

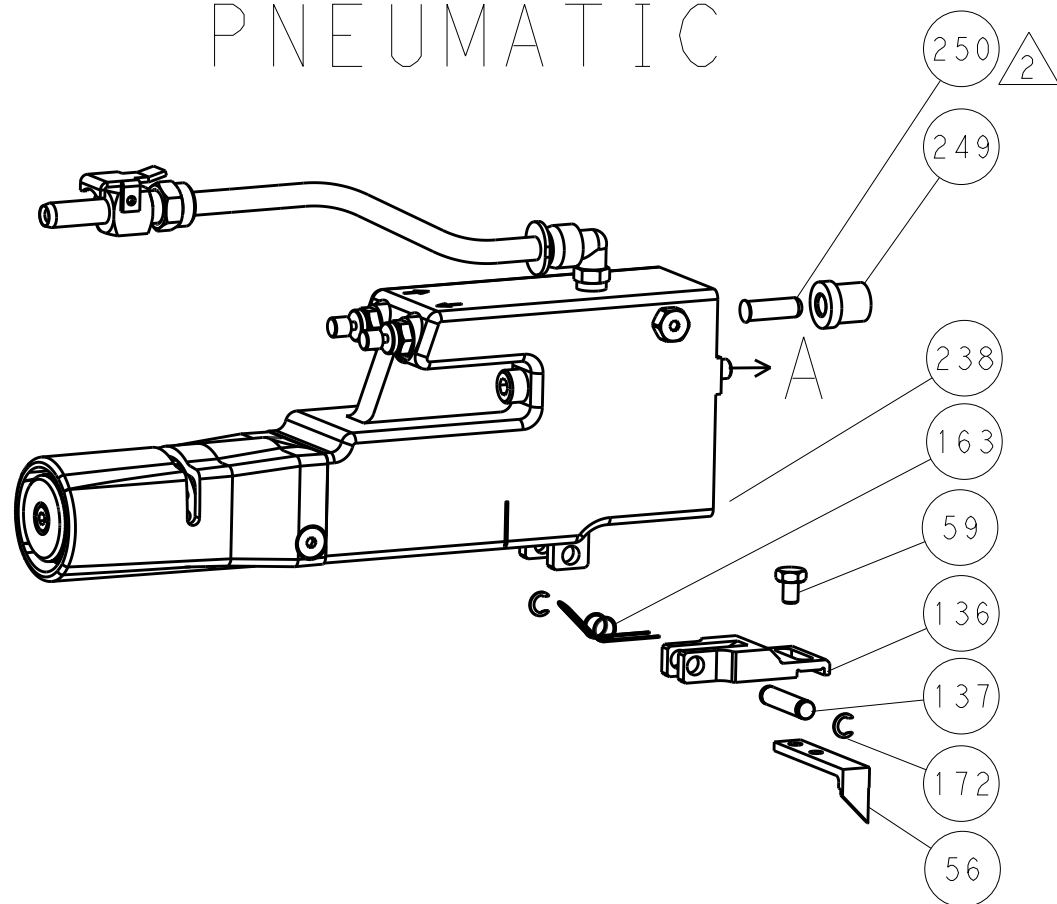
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LOC		DIST		REVISONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

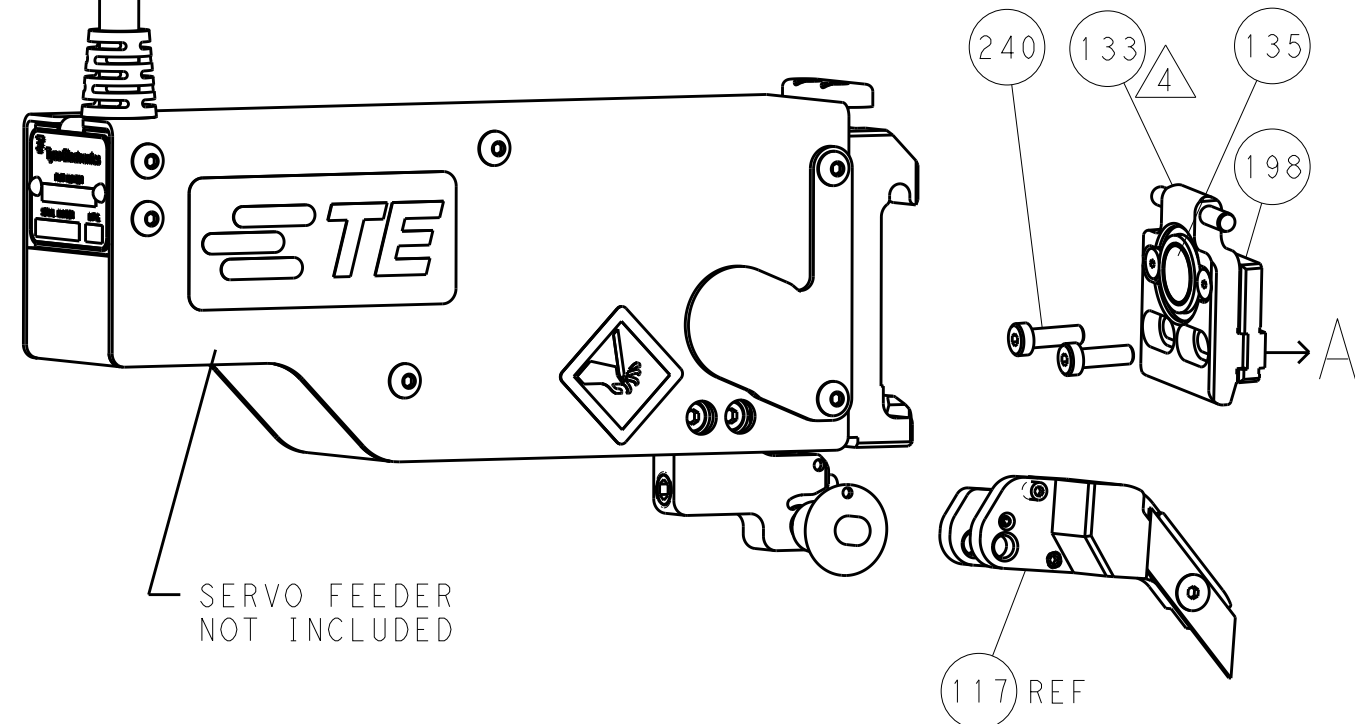
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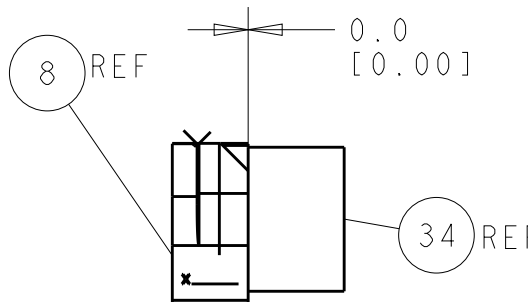
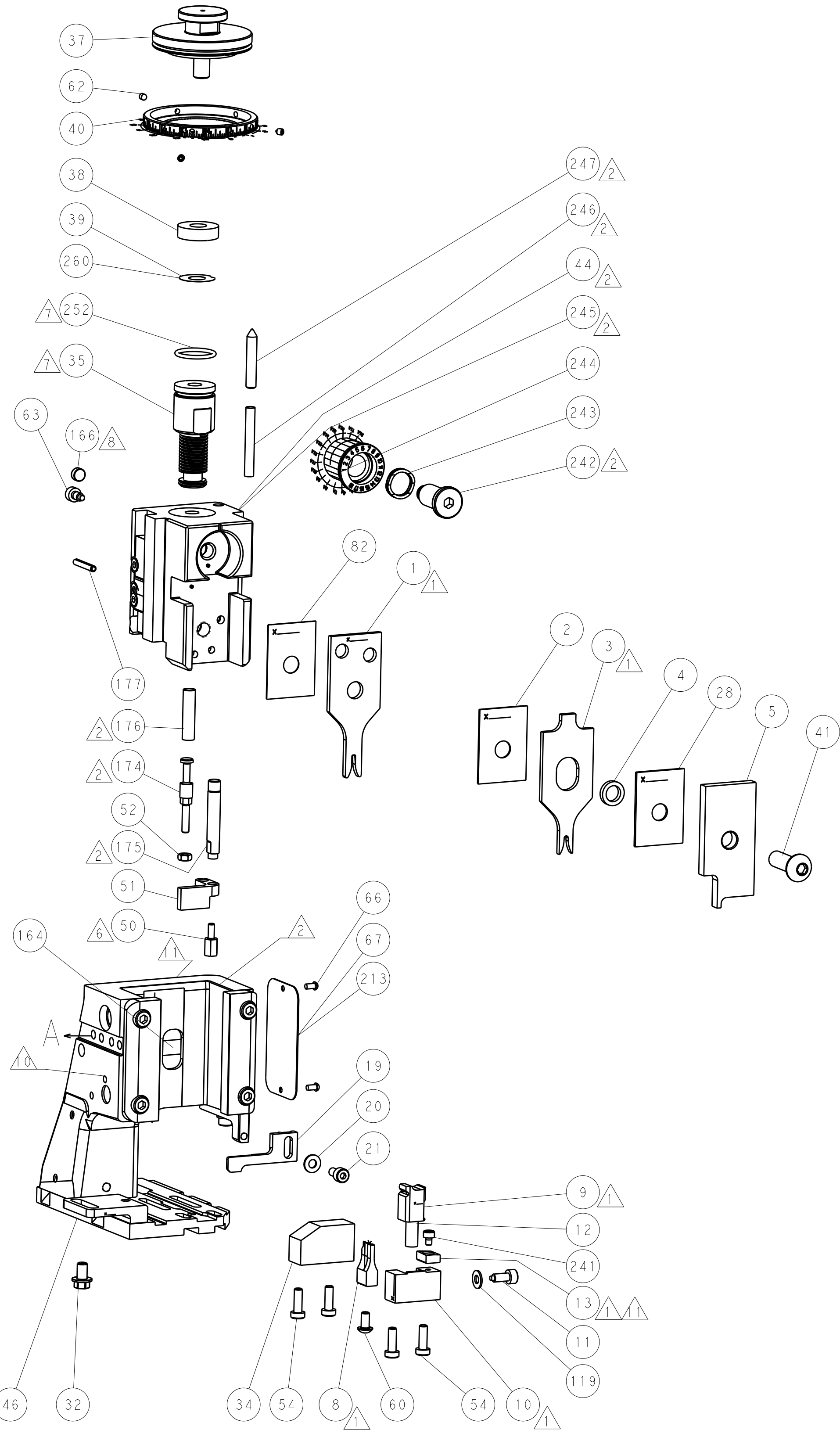
PNEUMATIC



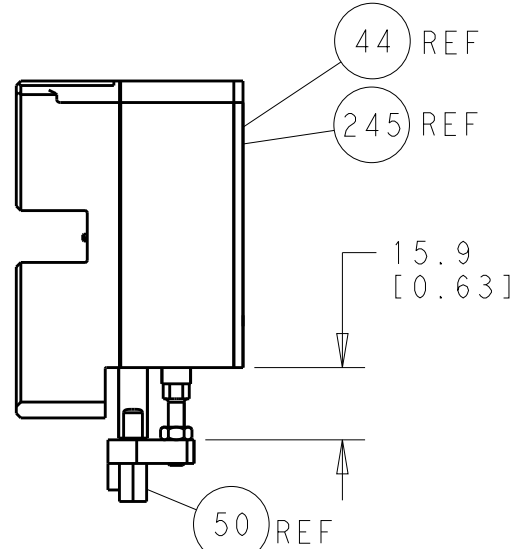
SERVO
LATCH PLATE



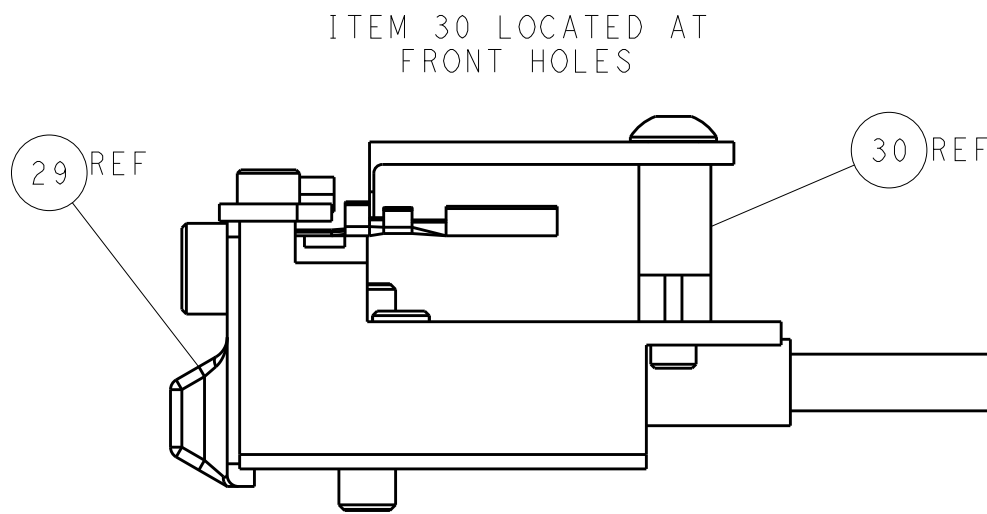
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP

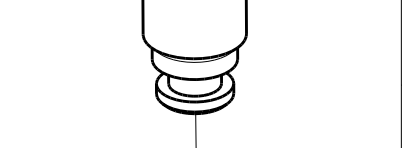


FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

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CHK S. XI 21JUN2012				APVD J. CRUZ 21JUN2012				NAME Ocean Side Feed			
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				PRODUCT SPEC			
MATERIAL				FINISH				APPLICATION SPEC			
WEIGHT				SCALE				RESTRICTED TO			
Customer Accessible Production Drawing				1:2				SIZE A1			
