUMBERED FA WIRE ADJUSTMENT   | 40      |
| -   | 1   | 1   | 1   | 1   | 2119957-1   | APPLICATOR SHIM PACK                | 39      |
| -   | 1   | 1   | 1   | 1   | 2119644-1   | RAM WASHER, PRECISION               | 38      |
| -   | 1   | 1   | 1   | 1   | 1752356-6   | SUPPORT, TERMINAL                   | 34      |
| -   | 2   | 2   | 2   | 2   | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           | 33      |
| -   | 1   | 1   | 1   | 1   | 2161328-1   | HEX HEAD, FLANGED, M5 x 8mm LONG    | 32      |
| -   | 1   | 1   | 1   | 1   | 1-1320908-0 | SPACER, STRIP GUIDE                 | 30      |
| -   | 1   | 1   | 1   | 1   | 2119959-1   | ASSEMBLY, STRIP GUIDE               | 29      |
| -   | 1   | 1   | 1   | 1   | 455888-3    | SPACER, CRIMPER                     | 28      |
| -   | 1   | 1   | 1   | 1   | 1320928-2   | STRIP GUIDE                         | 24      |
| -   | 1   | 1   | 1   | 1   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 21      |
| -   | 3   | 3   | 3   | 3   | 1-18028-2   | WASHER, FLAT, REG M4                | 20      |
| -   | 1   | 1   | 1   | 1   | 2119533-1   | STRIPPER, SIDE FEED                 | 19      |
| -   | 1   | 1   | 1   | 1   | 879657-2    | HOLD DOWN                           | 18      |
| -   | 1   | 1   | 1   | 1   | 2119806-1   | INSERT, SHEAR                       | 13      |
| -   | 1   | 1   | 1   | 1   | 3-22280-3   | SPRING, COMPRESSION                 | 12      |
| -   | 1   | 1   | 1   | 1   | 1-356885-4  | STOP, SHEAR                         | 11      |
| -   | 1   | 1   | 1   | 1   | 2119805-1   | SHEAR HOLDER, FRONT                 | 10      |
| -   | 1   | 1   | 1   | 1   | 318707-1    | FLOATING SHEAR, FRONT               | 9       |
| 1   | 1   | 1   | 1   | 1   | 1333201-8   | ANVIL, COMBINATION                  | 8       |
| -   | 1   | 1   | 1   | 1   | 4-240641-2  | SPACER                              | 7       |
| -   | 1   | 1   | 1   | 1   | 2119781-1   | DEPRESSOR, SHEAR                    | 5       |
| -   | 1   | 1   | 1   | 1   | 1-238011-7  | BLOCK, CRIMPER SPACER               | 4       |
| 1   | 1   | 1   | 1   | 1   | 8-2119784-2 | CRIMPER, INSULATION O PREMIUM       | 3       |
| -   | 1   | 1   | 1   | 1   | 455888-7    | SPACER, CRIMPER                     | 2       |
| 1   | 1   | 1   | 1   | 1   | 1-562108-5  | CRIMPER, WIRE, F                    | 1       |
| -77 | -27 | -25 | -22 | -21 | PART NO     | DESCRIPTION                         | ITEM NO |

|                                                                                                                |  |                                                                                                                                 |  |                                                                                                                                    |  |
|----------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|
| 101. DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE. DIMENSIONS SHALL BE CONTROLS FOR THE LATEST VERSION. |  | OWN 060C12011<br>STAKEM<br>CHK G. BAILEY 060C12011<br>APP E. ELGIN 060C12011                                                    |  |  TE Connectivity<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm                                                                                              |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.1<br>1 PLC ±0.5<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±0.0001<br>ANGLES ±.1 |  | NAME Ocean Side Feed Applicator                                                                                                    |  |
|                           |  | PRODUCT SPEC                                                                                                                    |  | SIZE CAGE CODE DRAWING NO                                                                                                          |  |
| MATERIAL                                                                                                       |  | APPLICATION SPEC                                                                                                                |  | A   00779 C=2151104                                                                                                                |  |
| FINISH                                                                                                         |  | WEIGHT                                                                                                                          |  | RESTRICTED TO                                                                                                                      |  |
| CUSTOMER ACCESSIBLE PRODUCTION                                                                                 |  | SCALE 1:2                                                                                                                       |  | SHEET 3 OF 4 REV E                                                                                                                 |  |

