

8

7

6

5

4

3

2

1

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20

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ATLANTIC VERSION  
TERMINATOR  
INTERFACE ADAPTER

PART  
NUMBER

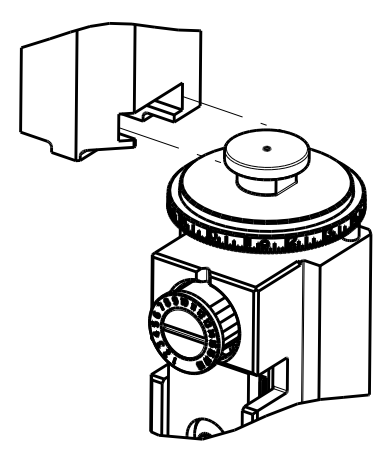
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151066-1

C

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151066-2

C

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

2151066-5

C

FINE CRIMP HEIGHT ADJUST

SERVO  
LATCH PLATE<sup>4</sup>

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

1338685-1

5-18022-5

2119653-1

-

2119799-1

2063440-1

2151066-6

C

NON-CRIMP HEIGHT ADJUST

SERVO  
LATCH PLATE<sup>4</sup>

-

-

-

-

-

-

2151066-7

C

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151066-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.03 mm [ .080 ]

F

INSUL

2.54 mm [ .100 ]

O

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: MQS 1.5 SCOKET CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.40-4.70 mm [ .173-.185 IN ]

Ø1.70-2.40 mm [ .067-.094 IN ]

TERMINAL APPLICATION SPECIFICATION

114-18286

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

1241608-1

1241608-3

1241608-6

5-1241608-1

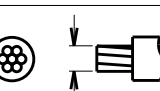
1355553-1

1355553-3

1-1452058-1

1-1452058-3

WIRE SIZE



CRIMP HEIGHT mm [ INCH ]



CRIMP HEIGHT REFERENCE SETTING



1.50mm2

1.44+/-0.03 [ .057+/- .001 ]

3.0

1.00mm2

1.25+/-0.03 [ .049+/- .001 ]

5.0

0.75mm2

1.15+/-0.03 [ .045+/- .001 ]

6.0



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: 8-2151066-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151066-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151066-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151066-6

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 50, 62 & 242.  
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37, 50 & 242.

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

6

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1

SET UP GAUGE

2119599-1

LOC

A

DIST

66

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

C

ECR-13-004773

15MAR2013

RK

GB

6

5

4

3

2

1

1-22279-3

246

2119758-1

245

2119082-9

244

2079764-1

243

2119083-1

242

7-18023-7

241

2168400-6

240

2119580-1

239

2063440-1

238

2119740-2

213

1901094-3

198

993111-1

177

8-22280-7

176

1752353-2

175

1901680-2

174

21045-3

172

994969-1

166

994970-2

164

240638-1

163

3-23627-7

137

2119799-1

136

SEE NOTE 4

135

1633743-1

133

1-18028-2

119

2119944-1

117

455888-5

82

5-547505-2

77

854769-4

74

2119956-1

71

2119740-1

67

2168078-1

66

2119793-1

63

992763-5

62

2079383-4

60

5-18022-5

59

21028-2

58

1338685-1

56

2168400-1

54

1-5018030-0

52

1901681-1

51

1-1752354-7

50

18023-9

49

2119652-1

48

2119653-1

47

2119656-9

46

2119370-1

44

2079383-7

41

2119645-1

40

2119957-1

39

2119644-1

38

2119085-1

37

2119092-1

35

2-1752356-0

34

2079383-5

33

2161328-1

32

1320908-3

30

2119959-1

29

1-455888-0

28

1320928-2

24

2168083-2

21

1-18028-2

20

2119533-1

19

2119806-1

13

3-22280-3

12

1-356885-4

11

2119805-1

10

462006-6

9

3-1333204-0

8

2119780-9

5

4-238011-5

4

2-2119784-3

3

455888-4

2

2-562108-8

1

6

5

4

3

2

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

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

THIS IS SUBJECT TO CHANGE AND TO BE USED FOR INFORMATION ONLY. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION AND CONTACTING THE SUPPLIER FOR THE LATEST REVISION.

OWN

CHK

S.XI

APVD

1. CRUZ

04MAY2011

04MAY2011

04MAY2011

DIMENSIONS:

mm

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

±.5

±0.13

±0.013

±0.001

±.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

MATERIAL

.

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Accessible Production Drawing

