

8

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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

REVISION

DESCRIPTION

FEED TYPE

APPLICATOR STYLE CONVERSION CHART

CONVERT TO

PART NUMBERS REQUIRED

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151070-5

8-2151070-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151070-5

8-2151070-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

-

-

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338685-1

1338685-1

5-18022-5

5-18022-5

2119653-1

2119641-1

-

-

-

-

-

-

-

-

2063440-1

2063440-1

2151070-1

E

FINE CRIMP HEIGHT ADJUST

MECHANICAL

2151070-2

E

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

2151070-5

E

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

2151070-6

E

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴¹²

2151070-7

E

FINE CRIMP HEIGHT ADJUST

NONE

7-2151070-7

A

CRIMP TOOLING KIT

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

3.30 mm [.130]

F

INSUL

4.57 mm [.180]

OV

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: STANDARD POWER TIMER CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.40-5.00 mm [.173-.197 IN]

Ø3.30-4.50 mm [.130-.177 IN]

TERMINAL APPLICATION SPECIFICATION

(A)114-18037

(B)114-18388

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(A) 964328-1

(A) 964328-5

(B) 1241406-1

(B) 1241406-3

(B)1-2208461-1

(B)1-2208461-3

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: STANDARD POWER TIMER CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.40-5.00 mm [.173-.197 IN]

Ø3.30-4.50 mm [.130-.177 IN]

TERMINAL APPLICATION SPECIFICATION

-

-

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

1241406-1

964328-1

-

-

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

4.00mm2

2.35+/-0.05 [.093+/- .002]

4.3

3.50mm2

2.24+/-0.05 [.088+/- .002]

5.9

3.00mm2

2.13+/-0.05 [.084+/- .002]

6.8

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.50mm2+2.50mm2

2.35+/-0.05 [.093+/- .002]

4.3

RECOMMENDED SPARE PARTS

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: 8-2151070-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151070-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151070-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151070-6

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

13. USE ITEM 34 WITH TERMINAL 964328.

14. USE ITEM 261 WITH TERMINAL 1241406.

THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO CONNECTIVITY SPECIFICATIONS 109-18079 (TEST GROUP 1) AND 114-18022. TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC APPLICATION.

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.

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SET UP GAUGE

2119599-1

LOC

A

DIST

66

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

E2

ECR-15-004306

18MAR2015

YY

GB

E3

ECR-15-008562

05JUN2015

XZ

JT

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-

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1

-

2119640-1

PUSH ROD, AIR FEED

250

-

-

-

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1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

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-

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1

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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

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1

1

1

1

1

2119082-7

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

18023-1

SCR, SKT HD CAP M3 X 5.0

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

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-

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

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-

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1

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240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

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3-23627-7

PIN, RETAIN, GRVD, 3/16 X .854

137

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-

1

-

2119799-1

HOLDER, FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

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1633743-1

SERVO FEED LATCH ASM

133

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

119

-

-

REF

REF

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2119944-1

FEED FINGER ASSEMBLY, SF

117

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1

1

1

1

1

455888-5

SPACER, CRIMPER

82

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1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

1

1

1

1

2119791-9

DEPRESSOR, WIRE

70

-

1

-

-

1

1

2119740-1

TAG, IDENTIFICATION

67

-

2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS, 2 x .188

66

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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

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2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

-

-

-

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1

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

-

-

-

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

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

53

-

1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

1

1

1

1

690753-2

SPACER, TONKER

50

-

-

-

-

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

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1

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

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1

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1

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1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

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1

1

1

1

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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1

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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

2119644-2

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

1-1752356-1

SUPPORT, TERMINAL

34

-

2

2

2

2

2

1-2079383-3

SCR, BHSC, RoHS (M4 X 25)

33

-

1

1

1

1

1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

-

1

1

1

1

1

1-1320908-8

SPACER, STRIP GUIDE

30

-

1

1

1

1

1

2119959-2

ASSEMBLY, STRIP GUIDE

29

-

1

1

1

1

1

1-455888-0

SPACER, CRIMPER

28

-

1

1

1

1

1

1320928-2

STRIP GUIDE

24

-

2

2

2

2

2

1-18028-2

WASHER, FLAT, REG M4

22

-

1

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

20

-

1

1

1

1

1

2119533-1

STRIPPER, SIDE FEED

19

-

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

454276-5

FLOATING SHEAR, FRONT

9

1

1

1

1

1

1

1333209-1

ANVIL, COMBINATION .130

8

-

1

1

1

1

1

3-240641-4

SPACER

7

-

1

1

1

1

1

1-2119757-0

DEPRESSOR, SHEAR

5

-

1

1

1

1

1

1-238011-7

BLOCK, CRIMPER SPACER

4

1

1

1

1

1

1

2119785-3

CRIMPER, INSULATION OVERLAP PREMIUM

3

1

1

1

1

1

1

456410-4

CRIMPER, WIRE PREMIUM

1

-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 WITHOUT NOTICE. THE CUSTOMER'S ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

±.5

±0.13

±0.013

±0.0001

±.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

MATERIAL

.

OWN

R. HUANG

16SEP2011

CHK

S. XI

16SEP2011

APVD

J. CRUZ

16SEP2011

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

00779

©=2151070

RESTRICTED TO

.

