

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART							
					CONVERT TO	PART NUMBERS REQUIRED						
						PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-1	2119799-1	2063440-1
	2266188-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	SERVO LATCH PLATE	2119951-1	-	8-2266188-5	1901094-3	-	2168400-6 (QUANTITY 2)	
	2266188-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	SMART APPLICATOR	2161326-1	-	8-2266188-4	-	-	-	-
					MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-1	-	-	
					SERVO LATCH PLATE	2119951-1	-	8-2266188-5	1901094-3	-	2168400-6 (QUANTITY 2)	
	2266188-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	SMART APPLICATOR	2161326-1	-	8-2266188-4	-	-	-	-
					MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-1	-	-	
	2266188-6	A	NON-CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-1	2119799-1	-	2063440-1
-					-	-	-	-	-	-	-	-
2266188-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	-	
7-2266188-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-	

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	4.57 mm [.180]	F
INSUL	5.84 mm [.230]	F

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TRAMEC TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PLUG TERMINAL			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
6.20-6.58 mm [.244-.259 IN]		Ø 5.05 mm MAX [.199 IN MAX]	
TERMINAL APPLICATION SPECIFICATION	NONE		
TERMINALS APPLIED			
TE TERMINAL	TRAMEC TERMINAL	TE TERMINAL	TRAMEC TERMINAL
2113415-1	3819706		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
10 AWG	2.79+/-0.05 [.110+/- .002]	3.5
12 AWG	2.48+/-0.05 [.098+/- .002]	6.9
14 AWG	2.27+/-0.05 [.089+/- .002]	9.1



- 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: 8-2266188-4
 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266188-4
 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266188-5
 SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2266188-6
- 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 ITEMS 62 & 242. FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37 & 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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 3.01.

***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	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	269
-	1	1	1	1	1	1633782-3	FENCE	267
-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	1	1	1	1	1	1803078-1	SPACER, PRECISION	259
-	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	-	-	-	2161314-1	RAM, STEPPED, ATLANTIC, SF, NON-ADJ	245
-	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	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
-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)

SET UP GAUGE	LOC	DIST	REVISIONS				
2119599-1	A	66	REV	DATE	BY	APP'D	
			A	RELEASED	28FEB2014	LG	TE

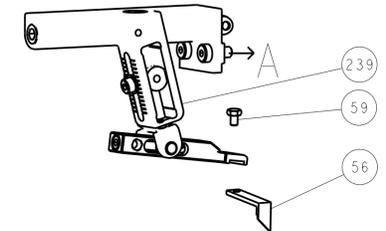
-	-	1	1	-	-	1901094-3	SPACER, FEEDER	198
-	1	1	1	1	1	2-1333296-3	CRIMPER, WIRE LOOSE PIECE	178
-	-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	-	1	-	240638-1	SPRING, FEED FINGER	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	455888-7	SPACER, CRIMPER	120
-	-	REF	REF	-	-	2119944-1	FEED FINGER ASSEMBLY, SF	117
-	1	1	1	1	1	1-690438-0	FRONT STRIP GUIDE	96
-	2	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	1	1	1	318563-1	GUARD, FRONT CHIP	89
-	1	1	1	1	1	455888-1	SPACER, CRIMPER	82
-	2	2	2	2	2	2079383-4	SCR, BHSC, RoHS (M4 X 8)	79
-	1	1	1	1	1	1803096-1	EXTENSION PLATE	78
-	1	1	1	1	1	22278-9	SPRING, COMPRESSION	77
-	1	1	1	1	1	854769-4	HOLDER, INS	74
-	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	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	2	2	2	2	2	2-18032-5	SCR, SET, FLT POINT M5 X 20.0	61
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	-	-	-	-	1	1338683-8	FEED PAWL	56
-	4	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54
-	2	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	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	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	2161311-1	RAM, STEPPED, AMP STYLE, SIDE FEED	44
-	1	1	1	1	1	1-2079383-5	SCR, BHSC, RoHS (M8 X 40)	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	1-2119644-3	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	1320908-8	SPACER, STRIP GUIDE	30
-	1	1	1	1	1	2119959-3	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1	455888-3	SPACER, CRIMPER	28
-	2	2	2	2	2	22283-1	SPRING, COMPRESSION	27
-	1	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	1	1	1	240792-1	DRAG, TERMINAL	25
-	1	1	1	1	1	1320928-4	STRIP GUIDE	24
-	1	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	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	2119533-3	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	2-1803057-1	ANVIL, COMBINATION	8
-	1	1	1	1	1	8-240641-5	SPACER	7
-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1-2119780-2	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
-	1	1	1	1	1	2-1803017-7	CRIMPER, INSULATION F	3
-	1	1	1	1	1	1-455888-1	SPACER, CRIMPER	2
-	1	1	1	1	1	1-456412-0	CRIMPER, WIRE .180 F PREMIUM	1
-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE		DRAWING NO	
mm	0 PLC ±.05	1 PLC ±.05	2 PLC ±.05	3 PLC ±.05	4 PLC ±.05	5 PLC ±.05	6 PLC ±.05
	ANGLES ±.0001						
MATERIAL	FINISH	WEIGHT	SCALE	SHEET	OF	REV	
			1:2	1	4	A	