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

Harrisburg, PA 17105-3608

Ocean Side Feed

Applicator

00779

©=2151066

1

4

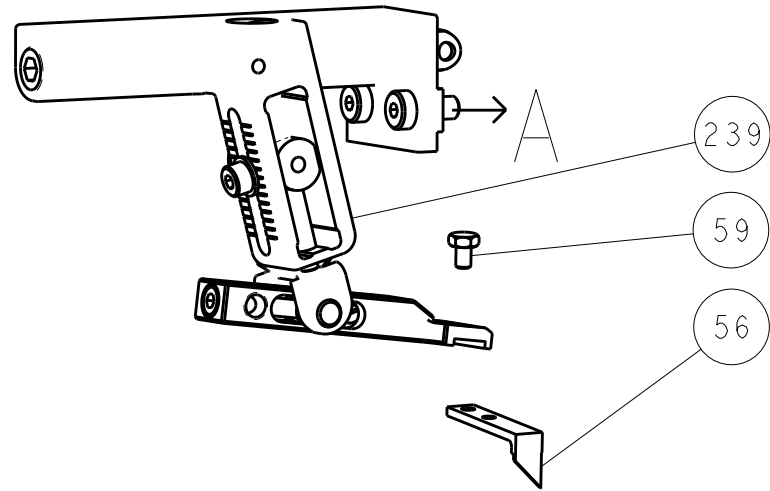
REV

C

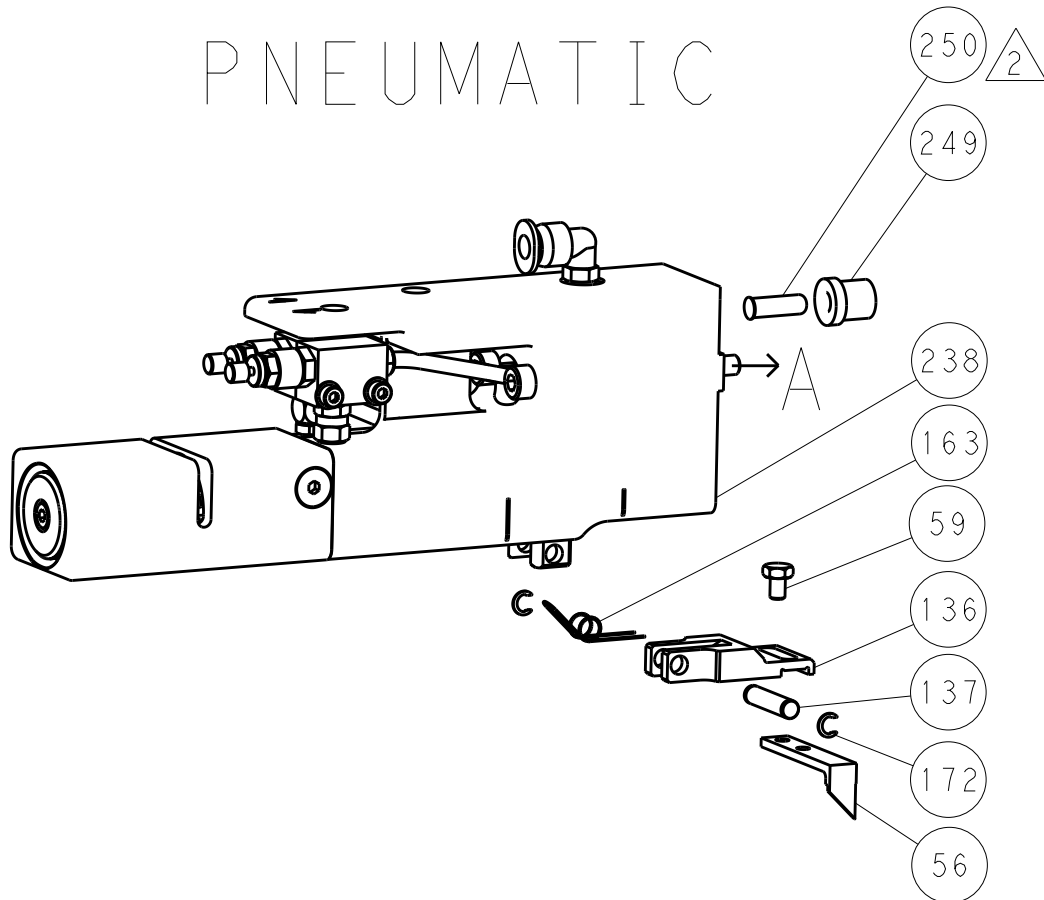
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

