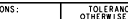


TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TE MCP 2.8 FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH 4.50-5.10 [.177-.201 IN]			INSULATION DIAMETER RANGE Ø 2.20-3.00 [.087-.118 IN]
TERMINAL APPLICATION SPECIFICATION	114-18148-1	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1-968851-1	1-968851-2	1-968851-3	1-1355877-1

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TE MCP 2.8 FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH 4.50-5.10 (0.177- .201 IN)		INSULATION DIAMETER RANGE Ø 2.20-3.00 (0.087-.118 IN)	
TERMINAL APPLICATION SPECIFICATION	114-18668	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1718188-1	1241582-1		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
2.50mm2		1.76+/-0.05 [0.069+/- .002]		8.2
1.50mm2		1.47+/-0.05 [0.058+/- .002]		11.0

WIRE SIZE			CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
2.50mm2			1.88+/-0.05 [1.074+/-0.002]		6.8
2.00mm2			1.73+/-0.05 [1.068+/-0.002]		8.3
1.50mm2			1.58+/-0.05 [1.062+/-0.002]		10.0

THIS DRAWING IS A CONTROLLED DOCUMENT FOR THE PURPOSES OF THE INFORMATION CONTAINED HEREIN. IT IS THE PROPERTY OF ETE CONNECTIVITY. IT IS TO BE KEPT IN A SECURE LOCATION AND SHOULD BE CONTROLLED FOR THE LATEST REVISION.		OWN K. ZHAO 26 JUL 2011 CHT L. B. LIN 26 JUL 2011 APD J. LI 26 JUL 2011		 TE Connectivity Harrisburg, PA 17105-3608		REV
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ± FINISH		NAME Ocean Side Feed Applicator -		
		PRODUCT SPEC APPLICATION SPEC		SIZE CASE CODE DRAWING NO		RESTRICTED TO
MATERIAL -		WEIGHT -		A 00779 C=2151166		
Customer Accessible Production Drawing				SCALE 1:2		SHEET 1 OF 4 REV D

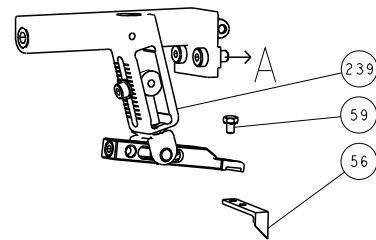
```
*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO
LARGEST WIRE SIZE SETTING. USE OF SETTINGS
BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING
WILL CAUSE DAMAGE TO CRIMP TOOLING.
```

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

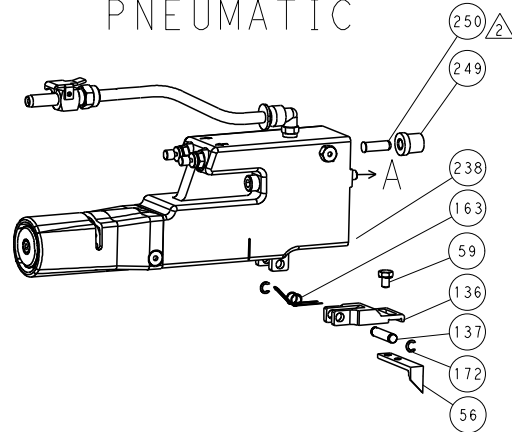
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