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

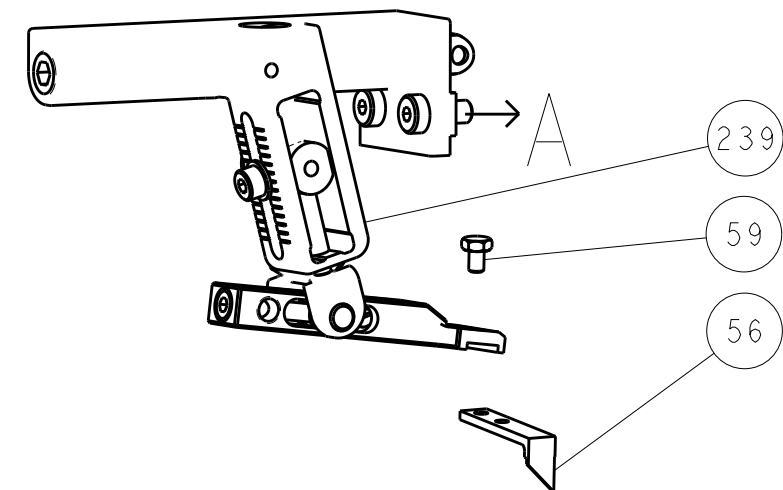
REV

E3

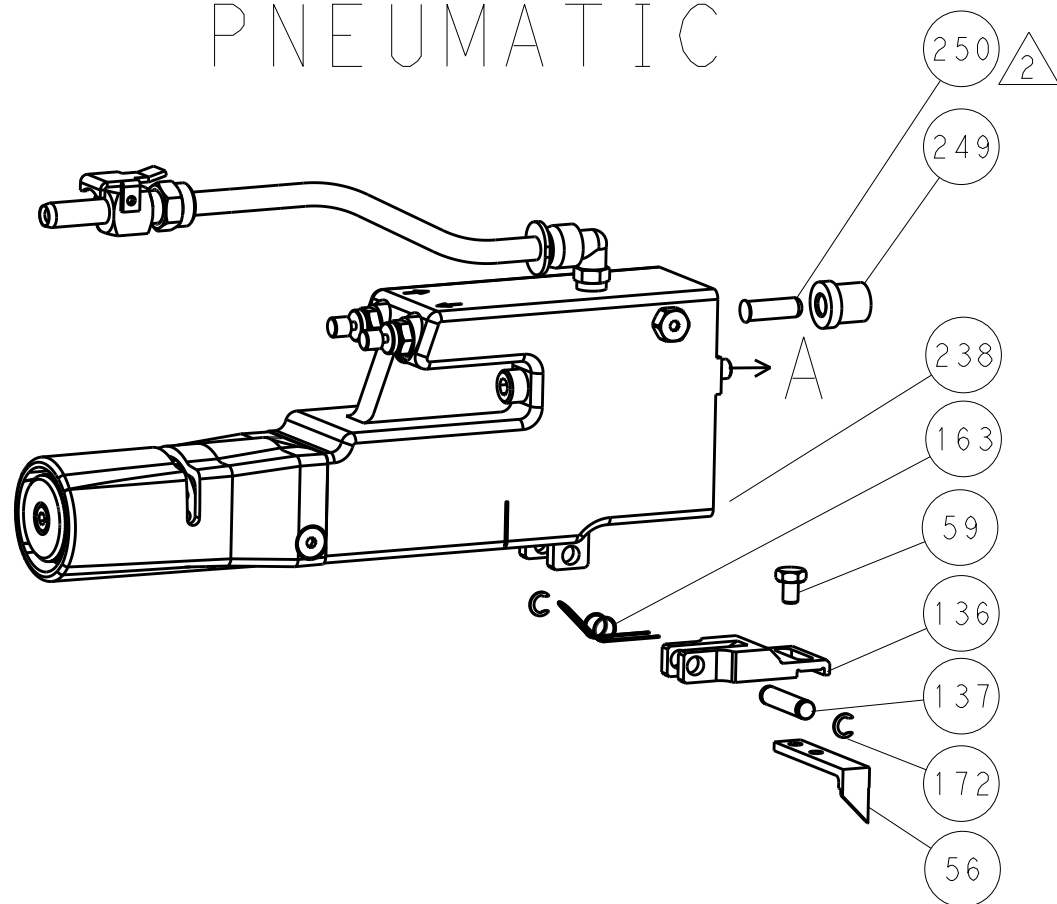
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