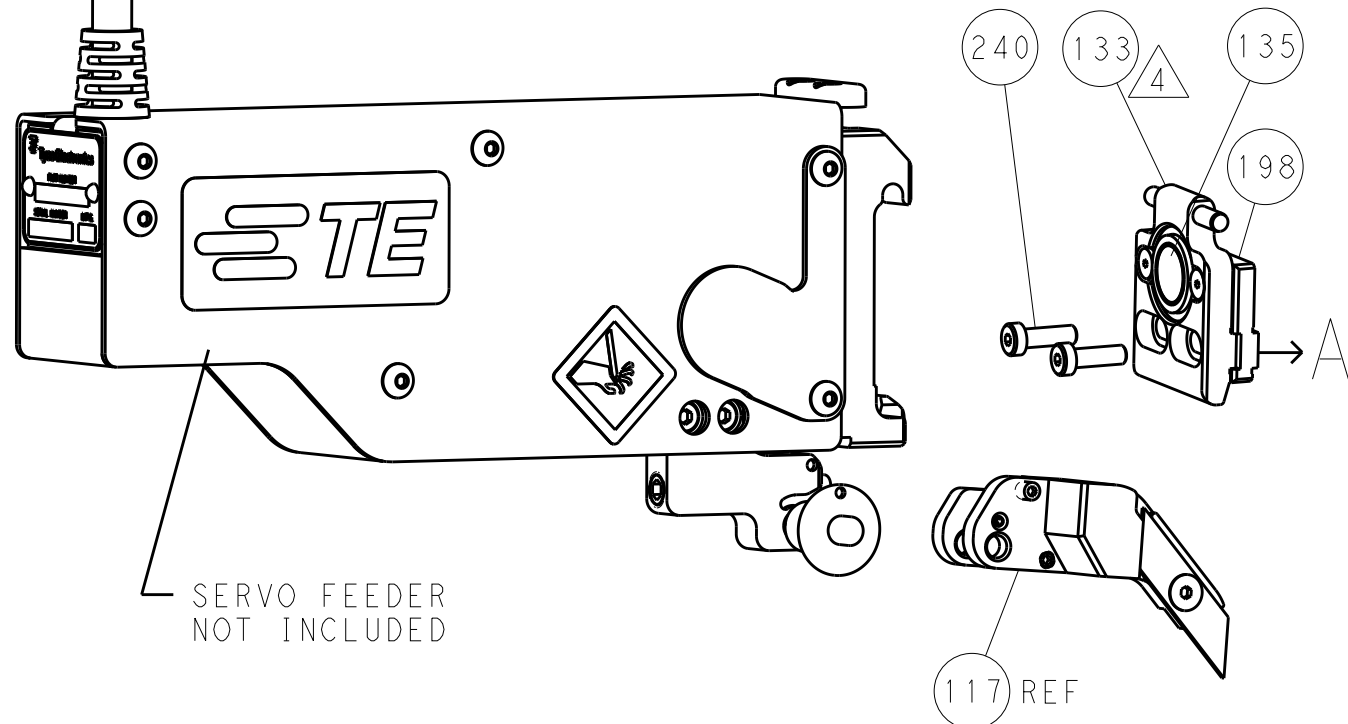
FEED TYPE  
MECHANICAL



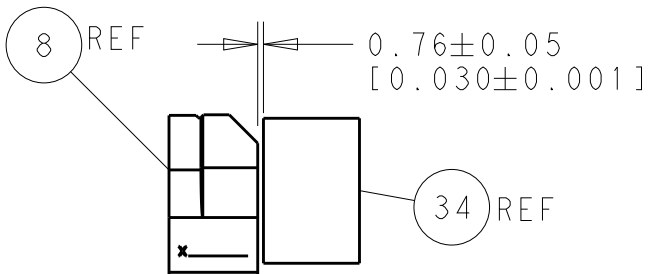