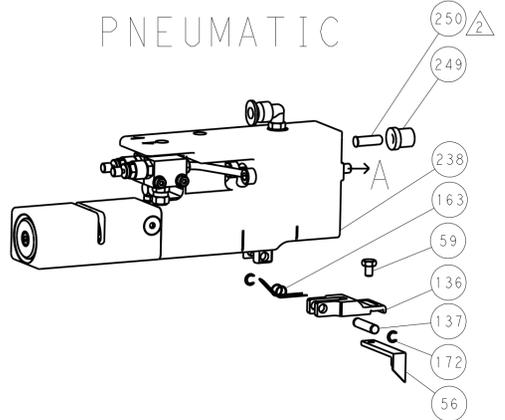
Customer Accessible Production Drawing

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

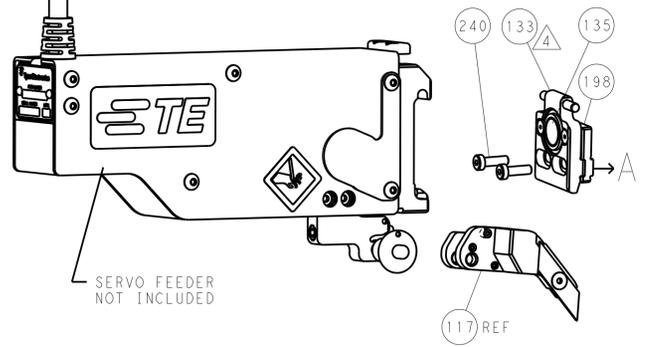
FEED TYPE MECHANICAL



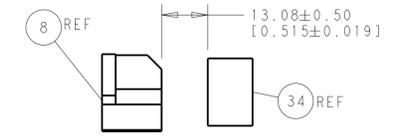
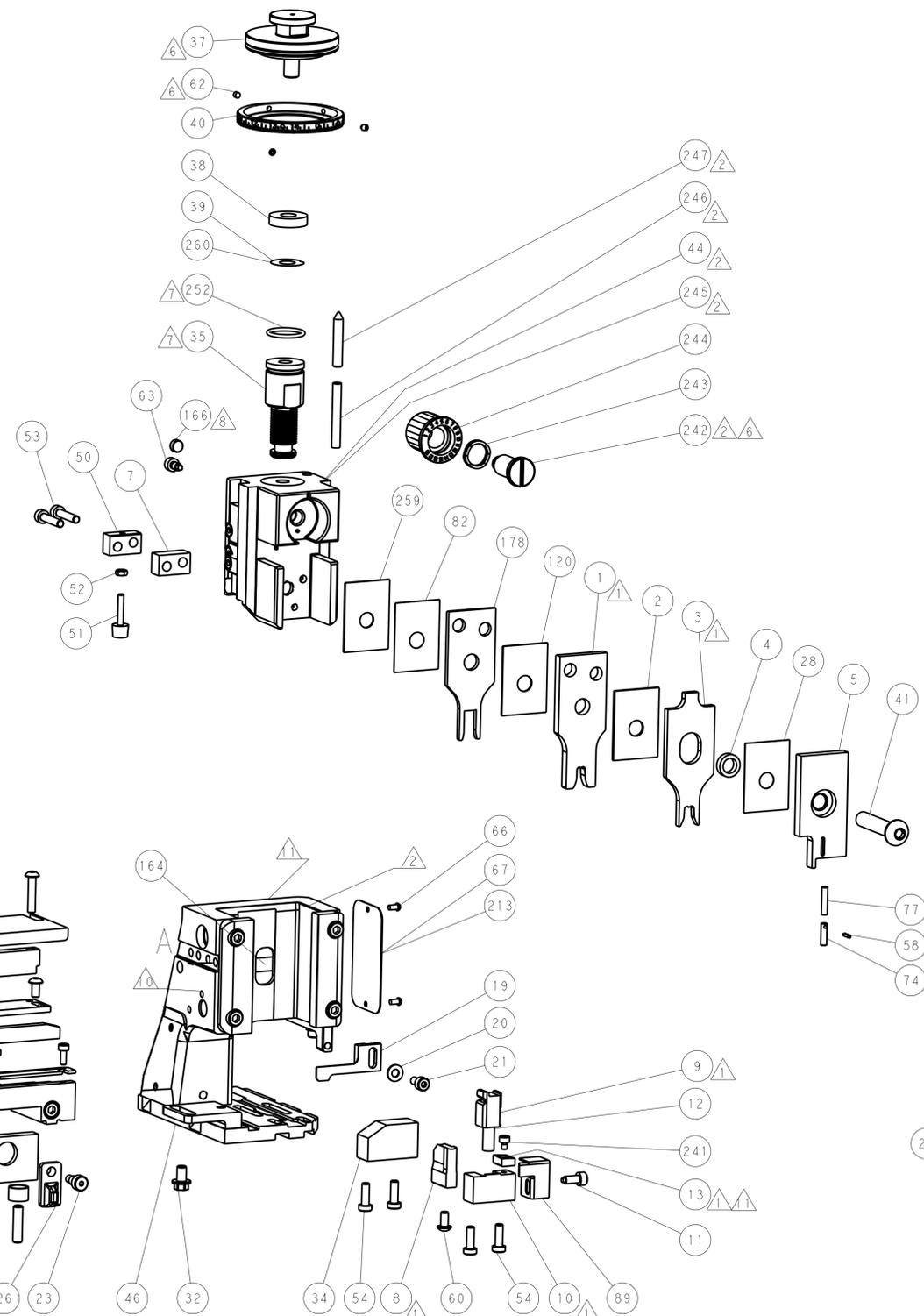
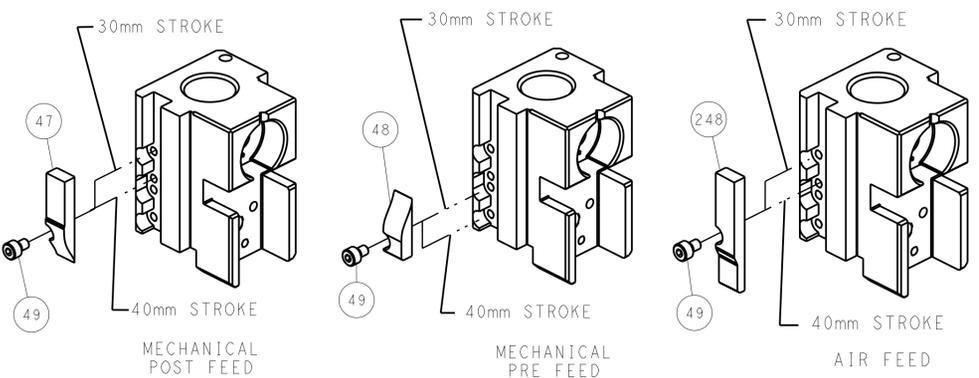
PNEUMATIC



SERVO LATCH PLATE

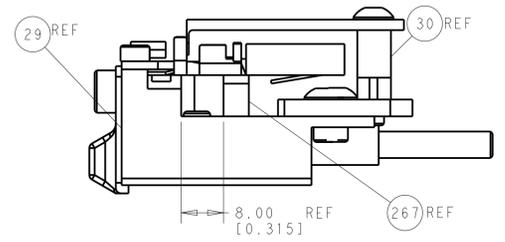


CAM POSITIONS



TERMINAL SUPPORT LOCATION

ITEM 30 LOCATED AT FRONT HOLES



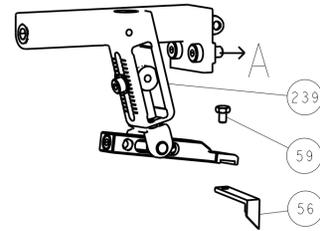
FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