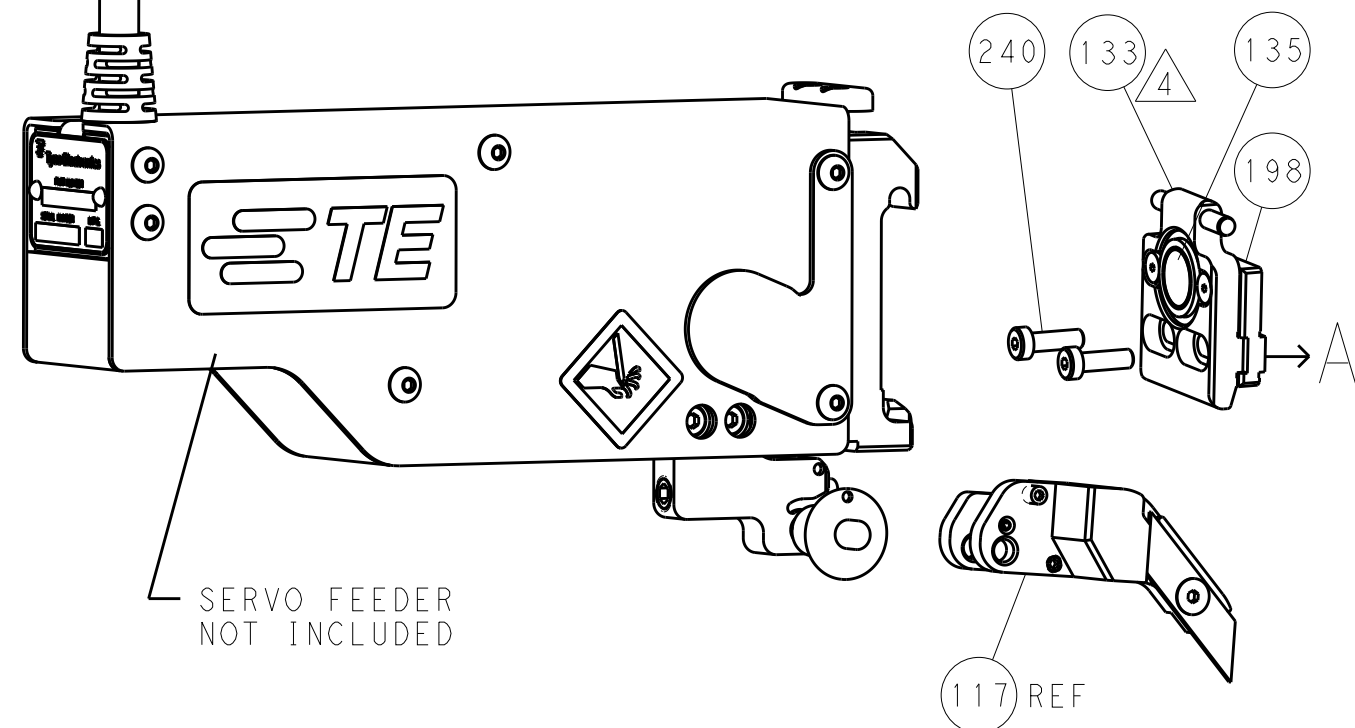
FEED TYPE
MECHANICAL



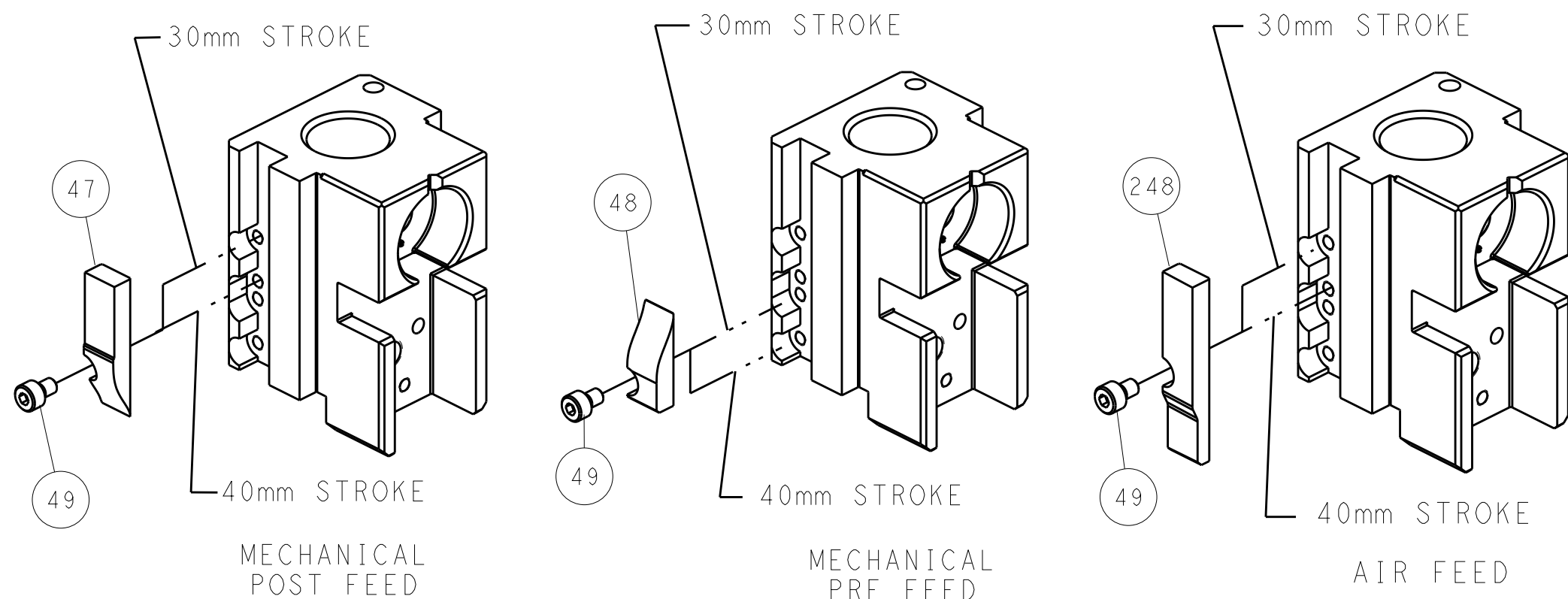
PNEUMATIC