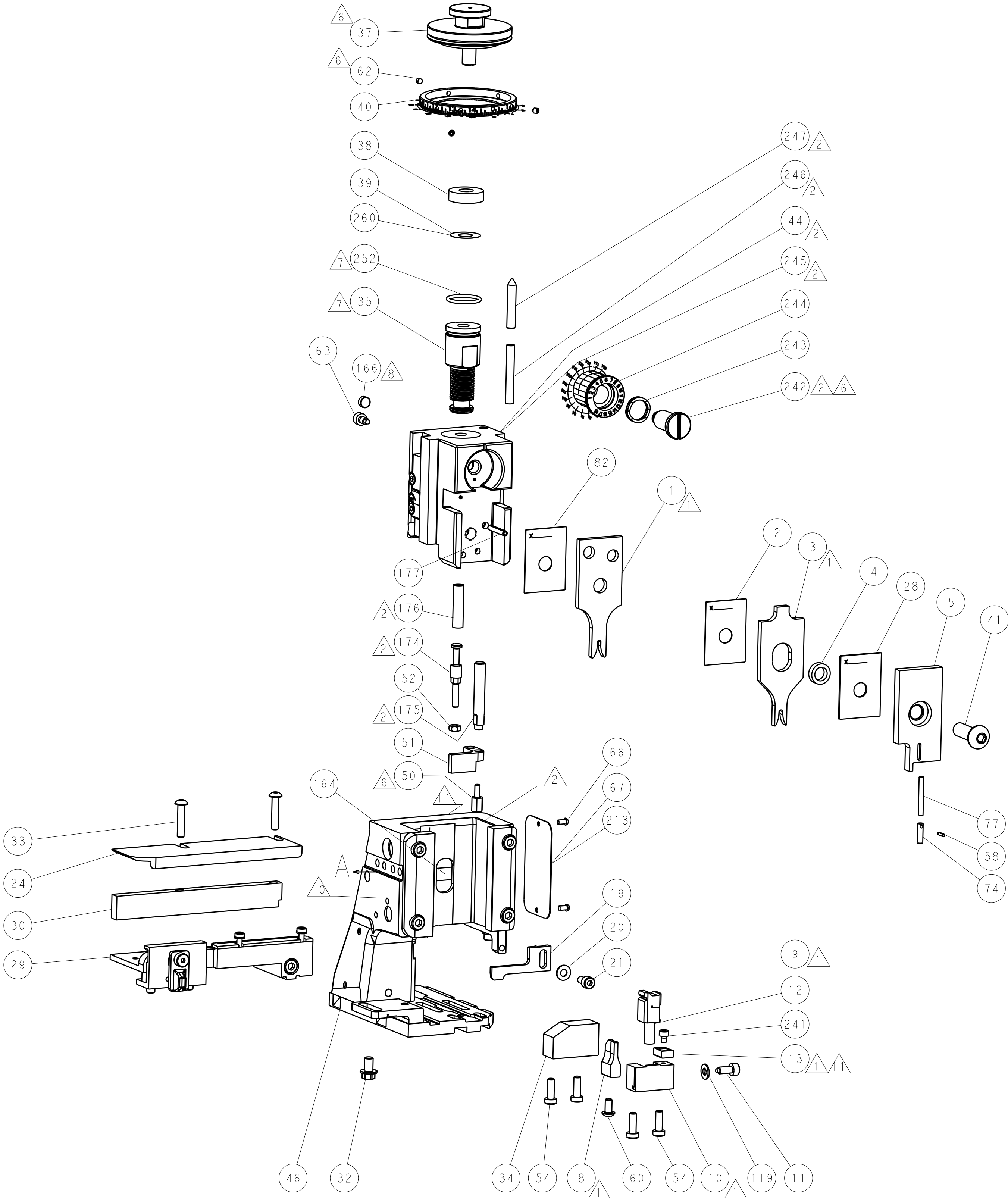
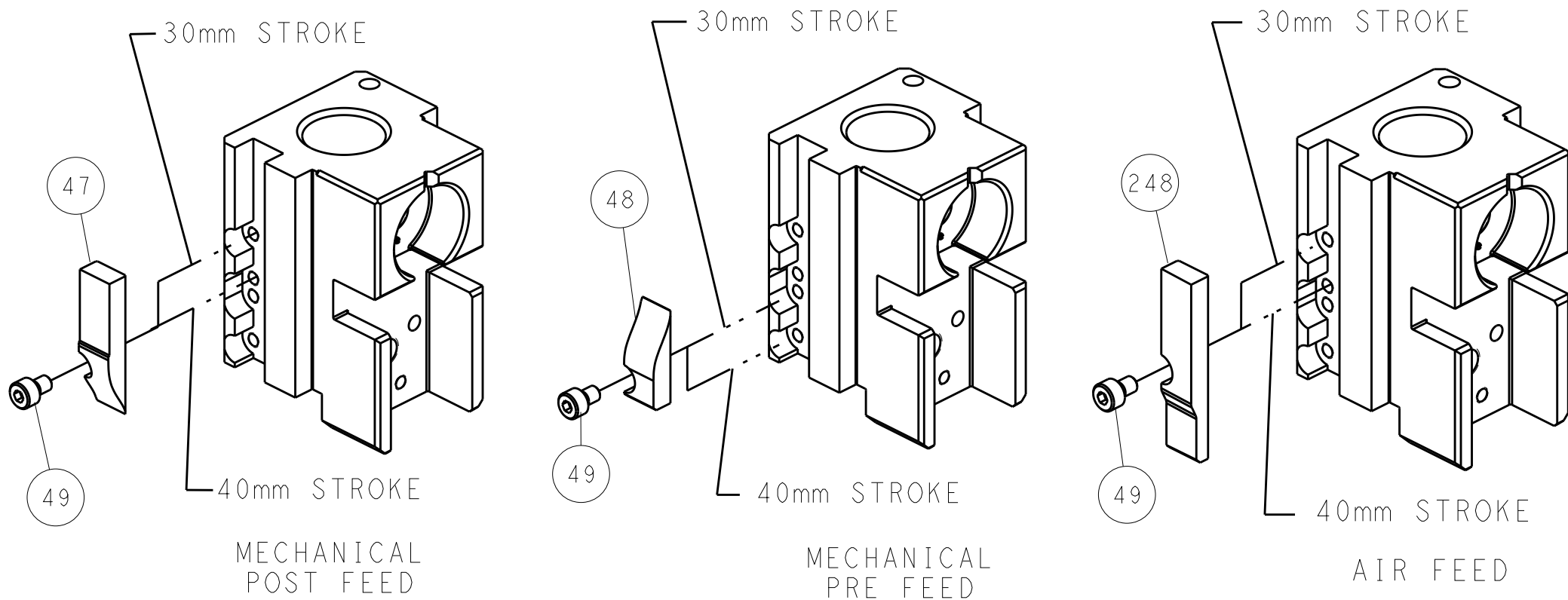
PNEUMATIC