PACIFIC VERSION  
 Shown on sheets 3 of 4 & 4 of 4  
 (Atlantic version shown on sheets 1 of 4 & 2 of 4)

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| A   | 66   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

D

C

B

A

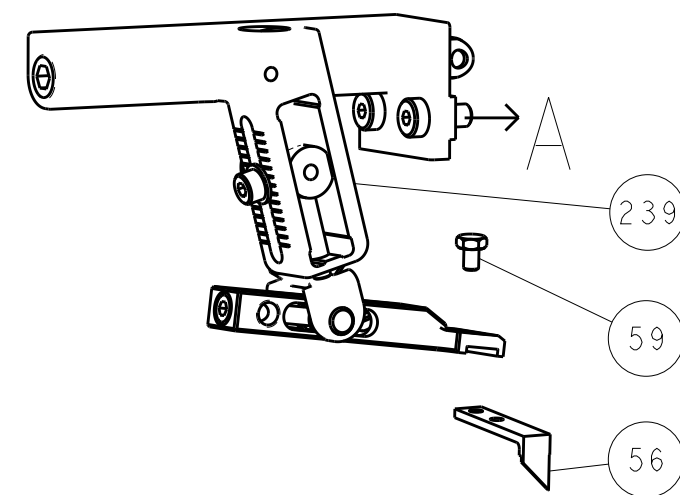