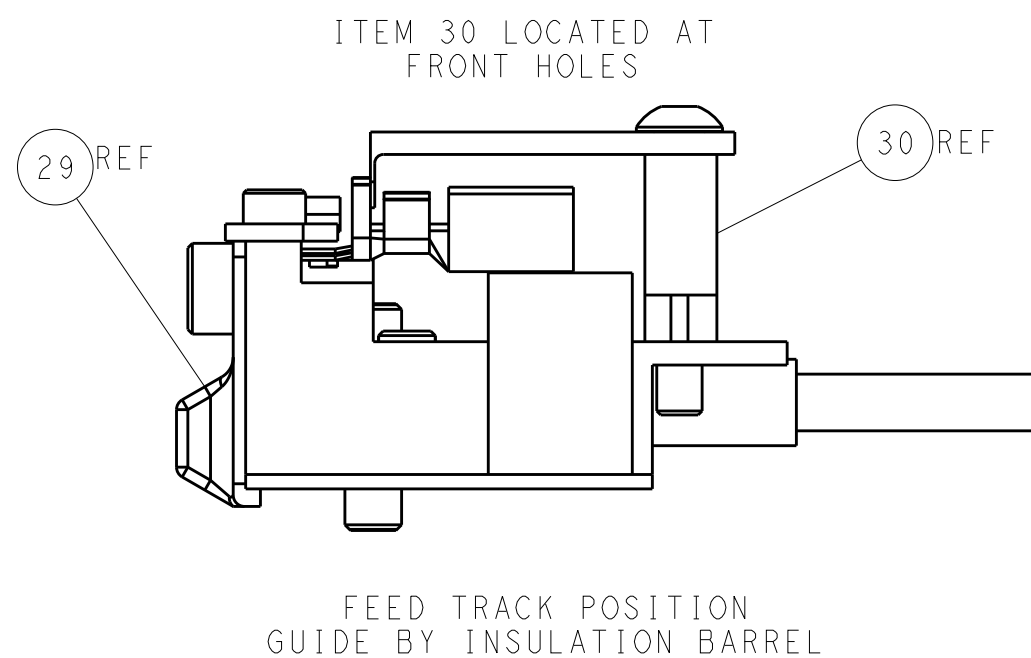
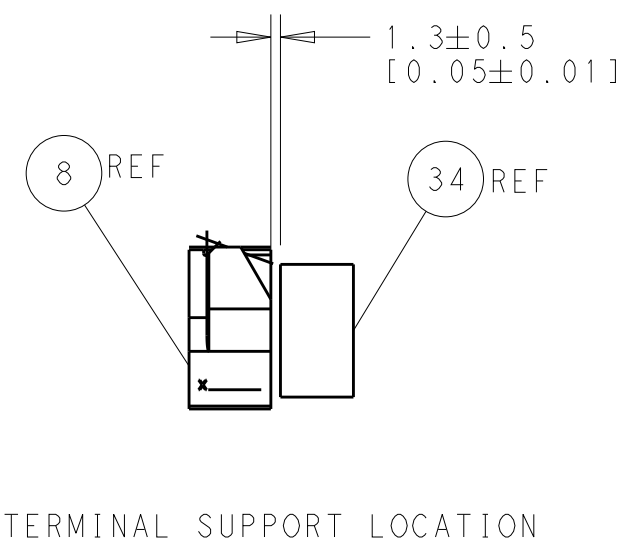
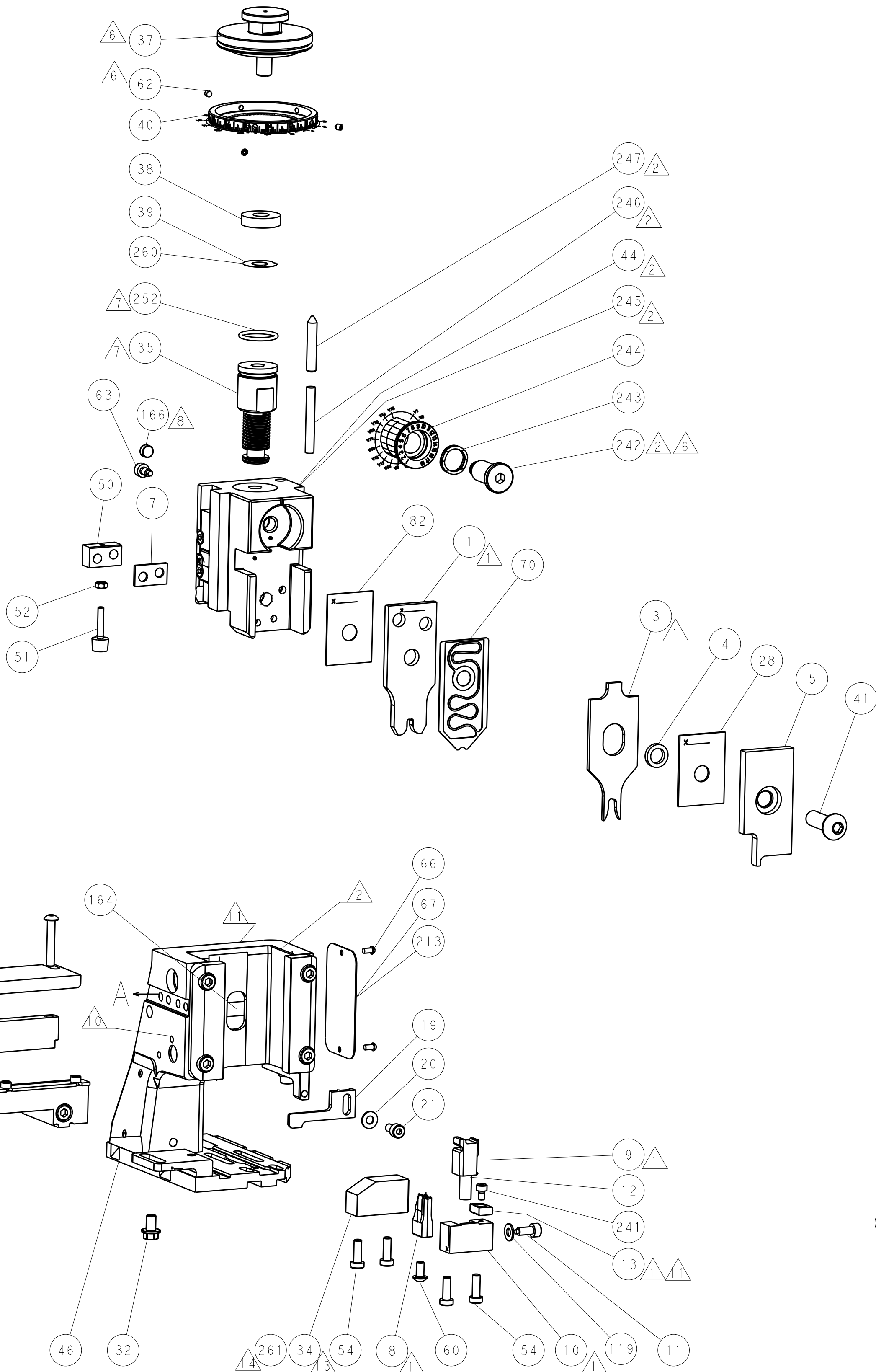
SERVO
LATCH PLATE