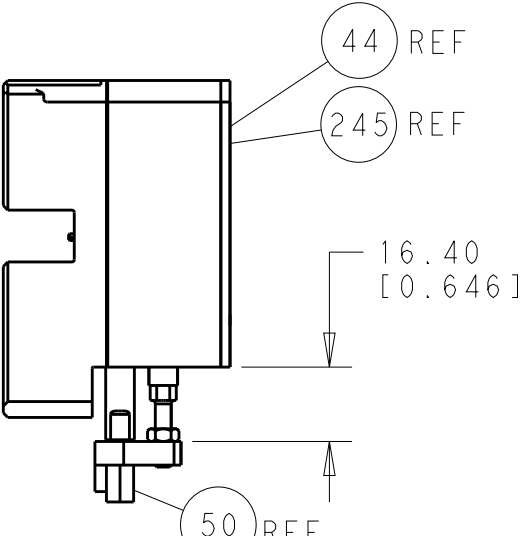
SERVO  
LATCH PLATE



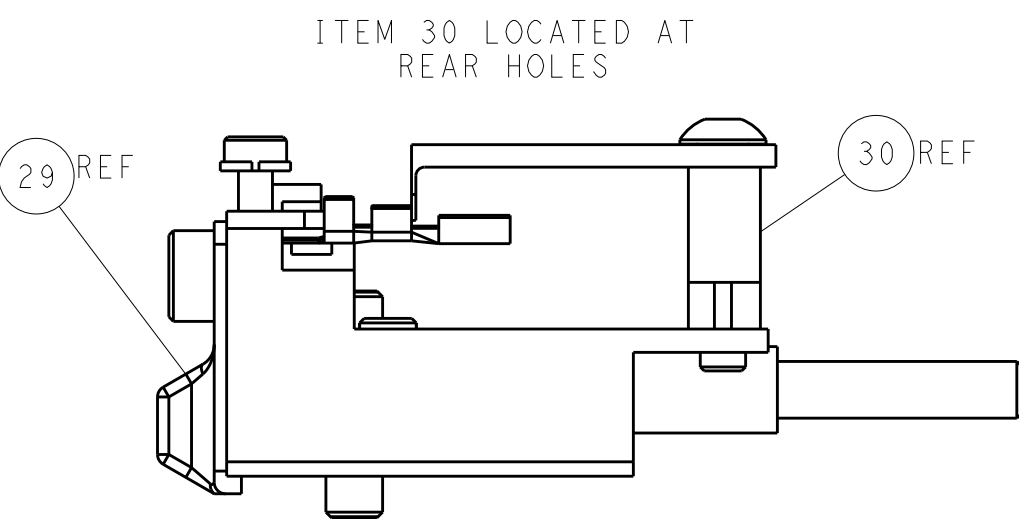
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION  
GUIDE BY WIRE BARREL

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<br>OTHERWISE SPECIFIED: |  | DWN                                    |  | TE Connectivity           |  |
| mm          |  | 0 PLC ±0.5                                |  | C. CHEN                                |  | Harrisburg, PA 17105-3608 |  |
|             |  | 1 PLC ±0.13                               |  | S. XI                                  |  |                           |  |
|             |  | 2 PLC ±0.13                               |  | I. CRUZ                                |  |                           |  |
|             |  | 3 PLC ±0.013                              |  | APVD                                   |  |                           |  |
|             |  | 4 PLC ±0.0001                             |  | PRODUCT SPEC                           |  |                           |  |
|             |  | ANGLES ±0.0001                            |  | APPLICATION SPEC                       |  |                           |  |
|             |  | FINISH                                    |  | WEIGHT                                 |  |                           |  |
|             |  |                                           |  | Customer Accessible Production Drawing |  |                           |  |
|             |  |                                           |  | SCALE                                  |  |                           |  |
|             |  |                                           |  | 1:2                                    |  |                           |  |
|             |  |                                           |  | SHEET                                  |  |                           |  |
|             |  |                                           |  | 2 of 4                                 |  |                           |  |
|             |  |                                           |  | REV                                    |  |                           |  |
|             |  |                                           |  | C                                      |  |                           |  |