LOC		DIST		REVISONS				
P	LTR			DESCRIPTION	DATE	OWN	APVD	
				SEE SHEET 1				

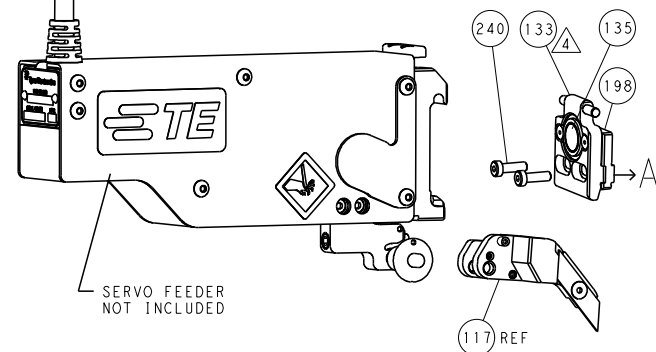
FEED TYPE MECHANICAL



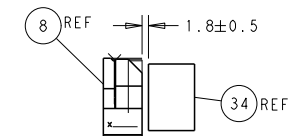
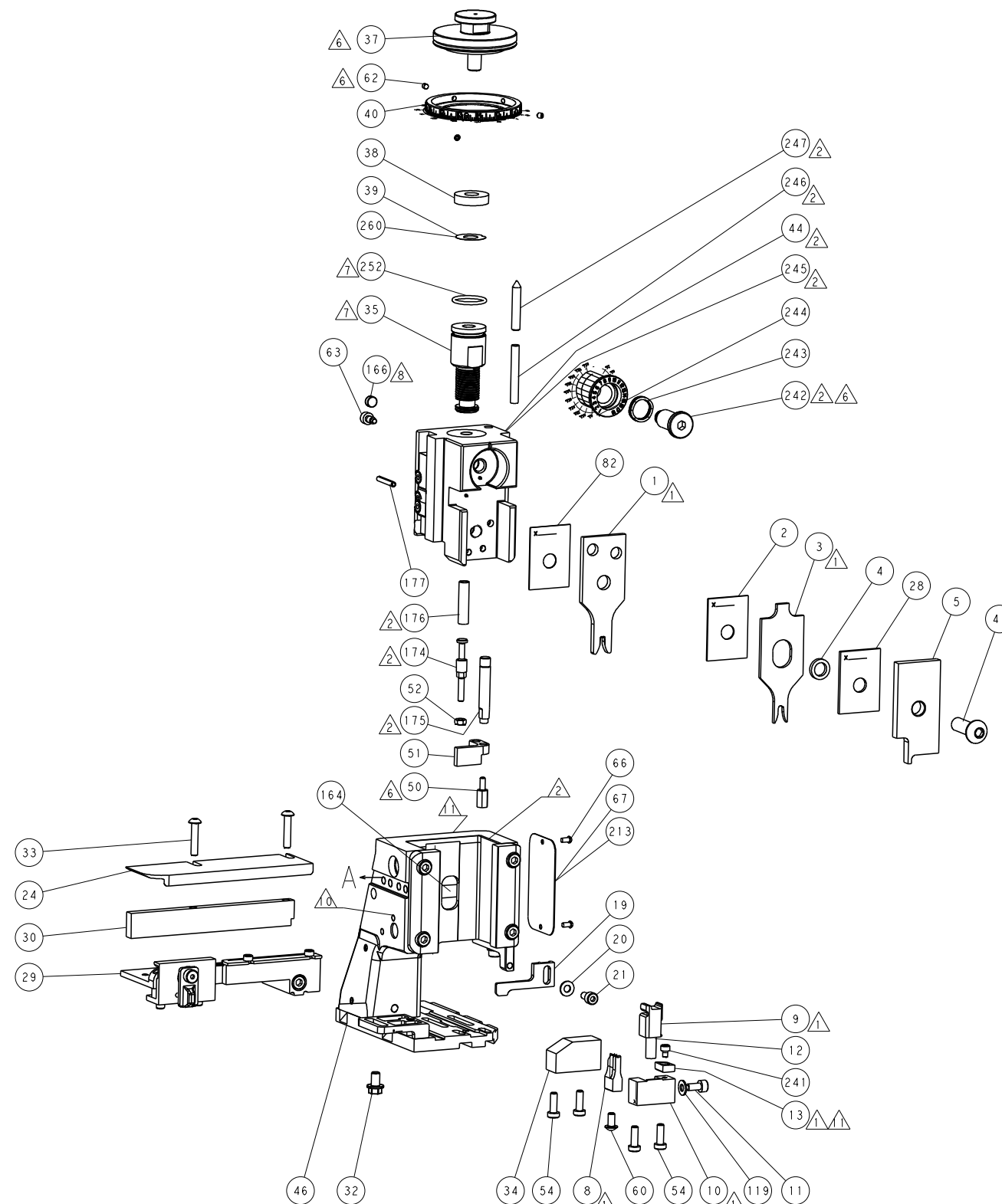
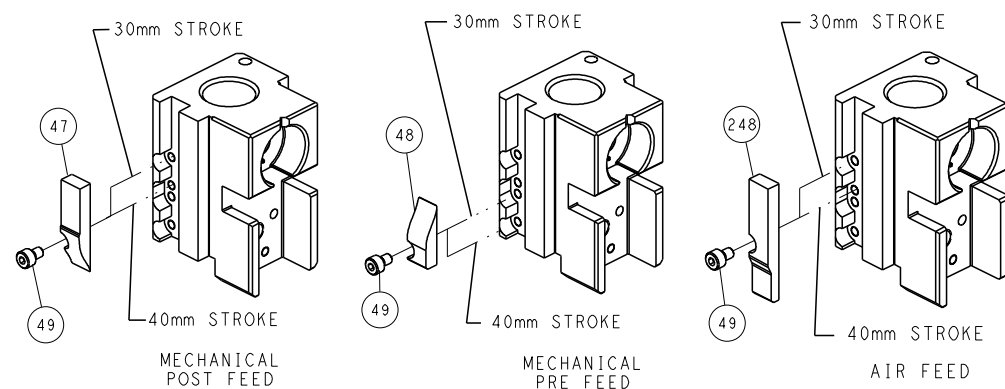
PNEUMATIC