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		TE Connectivity	
mm		0 PLC ±0.5		K. HUANG		Harrisburg, PA 17105-3608	
		1 PLC ±0.13		S. XI		NAME	
		2 PLC ±0.13		I. CRUZ		Ocean Side Feed Applicator	
		3 PLC ±0.013		APVD		SIZE	
		4 PLC ±0.001		PRODUCT SPEC		CAGE CODE	
		ANGLES		APPLICATION SPEC		DRAWING NO	
		FINISH		WEIGHT		©=2151070	
		MATERIAL		Customer Accessible Production Drawing		RESTRICTED TO	
				SCALE		SHEET	
				1:2		2 of 4	
						REV	
						E3	

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

D

C

B

A

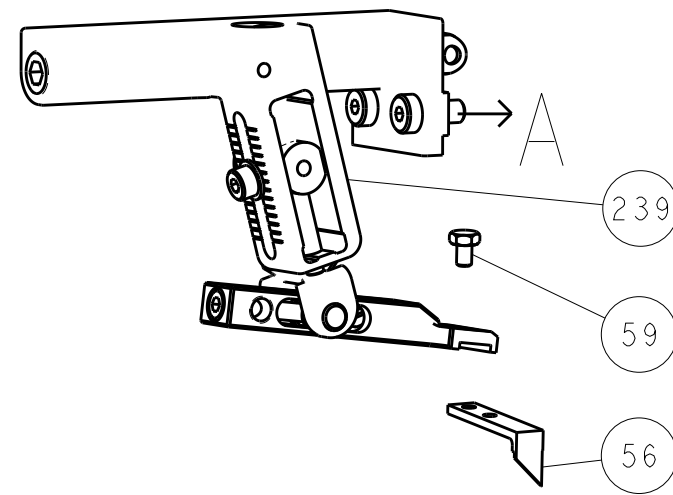
D

C

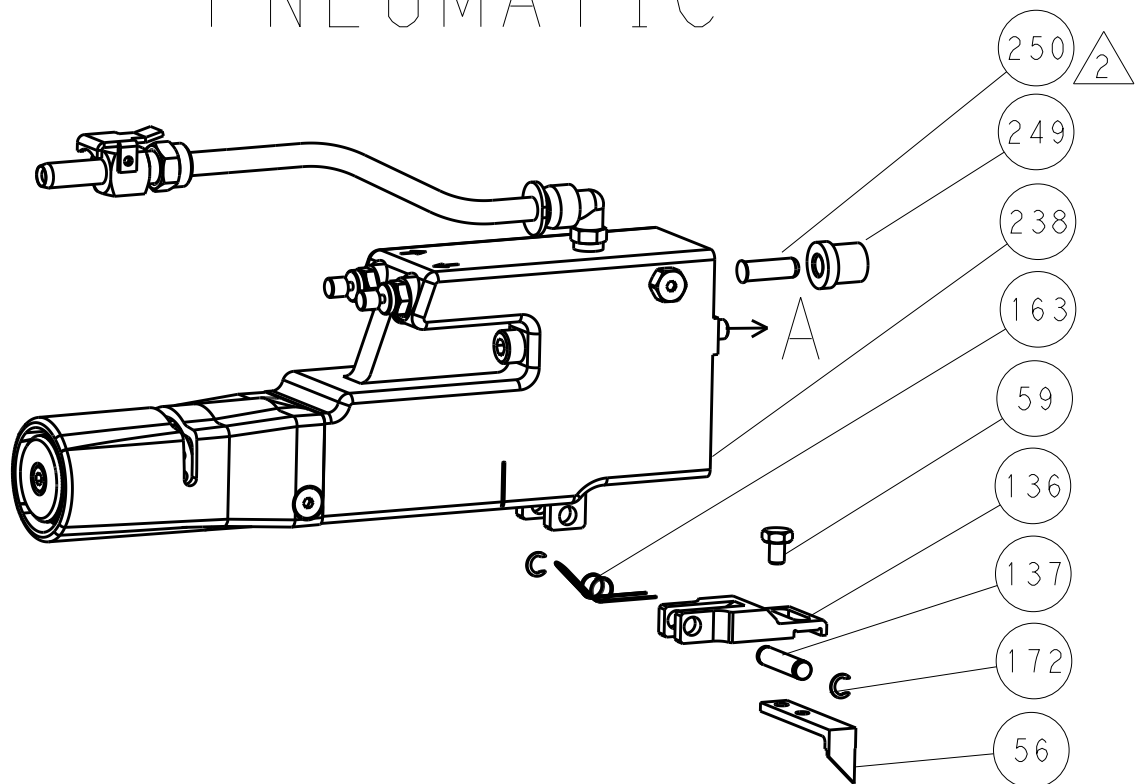
B

A

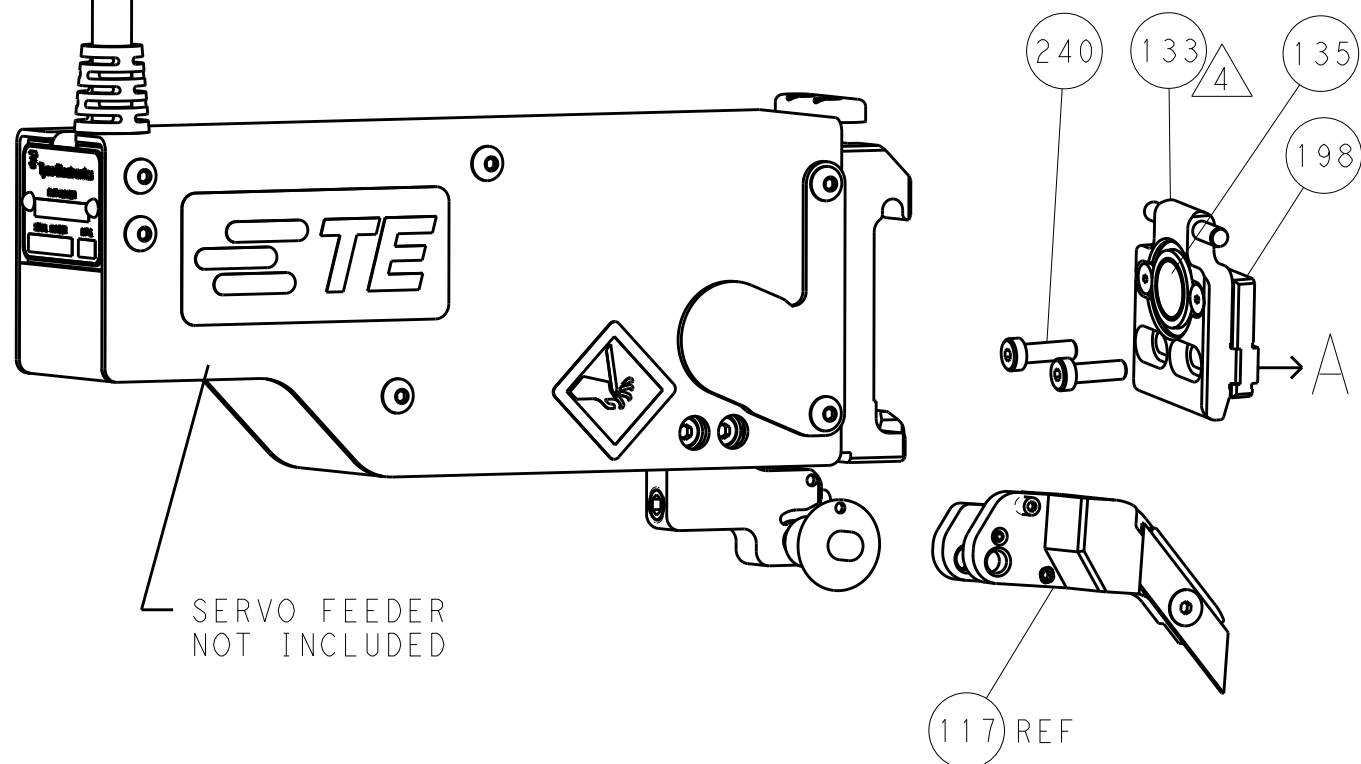
FEED TYPE MECHANICAL



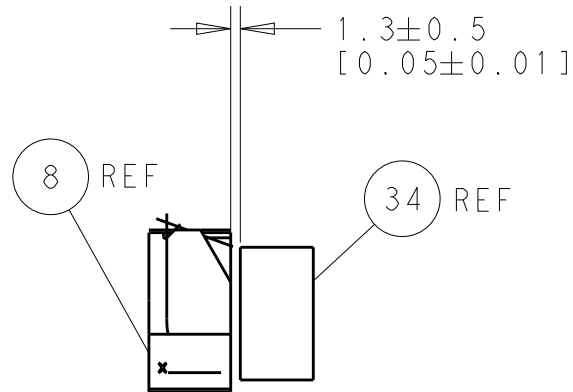
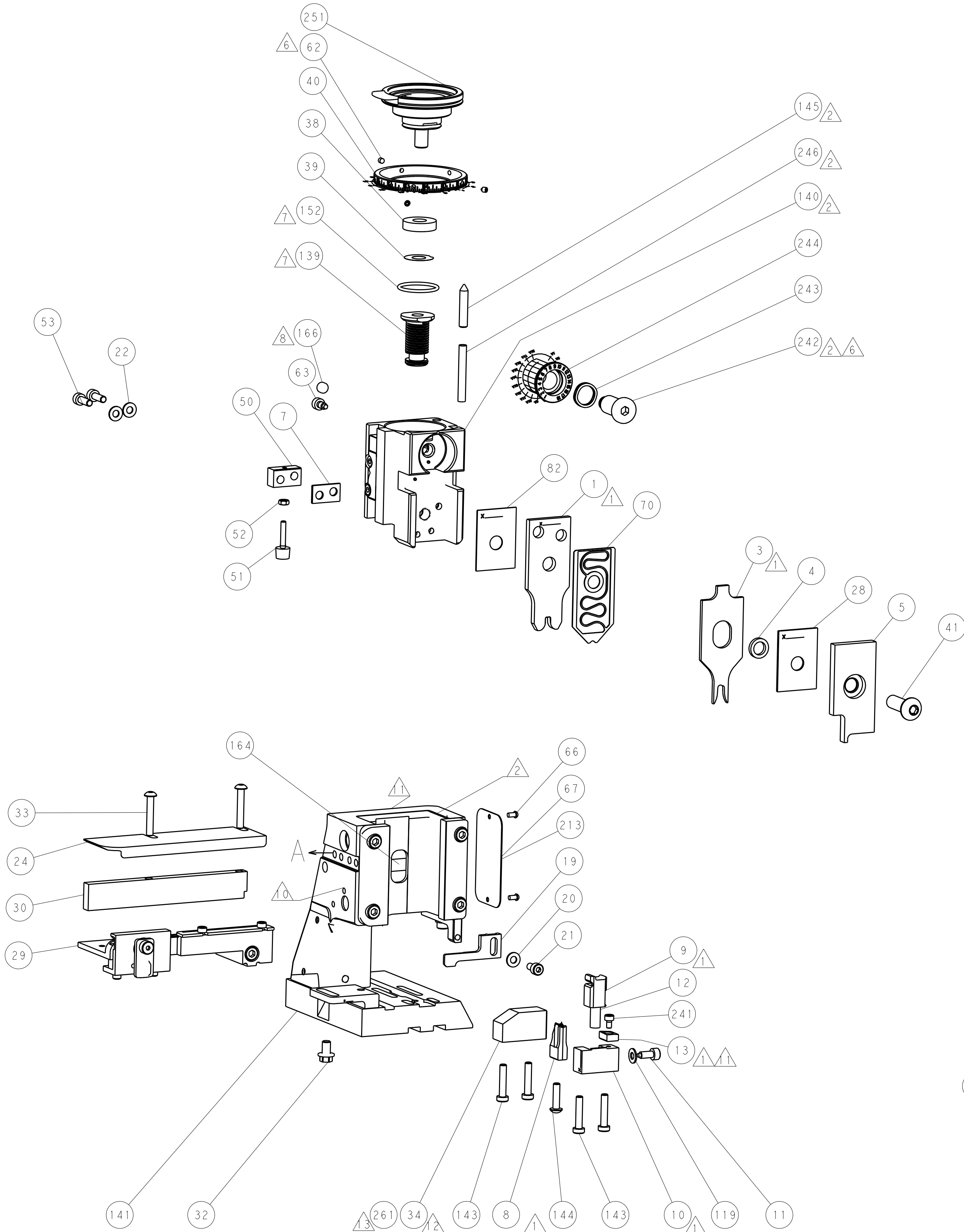
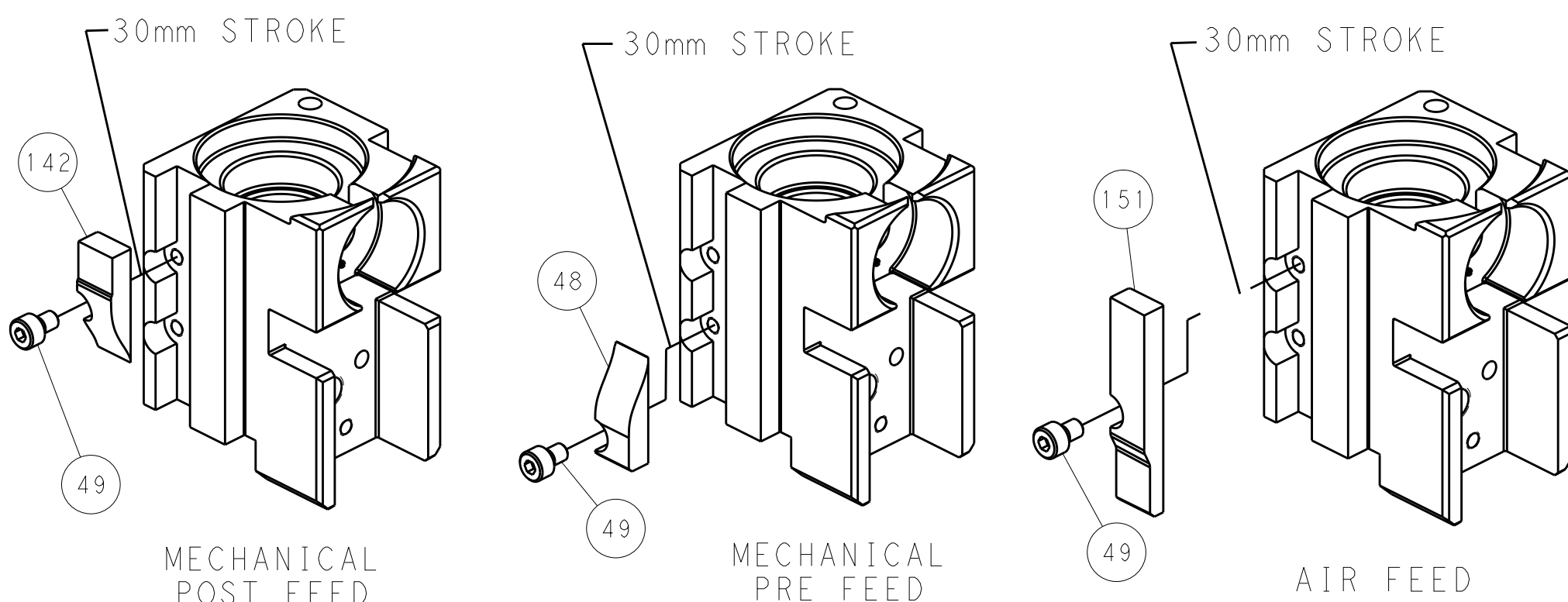
PNEUMATIC