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

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

D

C

B

A

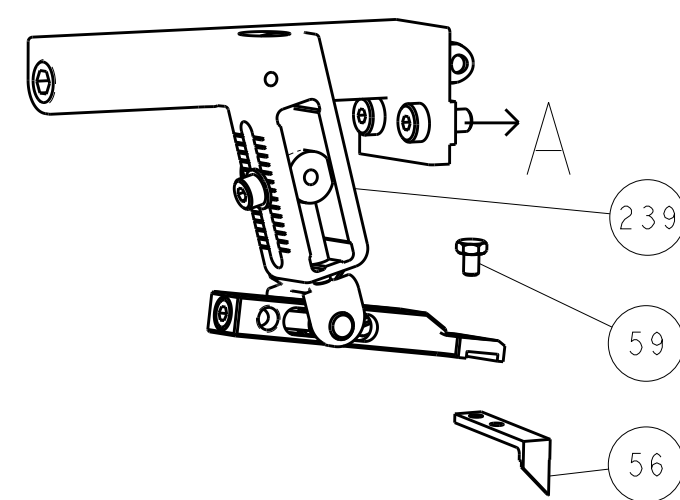
D

C

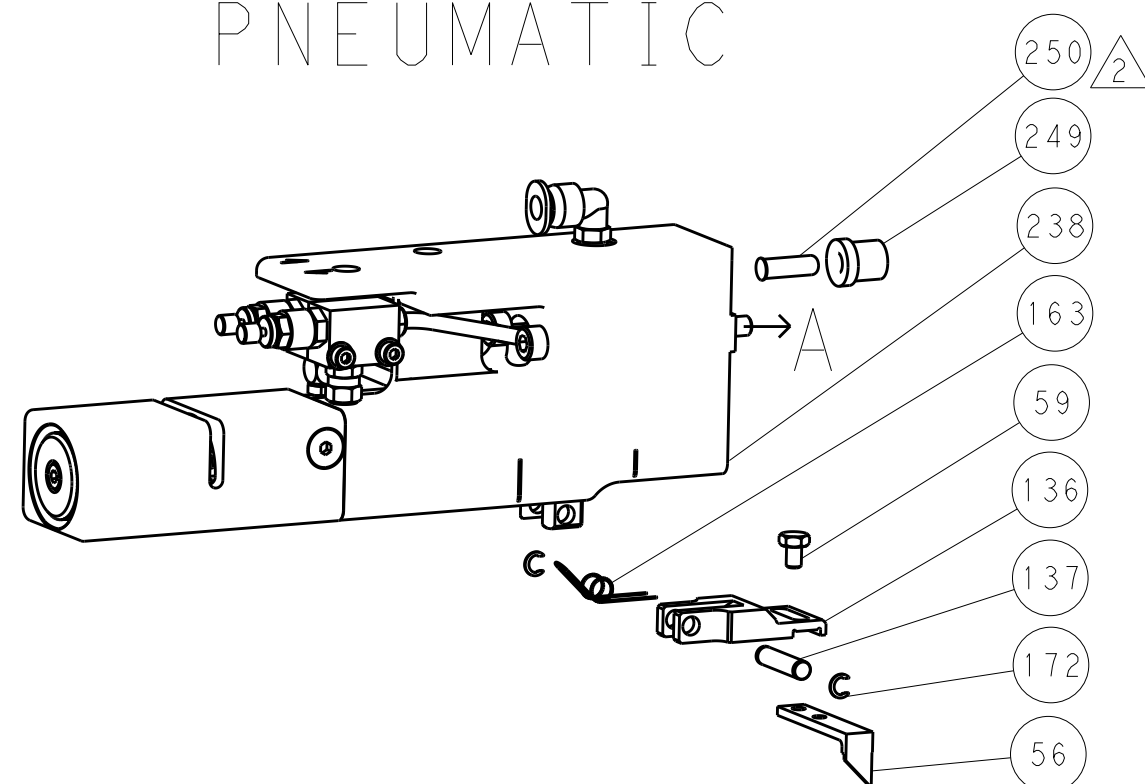