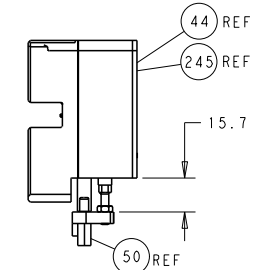
SERVO LATCH PLATE



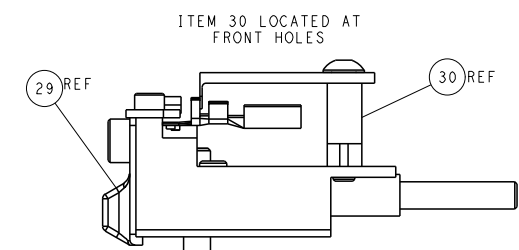
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

THIS IS STANDARD. IT IS CONSIDERED AGREEMENT FOR THE CUSTOMER. CUSTOMER INFORMATION SHOULD BE CONTACTED FOR THE LATEST REVISION INFORMATION				OWN X ZHAO 26JUL2011			TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:				CHK J ELBIN 26JUL2011			NAME	Ocean Side Feed Applicator
ITEM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APRD S XI 26JUL2011		PRODUCT SPEC		

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

8

7

6

5

4

3

2

1

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

2-2151166-1

REVISION

D

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

SERVO LATCH PLATE

2119951-1

-

8-2151166-5

1901094-3

-

2168400-6 (QUANTITY 2)

SMART APPLICATOR

2161326-1

-

8-2151166-4

-

-

-

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

SERVO LATCH PLATE

2161326-1

-

8-2151166-4

-

-

-

MECHANICAL FEED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

2-2151166-2

D

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

2-2151166-5

D

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2-2151166-7

D

FINE CRIMP HEIGHT ADJUST

NONE

7-2151166-7

D

CRIMP TOOLING KIT

-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	3.56 mm [.140]	OV

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: TE MCP 2.8 FLAT TYPE RECEPTACLE

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
4.50-5.10 mm [.177-.201 IN]	Ø2.20-3.00 mm [.087-.118 IN]

TERMINAL APPLICATION SPECIFICATION

TERMINALS APPLIED

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: TE MCP 2.8 FLAT TYPE RECEPTACLE

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
4.50-5.10mm [.177-.201 IN]	Ø2.20-3.00 mm [.087-.118 IN]

TERMINAL APPLICATION SPECIFICATION

TERMINALS APPLIED

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: TE MCP 2.8 FLAT TYPE RECEPTACLE

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
4.50-5.10 [.177-.201 IN]	Ø 2.20-3.00 [.087-.118 IN]

TERMINAL APPLICATION SPECIFICATION

TERMINALS APPLIED

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

2.50mm2	1.88+/-0.05 [.074+/- .002]	6.8
1.50mm2	1.58+/-0.05 [.062+/- .002]	10.0

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

2.50mm2	1.76+/-0.05 [.069+/- .002]	8.2
1.50mm2	1.47+/-0.05 [.058+/- .002]	11.0

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

2.50mm2	1.88+/-0.05 [.074+/- .002]	6.8
2.00mm2	1.73+/-0.05 [.068+/- .002]	8.3
1.50mm2	1.58+/-0.05 [.062+/- .002]	10.0

RECOMMENDED SPARE PARTS

GREASE BEARING SURFACES LIGHTLY

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

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151166-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151166-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151166-5

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

APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50 & 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

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.