D

C

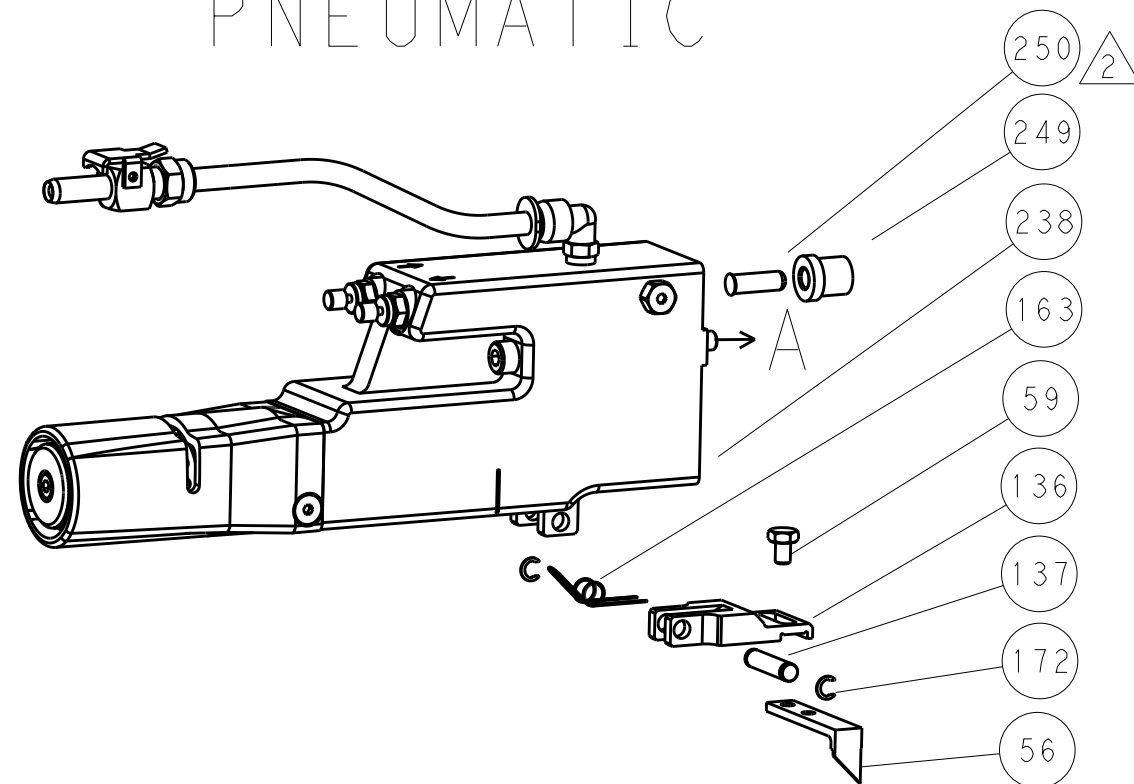
B

A

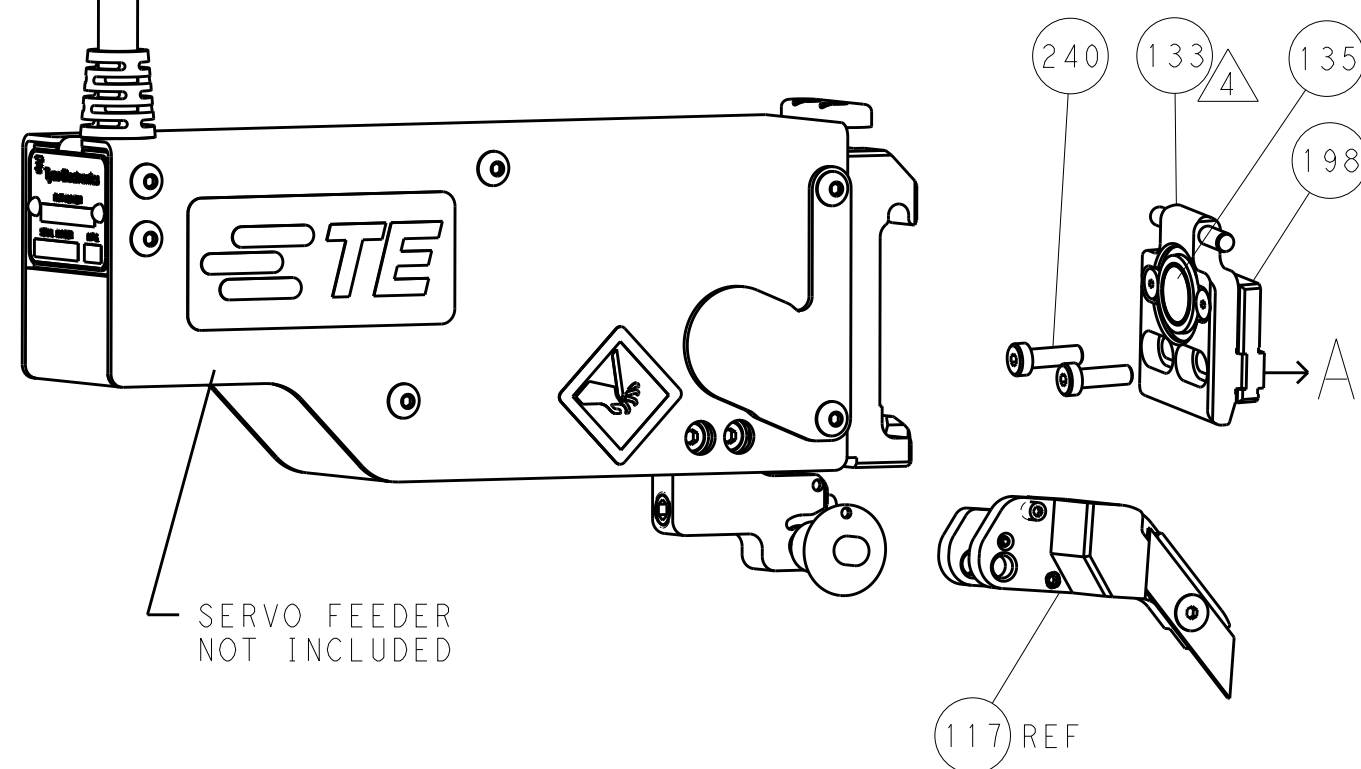
## FEED TYPE MECHANICAL