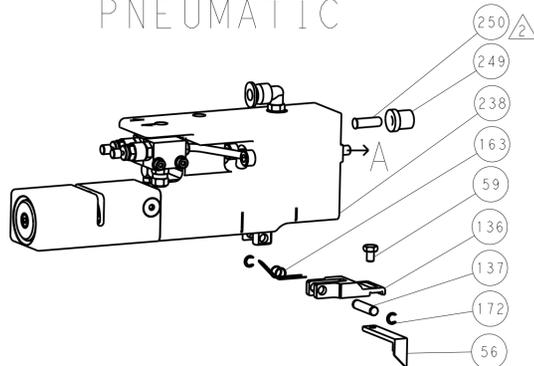
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: EL GROSS 23JAN2014		TE Connectivity	
mm	0 PLC ±0.5	1 PLC ±0.13	2 PLC ±0.13	3 PLC ±0.013	4 PLC ±0.001	NAME: Ocean Side Feed Applicator	Harrisburg, PA 17105-3608
MATERIAL:		FINISH:		APVD: D. STOUGH 23JAN2014		RESTRICTED TO:	
				PRODUCT SPEC:		SIZE: CAGE CODE: DRAWING NO:	
				APPLICATION SPEC:		A11 00779 ©=2266188	
				WEIGHT:		SCALE: 1:2 SHEET 2 OF 4 REV A	
				Customer Accessible Production Drawing		SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION	