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

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

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 - 8-2151166-5 1901094-3 - 2168400-6 (QUANTITY 2)
SMART APPLICATOR	2161326-1 - 8-2151166-4 - -
MECHANICAL FEED	2119949-1 1338685-1 5-18022-5 2119653-2 - -
SERVO LATCH PLATE	2119951-1 - 8-2151166-5 1901094-3 - 2168400-6 (QUANTITY 2)
SMART APPLICATOR	2161326-1 - 8-2151166-4 - -
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
-	- - - - - -
-	- - - - - -

SET UP GAUGE

LOC

DIST

REV

DATE

OWN

APVD

2119599-1

A

66

1

26 JUL 2011

TE Connectivity

Horrisburg, PA 17105-3608

DESCRIPTION

DATE

OWN

APVD

SEE SHEET 1

-

-

-

1

1

1

1

1

1-22279-3

SPRING, COMPRESSION

246

1

1

1

1

1

2119082-9

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

-

-

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

198

1

1

1

1

1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

1

1

1

1

1

8-22280-7

SPRING, COMPRESSION

176

1

1

1

1

1

1752353-2

GUIDE PIN,HOLDDOWN

175

1

1

1

1

1

1901680-2

GUIDE PIN,HOLDDOWN

174

-

-

-

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

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

1

2119798-2

DETENT PIN

145

1

1

1

1

1

2079383-8

SCR, BHSC, RoHS (M4 X 16)

144

4

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

1-2119656-0

APPLICATOR BASIC ASSEMBLY, SF

141

1

1

1

1

1

2119650-1

RAM, ASIAN STYLE, SIDE FEED

140

1

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

1-18028-2

WASHER, FLAT, REG M4

119

-

-

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

1

1

1

1

1

455888-5

SPACER, CRIMPER

82

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

1

-

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

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

1338685-1

PAWL, FEED

56

1

1

1

1

1

1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

1

1

1

1

1

1901681-1

HOLDDOWN, TERMINAL

51

1

1

1

1

1

2-1752354-5

STANDOFF,HOLD-DOWN

50

-

-

-

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

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

1

1

1

1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

1

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

1752356-4

SUPPORT, TERMINAL

34

-

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

1-1320908-2

SPACER, STRIP GUIDE

30

1

1

1

1

1

2119959-2

ASSEMBLY, STRIP GUIDE

29

1

1

1

1

1

1-455888-6

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

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

1333206-8

ANVIL, COMBINATION .100

8

-

-

-

-

-

-

-

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7

-

-

-

-

-

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-

-

6

1

1

1

1

1

2119757-4

DEPRESSOR, SHEAR

5

1

1

1

1

1

1-238011-0

BLOCK, CRIMPER SPACER

4

1

1

1

1

1

2119785-6

CRIMPER, INSULATION OVERLAP PREMIUM

3

1

1

1

1

1

455888-8

SPACER, CRIMPER

2

1

1

1

1

1

2-1722335-2

CRIMPER,WIRE

1

-77

-27

-25

-22

-21

PART NO

DESCRIPTION

ITEM NO

-	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, LCHS-12, MISUMI	249

PACIFIC VERSION

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(Atlantic version shown on sheets 1 of 4 & 2 of 4)

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DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5

2 PLC ±.5

3 PLC ±.5

4 PLC ±.5

ANGLES

FINISH

OWN

DATE

CHK

DATE

APVD

DATE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Accessible Production Drawing

SCALE

1:2

SHEET

3

OF

4

REV

D1

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

Horrisburg, PA 17105-3608

Ocean Side Feed

Applicator

00779

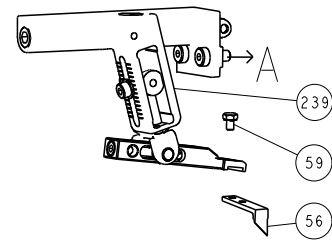
2151166

1

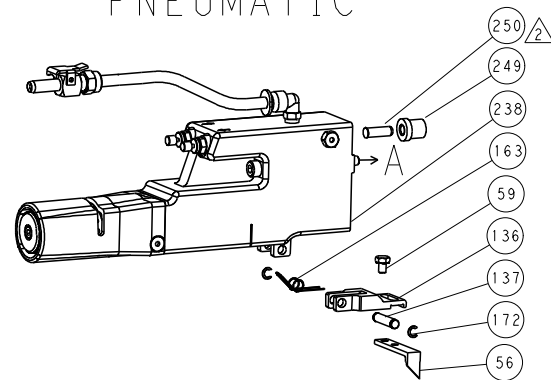
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