B

A

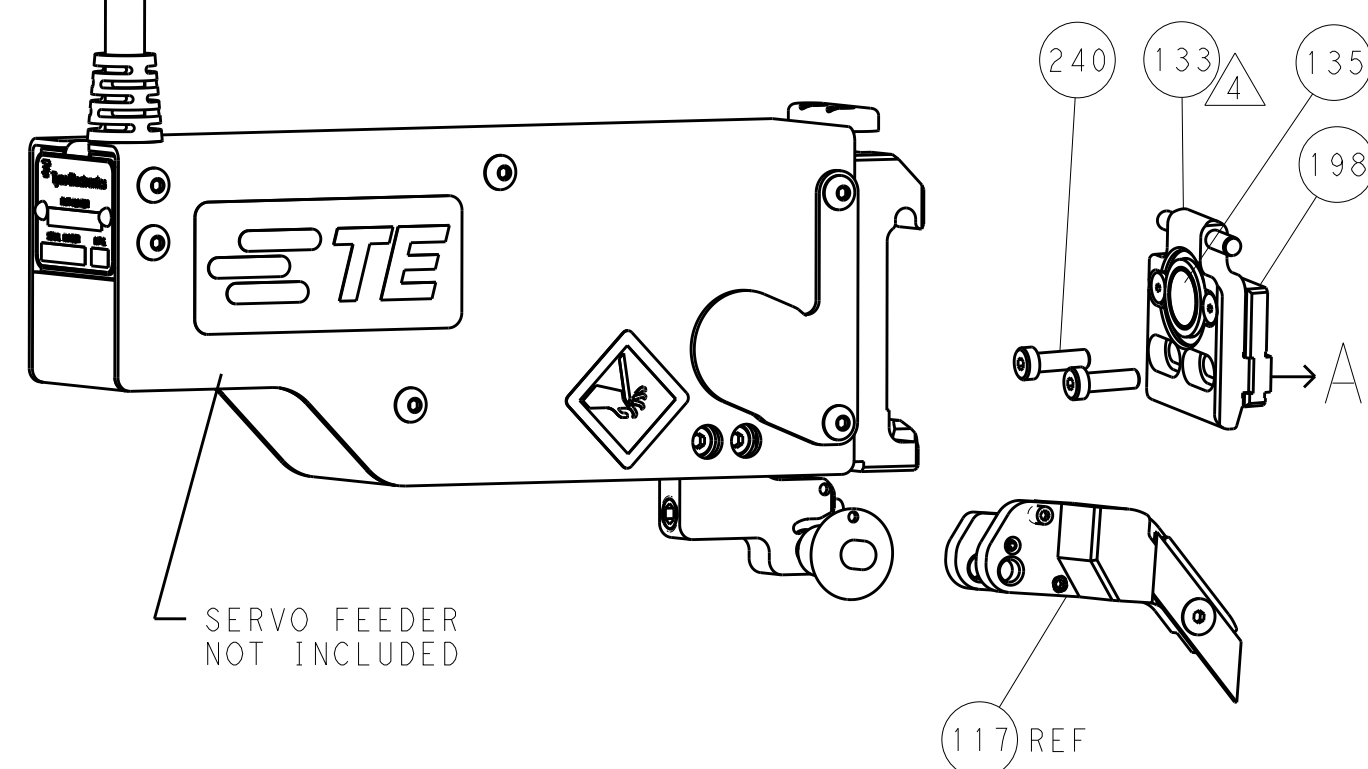
## FEED TYPE MECHANICAL



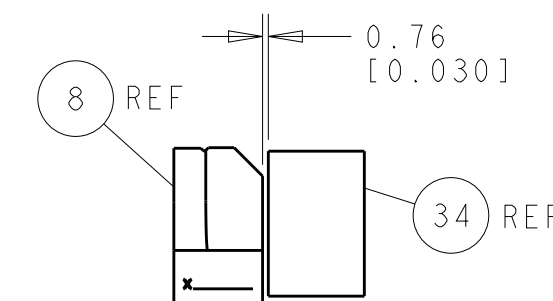
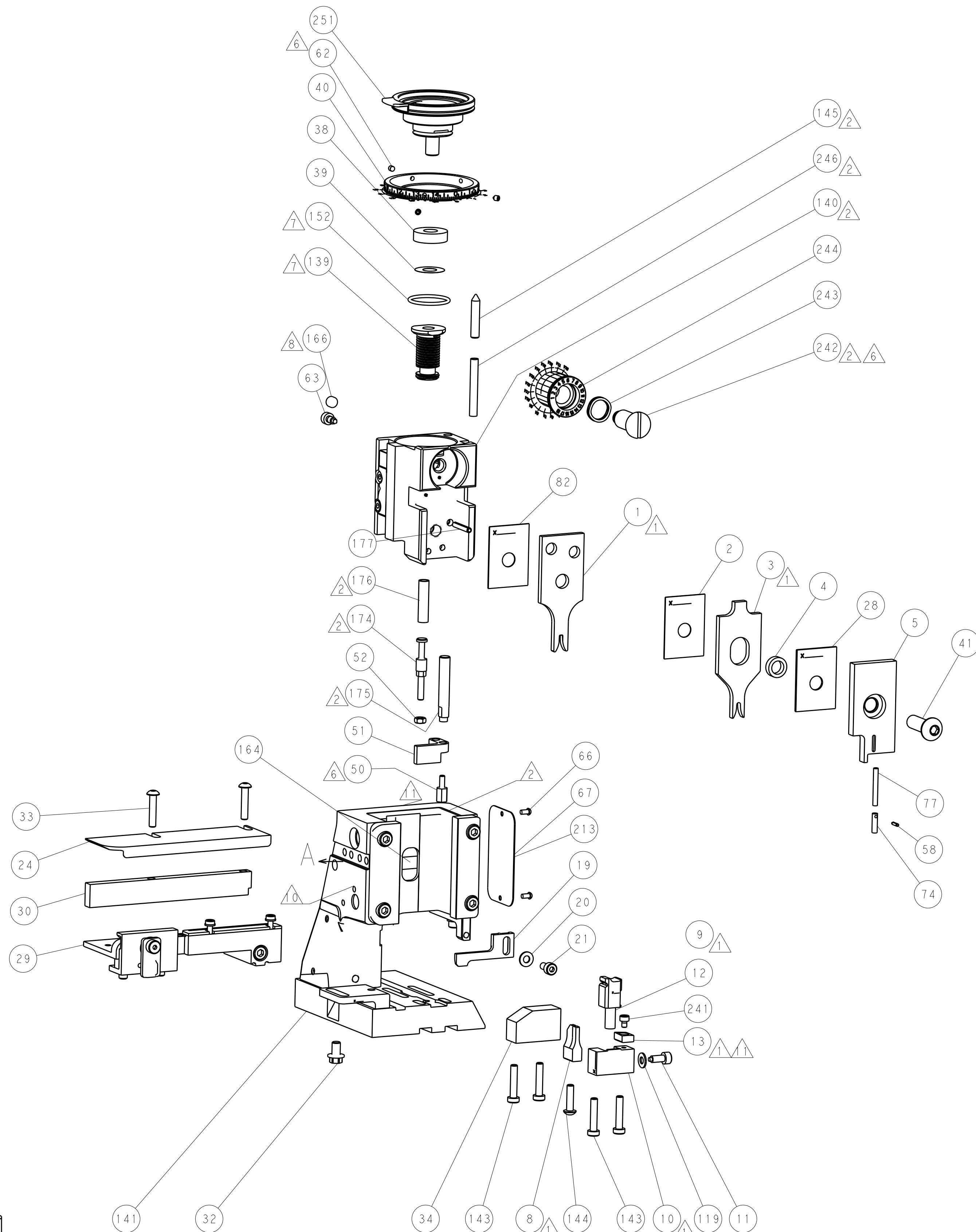
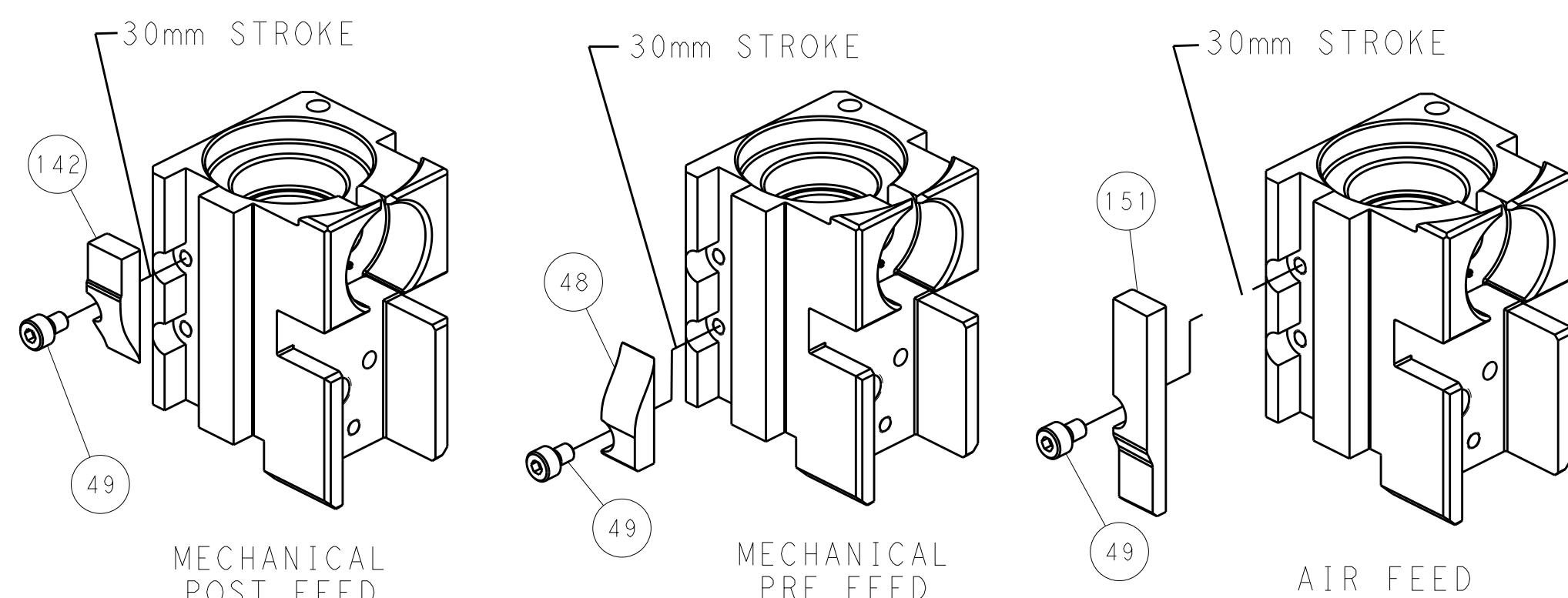
## PNEUMATIC