CAGE CODE				DRAWING NO				SHEET 2 OF 4			
00779				©=2151217				REV A1			

8		7	
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20		20	
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PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2151217-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
					SERVO LATCH PLATE	2119951-1	-	8-2151217-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151217-4	-	-	-
	2-2151217-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	-	8-2151217-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151217-4	-	-	-
	2-2151217-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE 	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
	2-2151217-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
	7-2151217-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	2.29 mm [.090]	O
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MICRO-TIMER I WITH SPRING			
WIRE STRIP LENGTH 3.20-3.80 mm [.126-.150 IN]		INSULATION DIAMETER RANGE Ø1.40-1.60 mm [.055-.063 IN]	
TERMINAL APPLICATION SPECIFICATION (A)114-18163		-	-
TERMINAL SPECIFICATION		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 929950-1	(A) 929950-2	(A) 929950-3	(A) 929950-4
(A) 929950-5	(A) 929950-6		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
0.50mm2		1.12+/-0.03 [.044+/- .001]		6.0
0.35mm2		1.05+/-0.03 [.041+/- .001]		6.8
0.25mm2		1.00+/-0.03 [.039+/- .001]		7.2
0.20mm2		0.98+/-0.03 [.039+/- .001]		7.3



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: 8-2151217-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151217-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151217-5
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.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
7. GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.