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

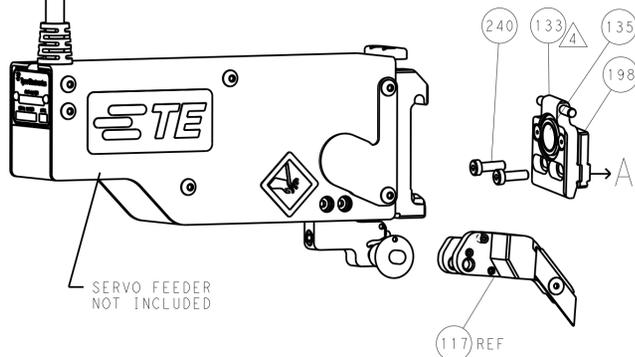
FEED TYPE MECHANICAL



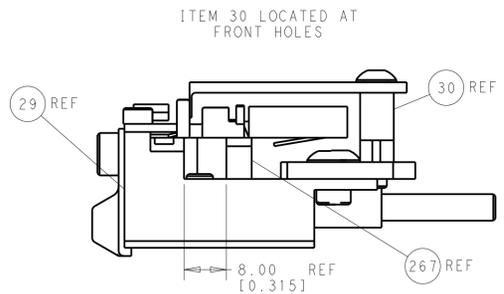
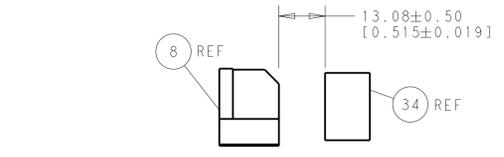
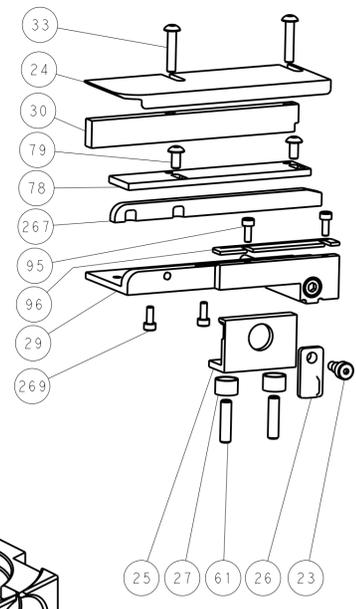
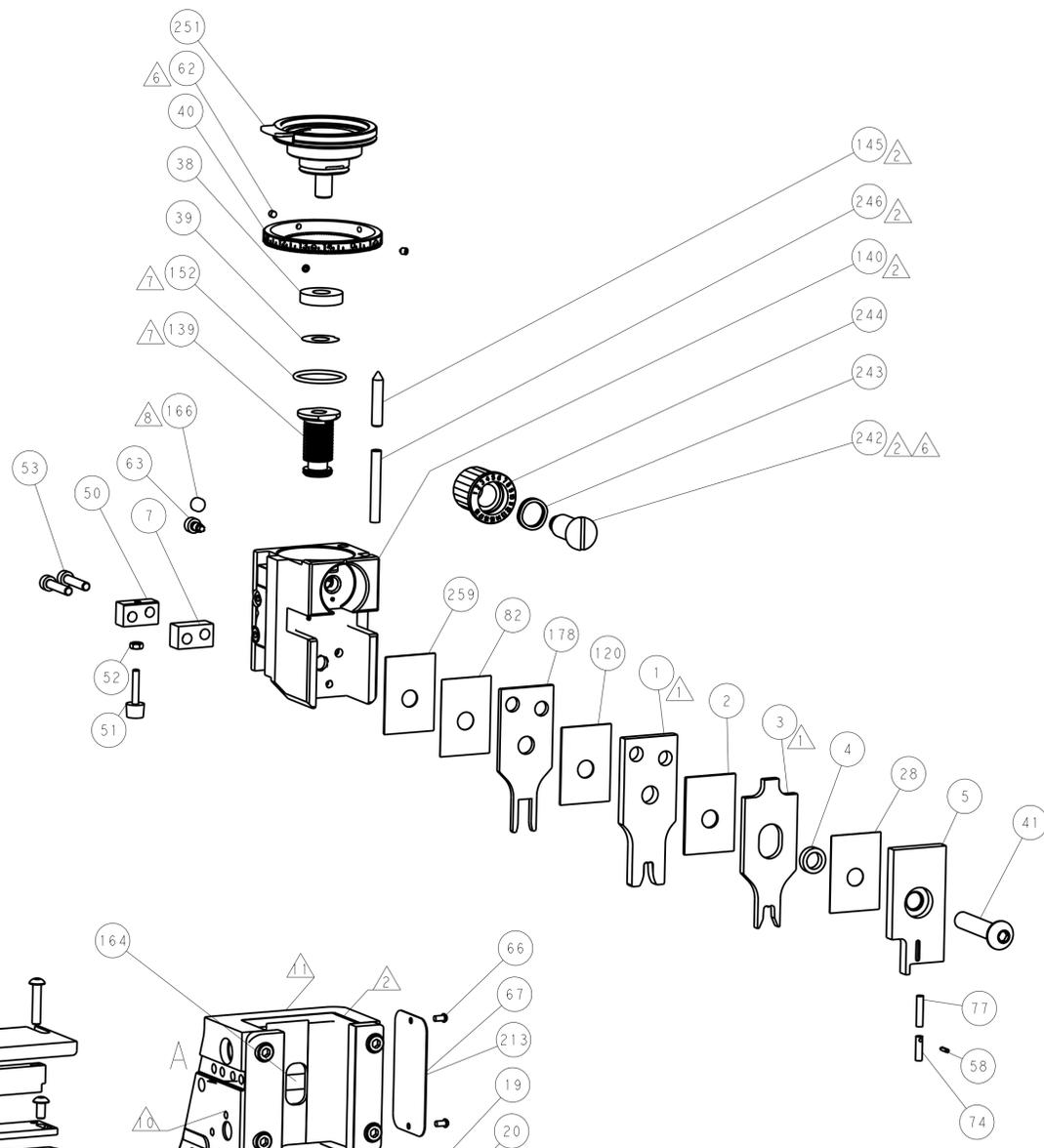
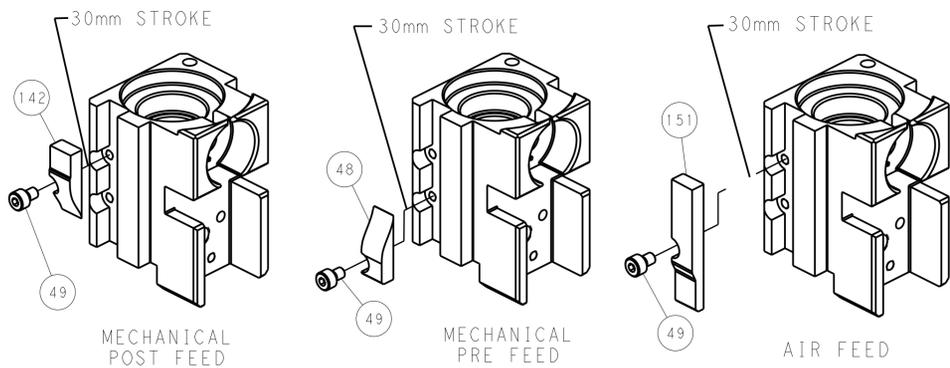
PNEUMATIC



SERVO LATCH PLATE



CAM POSITIONS



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		TE Connectivity	
mm	0 PLC ±0.5	1 PLC ±0.5	2 PLC ±0.13	3 PLC ±0.013	23JAN2014	Harrisburg, PA 17105-3608	
	4 PLC ±0.001	ANGLES ±0.001		APVD	23JAN2014	NAME	
MATERIAL	FINISH	WEIGHT		PRODUCT SPEC		Ocean Side Feed Applicator	
				APPLICATION SPEC		SIZE	RESTRICTED TO
				SCALE	1:2	CAGE CODE	DRAWING NO
				SHEET	4	00779	©=2266188
				Customer Accessible Production Drawing			REV
							A