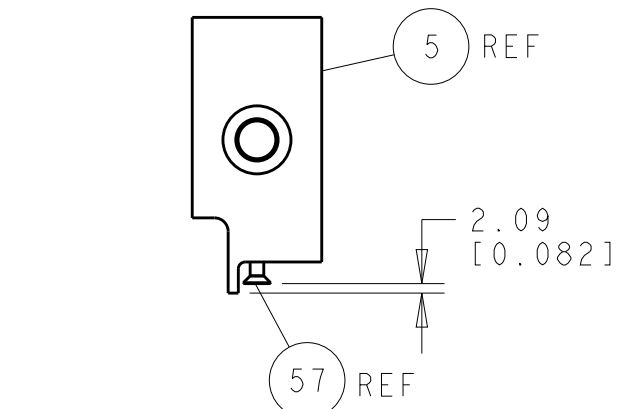
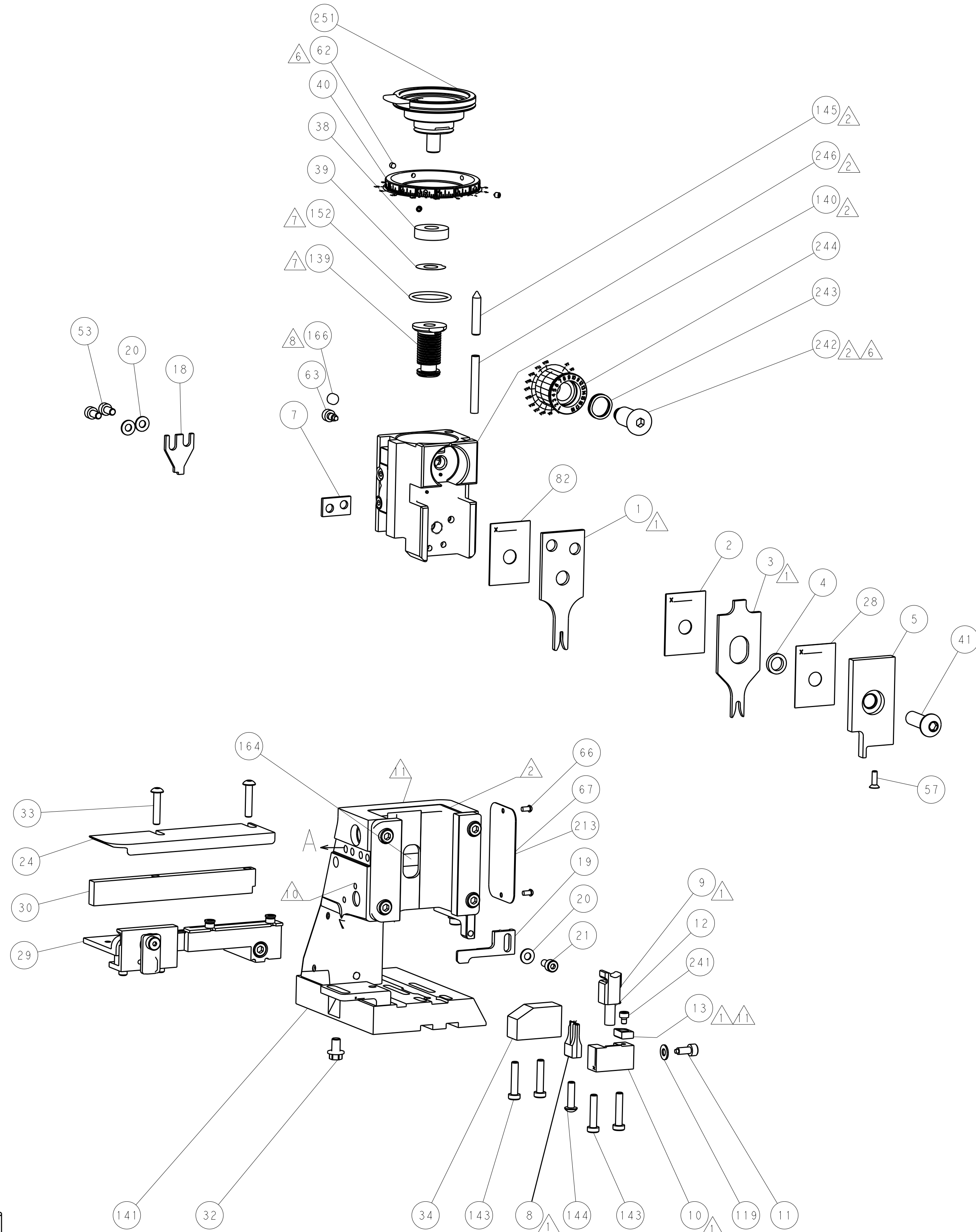
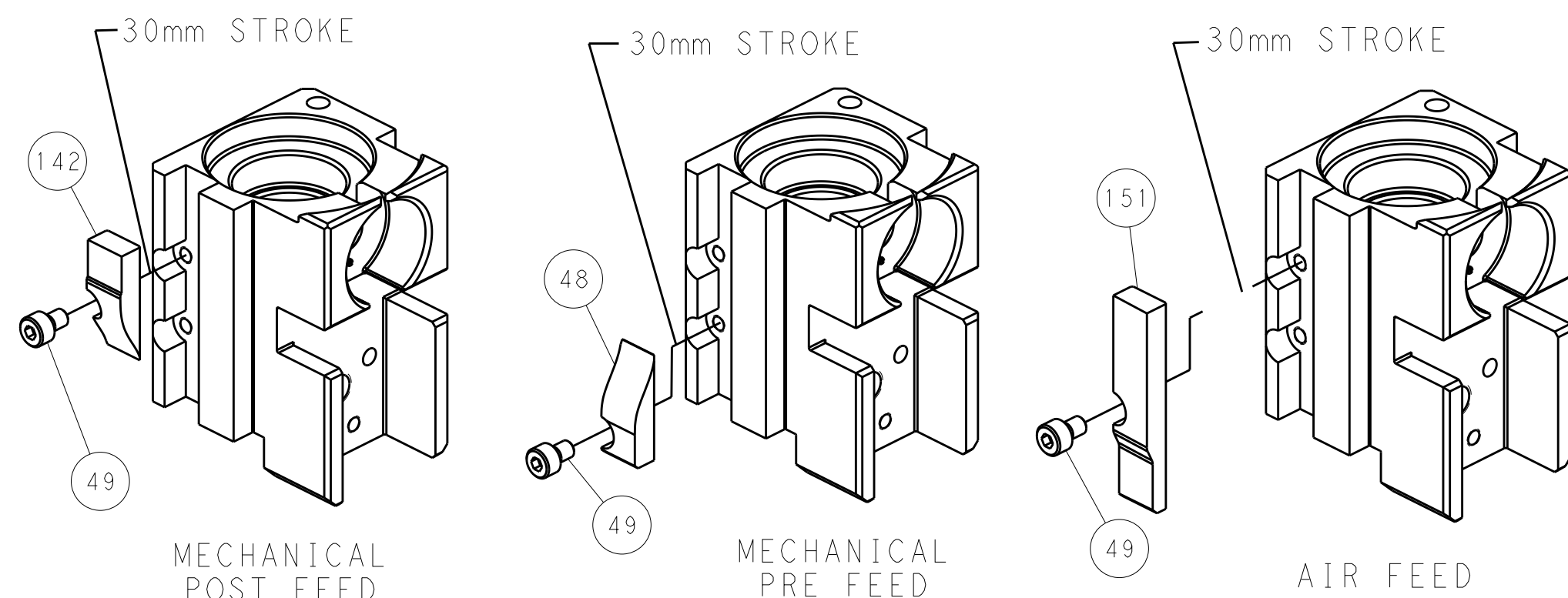
## PNEUMATIC