8. MAGNET 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 BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MICRO-TIMER I WITH SPRING			
WIRE STRIP LENGTH 3.20-3.80 mm [.126-.150 IN]		INSULATION DIAMETER RANGE Ø1.40-1.60 mm [.055-.063 IN]	
TERMINAL APPLICATION SPECIFICATION		(A)114-18163 (B)114-15091	
TERMINALS APPLIED			
TE TERMINAL (B) 185157-1	TE TERMINAL	TE TERMINAL	TE TERMINAL

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
0.50mm2		1.12+/-0.05 [0.044+/- .002]		6.0
0.35mm2		1.05+/-0.05 [0.041+/- .002]		6.8

```
*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	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
-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

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

[illegible]

	-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
	-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
6	-	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	198
	-	1	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
	-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
	-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
	-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
	-	-	-	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	455888-4	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
6	-	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	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
	-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
6	-	1	1	1	1	1-1752354-8	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	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	1320908-6	SPACER, STRIP GUIDE	30
	-	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1	1	1-455888-0	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
	-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
	-	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	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1	1-133202-3	ANVIL, COMBINATION	8
	-	-	-	-	-	-	-	7
	-	-	-	-	-	-	-	6
	-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1	1633965-4	CRIMPER, INSULATION O PREMIUM	3
	-	1	1	1	1	455888-7	SPACER, CRIMPER	2
1	1	1	1	1	1	2-456403-6	CRIMPER, WIRE PREMIUM	1
	-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS A CONTROLLED DOCUMENT FOR FPD ELECTRONIC CORPORATION IT IS SUBJECT TO DESIGN AND/OR CONSTRUCTION CHANGES AND REVISIONS SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN 21JUN2012 C. CHEN CHK 21JUN2012 S. XI APVD 21JUN2012 T. CRUZ		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean Side Feed PRODUCT SPEC - APPLICATION SPEC -	
MATERIAL - FINISH -		WEIGHT -		SIZE CASE CODE DRAWING NO RESTRICTED TO A1 00779 C=2151217 -	
Customer Accessible Production Drawing				SCALE 1:2 SHEET 3 of 4 REV A1	

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

D

C

B

A

D

C

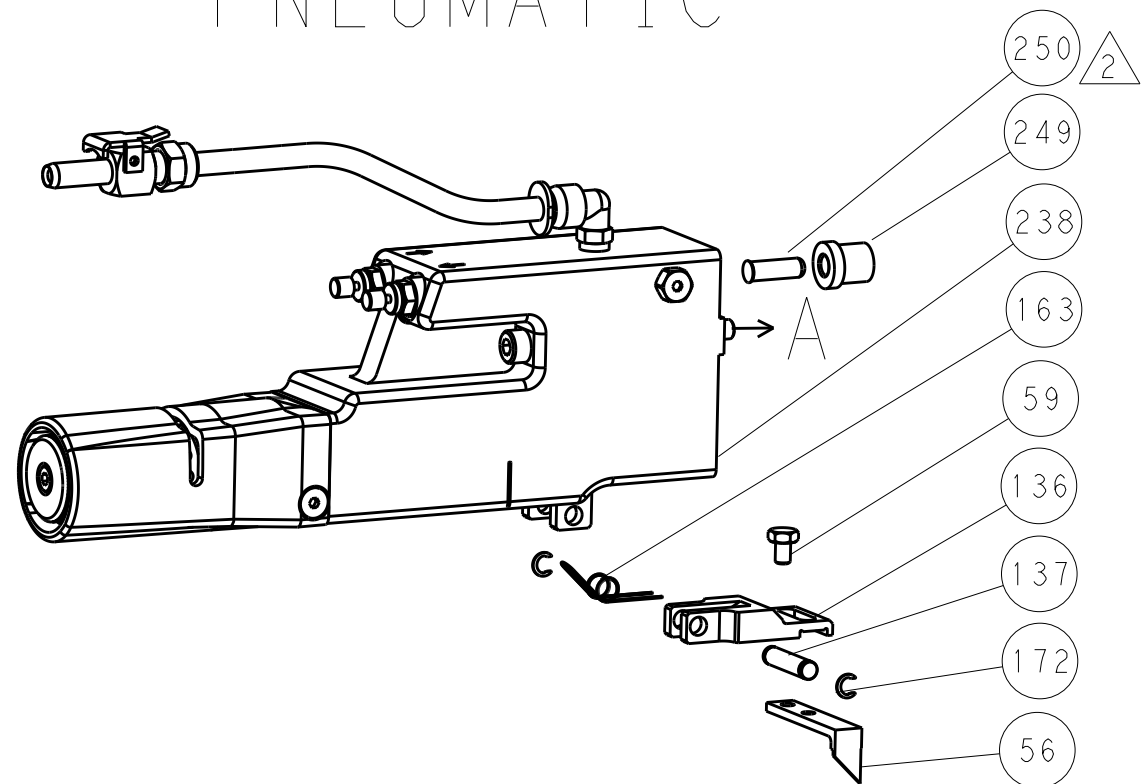
B

A