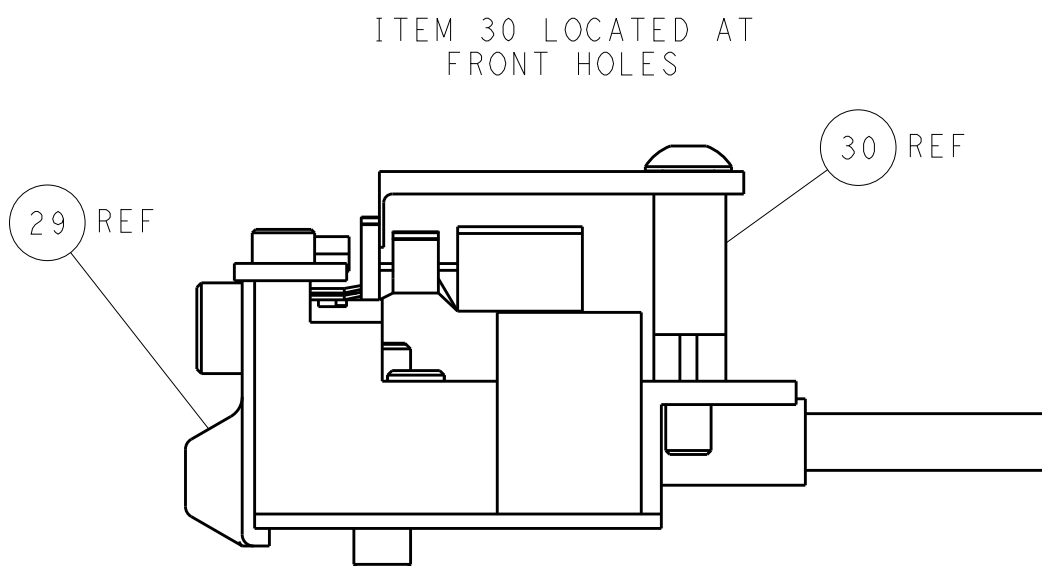
SERVO LATCH PLATE



CAM POSITIONS



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)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		CHK		APVD		NAME	
mm		0 PLC ±0.5		K. HUANG		S. XI		I. CRUZ		Ocean Side Feed	
1 PLC ±0.13		2 PLC ±0.13		3 PLC ±0.13		4 PLC ±0.0001		5 PLC ±0.0001		APPLICATOR	
MATERIAL		FINISH		WEIGHT		SCALE		SHEET		REV	
-		-		-		1:2		4		E3	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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.

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

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