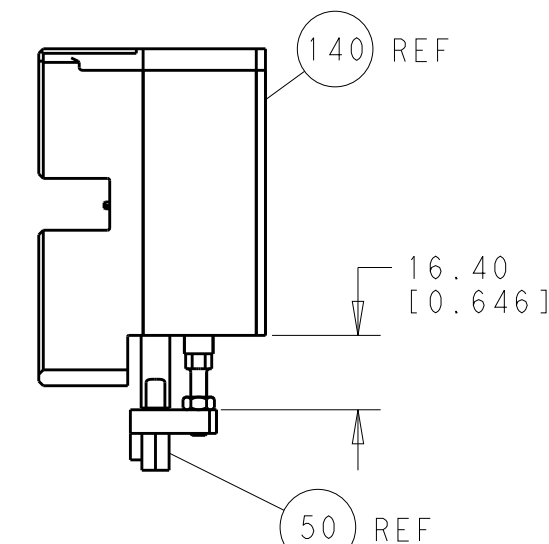
## SERVO LATCH PLATE



## CAM POSITIONS

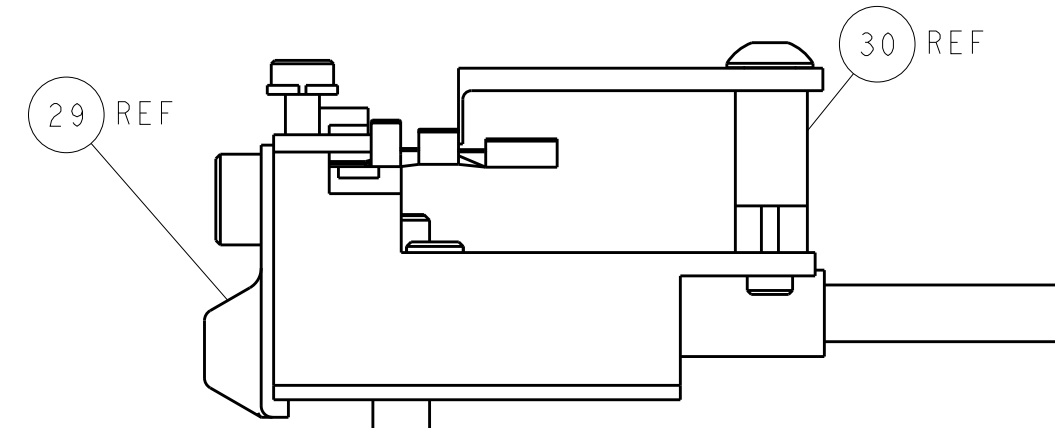


TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP

ITEM 30 LOCATED AT  
REAR HOLES



FEED TRACK POSITION  
GUIDE BY WIRE BARREL

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

|                                                                                                                                                                                                                                                                                                                                                           |  |                              |                                              |  |
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| DIMENSIONS:<br>mm                                                                                                                                                                                                                                                                                                                                         |  | CHK<br>S. XI<br>04MAY2011    | NAME<br>Ocean Side Feed<br>Applicator        |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                                                                                                                                                                                                                                                                 |  | APVD<br>J. CRUZ<br>04MAY2011 | PRODUCT SPEC                                 |  |
| 0 PLC ±0.5                                                                                                                                                                                                                                                                                                                                                |  |                              | APPLICATION SPEC                             |  |
| 1 PLC ±0.13                                                                                                                                                                                                                                                                                                                                               |  |                              | WEIGHT                                       |  |
| 2 PLC ±0.13                                                                                                                                                                                                                                                                                                                                               |  |                              | SCALE                                        |  |
| 3 PLC ±0.013                                                                                                                                                                                                                                                                                                                                              |  |                              | SHEET                                        |  |
| 4 PLC ±0.001                                                                                                                                                                                                                                                                                                                                              |  |                              | OF                                           |  |
| ANGLES FINISH                                                                                                                                                                                                                                                                                                                                             |  |                              | REV                                          |  |
| MATERIAL                                                                                                                                                                                                                                                                                                                                                  |  |                              | C                                            |  |
|                                                                                                                                                                                                                                                                                                                                                           |  |                              | Customer Accessible Production Drawing       |  |

## Данный компонент на территории Российской Федерации

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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

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