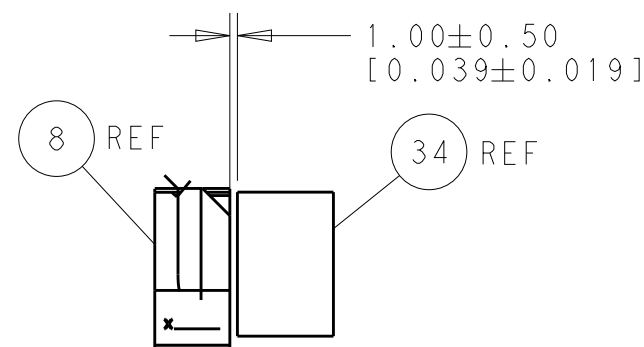
## SERVO LATCH PLATE



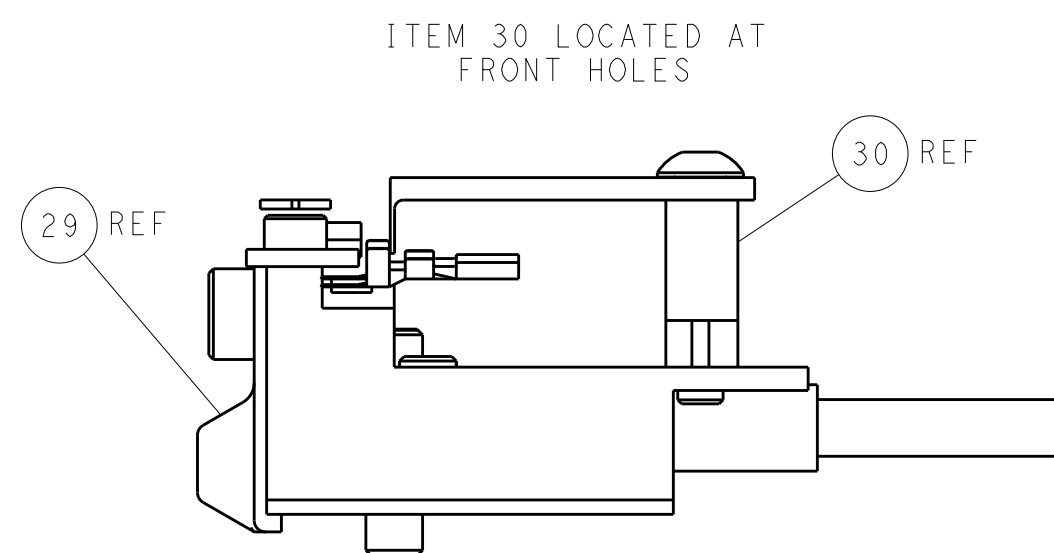
## CAM POSITIONS



SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



FEED TRACK POSITION  
GUIDE BY INSULATION BARREL

PACIFIC VERSION  
Shown on sheets 3 of 4 & 4 of 4  
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

|                                                                                                                                        |  |                               |                                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|----------------------------------------------|--|
| 1. THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND SHOULD BE CONTACTED FOR THE LATEST REVISION.                               |  | DWN<br>K. STANEM<br>06OCT2011 | TE Connectivity<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm                                                                                                                      |  | CHK<br>G. BAILEY<br>06OCT2011 | NAME<br>Ocean Side Feed<br>Applicator        |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±.5<br>1 PLC ±0.13<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±0.0001<br>ANGLES FINISH |  | APVD<br>T. ELBIN<br>06OCT2011 | SIZE<br>A1<br>00779<br>C=2151104             |  |
| MATERIAL                                                                                                                               |  | PRODUCT SPEC                  | RESTRICTED TO                                |  |
|                                                                                                                                        |  | APPLICATION SPEC              | CUSTOMER ACCESSIBLE PRODUCTION DRAWING       |  |
|                                                                                                                                        |  | WEIGHT                        | SCALE<br>1:2                                 |  |
|                                                                                                                                        |  |                               | SHEET<br>4 OF 4                              |  |
|                                                                                                                                        |  |                               | REV<br>E1                                    |  |

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

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