LOC		DIST		REVISONS				
P	LTR	DESCRIPTION	DATE	OWN	APVD			
		SEE SHEET 1						

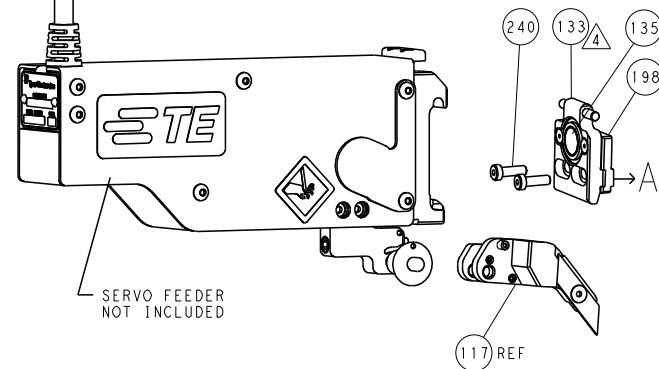
FEED TYPE MECHANICAL



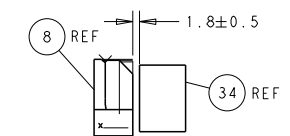
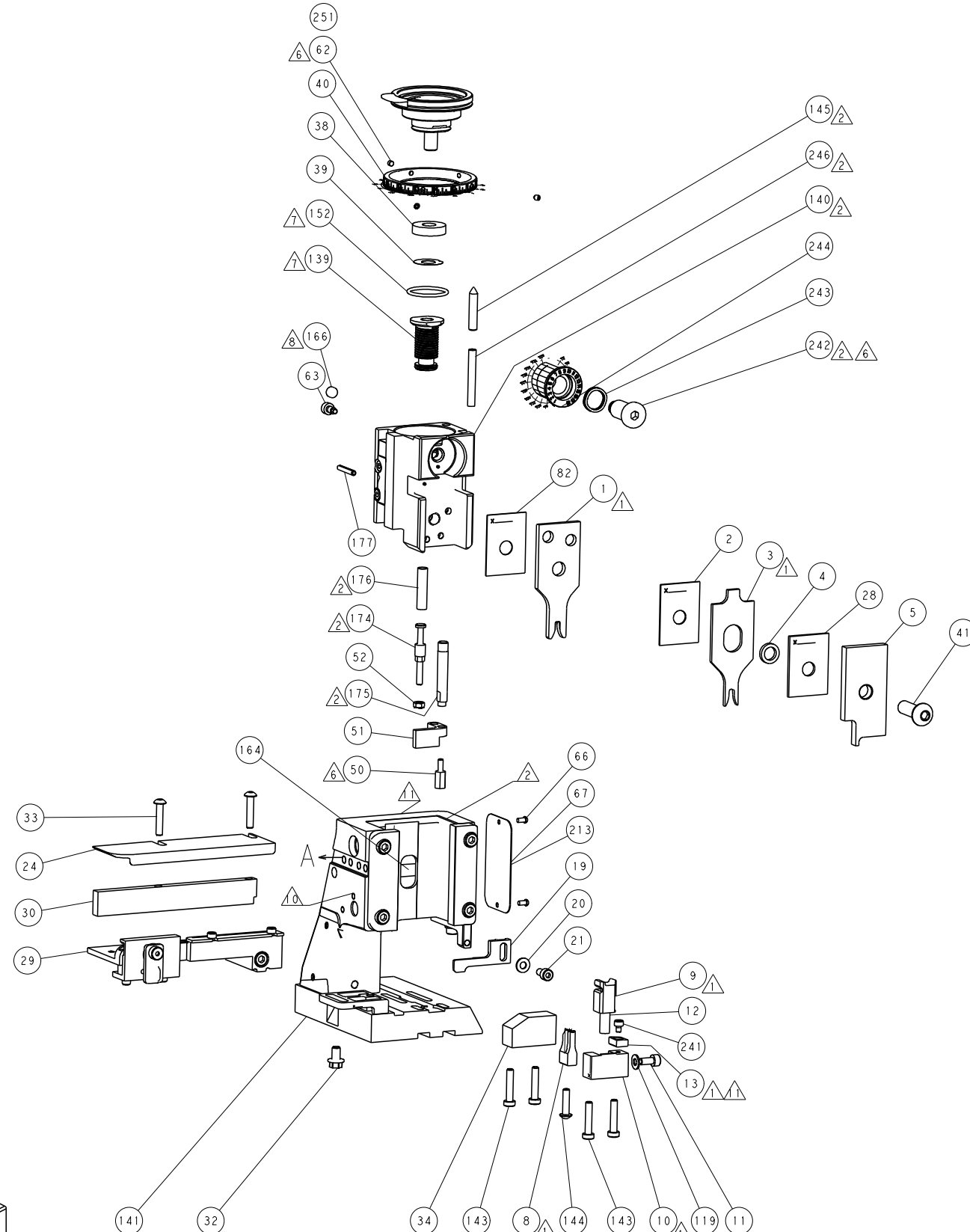
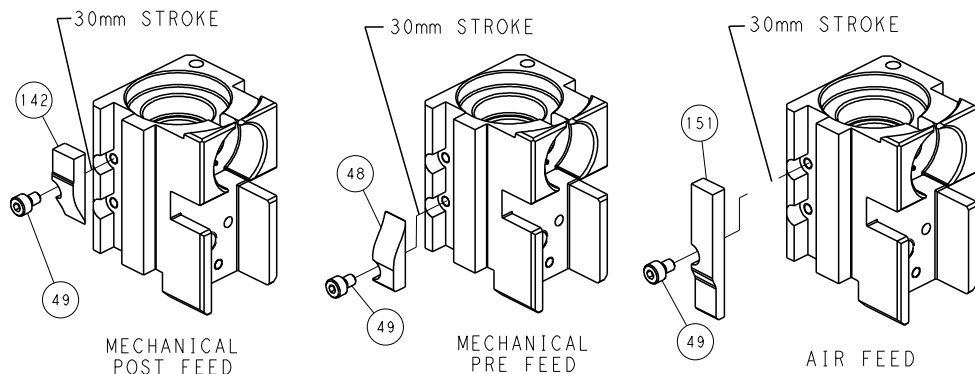
PNEUMATIC