FEED TYPE MECHANICAL



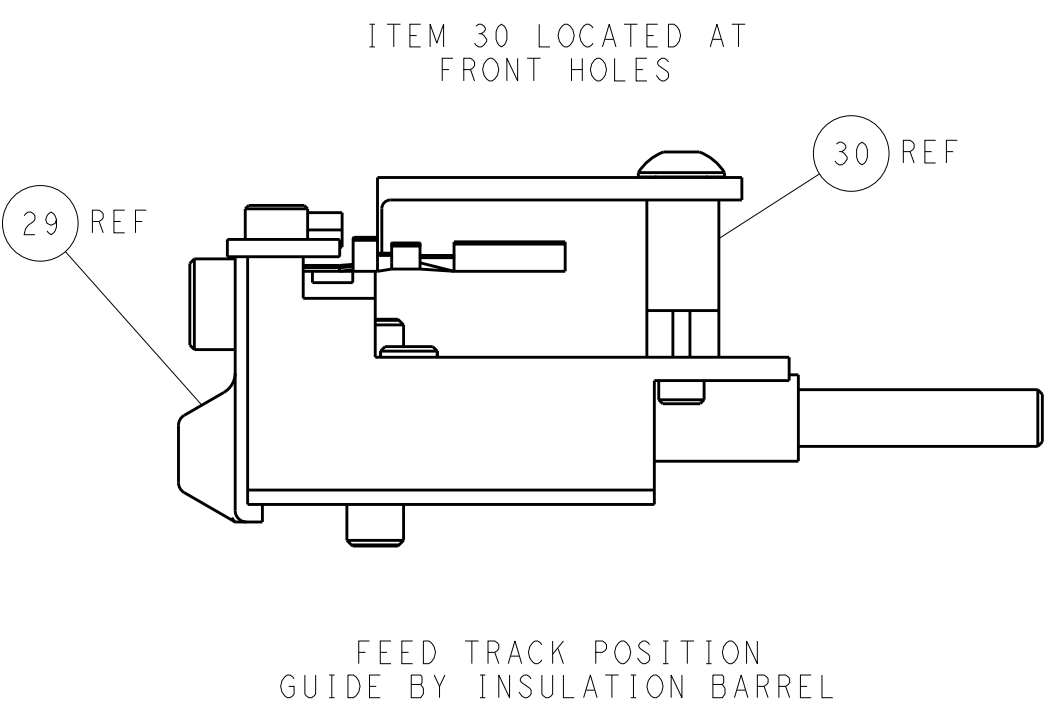
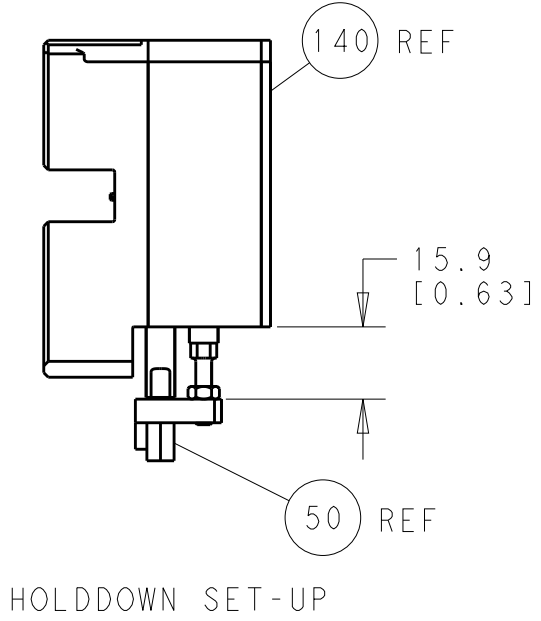
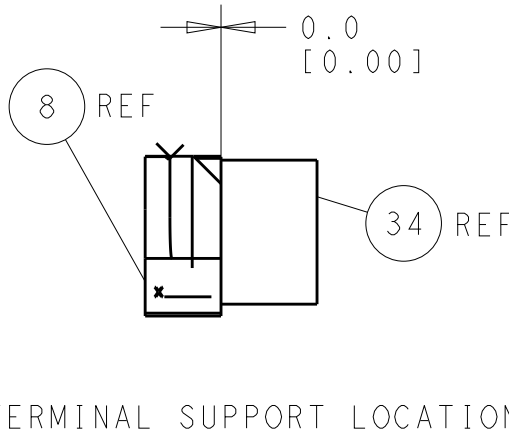
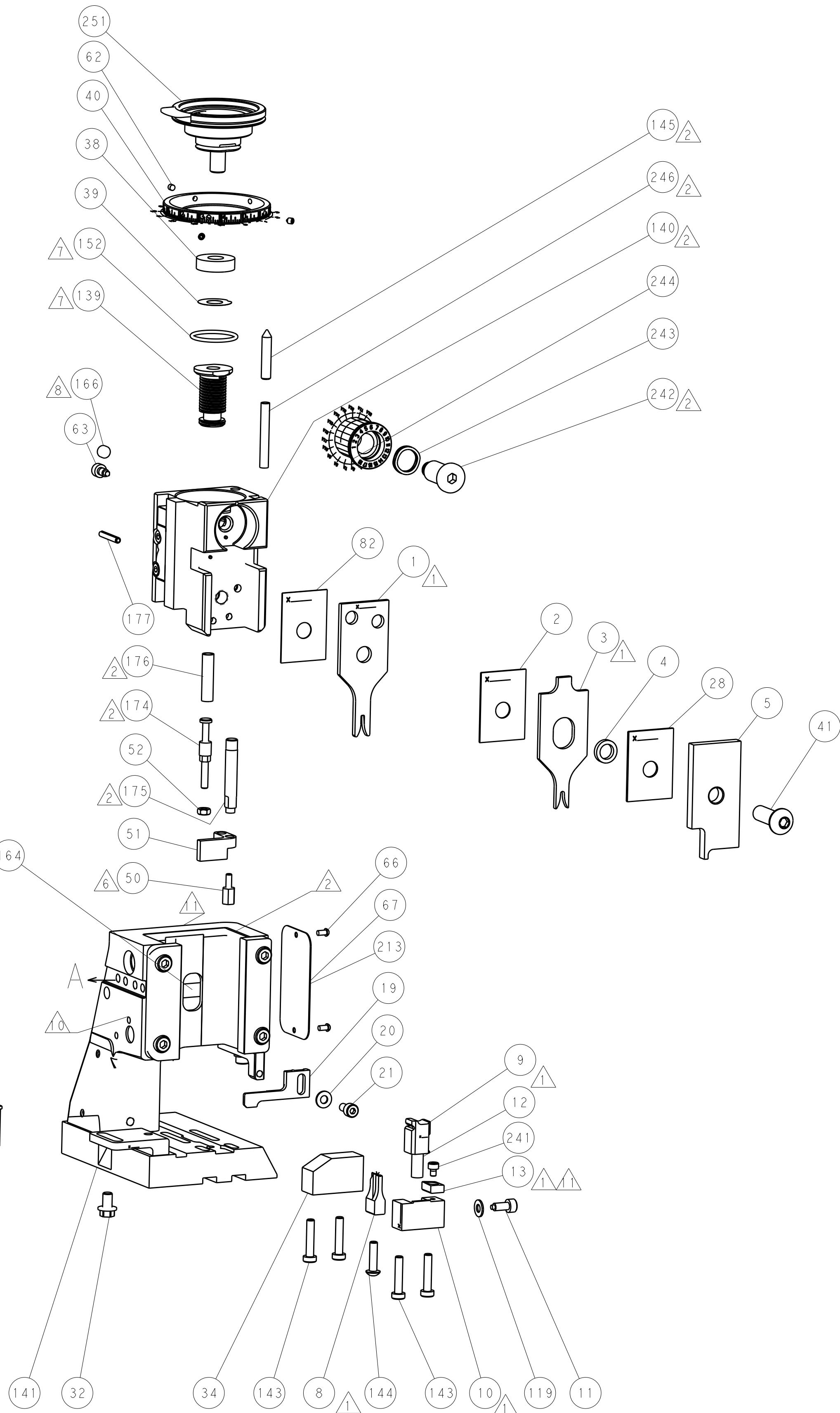
PNEUMATIC



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)

1. TEST, FINISH, IT'S A CONTROLLED DOCUMENT FOR THE CUSTOMER'S INFORMATION AND USE. IT SHOULD BE CONTROLLED FOR THE LATEST VERSION.				DWN		21JUN2012		 TE Connectivity Harrisburg, PA 17105-3608									
C. CHEN				21JUN2012		S. XI											
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:		I. CRUZ		21JUN2012		NAME		Ocean Side Feed					
mm				0 PLC ±0.5		PRODUCT SPEC		-		SIZE		CAGE CODE		DRAWING NO.		RESTRICTED TO	
				1 PLC ±0.13		APPLICATION SPEC		-		A		100779		C=2151217			
MATERIAL				FINISH		WEIGHT		-									
-				-		-		-		Customer Accessible Production		Customer Accessible Production		SCALE		1:2	
														SHEET		4	
														OF		4	
														REV		A	