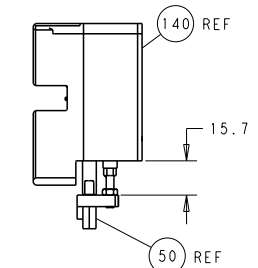
SERVO LATCH PLATE



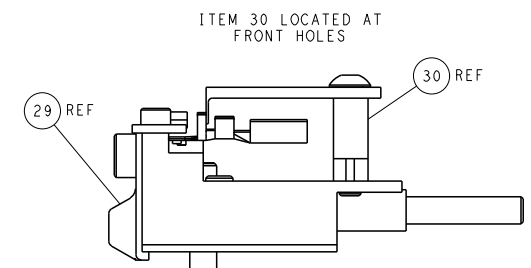
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

THIS DRAWING IS A COMPUTER GENERATED FILE. ANY DIMENSIONAL DISCREPANCY SHOULD BE CONTACTED FOR THE LATEST REVISION.				OWN X ZHAO 26 JUL 2011	 IE Connectivity Harrisburg, PA 17105-3608		
DIMENSIONS:				CHK T. ELBIN 26 JUL 2011			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPR S. YI 26 JUL 2011			
mm		0 PLC ±.5 1 PLC ±.5 2 PLC ±.5 3 PLC ±.013 4 PLC ±.0001		NAME			
		ANGLES ±.5		Ocean Side Feed Applicator			
MATERIAL		FINISH		SIZE			
-		-		CAGE CODE			
				DRAWING NO			
Customer Accessible Production Drawing				A1	00779	C-2151166	RESTRICTED TO
				SCALE	1:2	SHEET	4
				OF	4	REV	D1

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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