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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

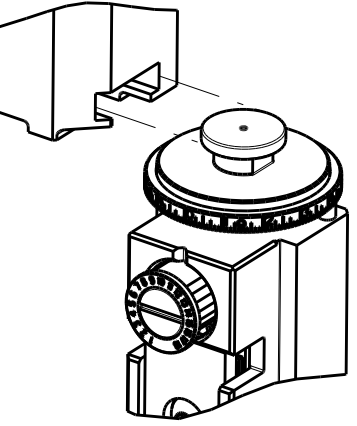
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151562-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE
SMART APPLICATOR

2119951-1
2161326-1

-
-

8-2151562-5
8-2151562-4

1901094-3
-

-
-

2168400-6 (QUANTITY 2)

2151562-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

PNEUMATIC FEED

2119950-1
1338685-1

-
-

5-18022-5

2119641-1
2119799-1

-
-

2063440-1

2151562-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

-

-

-

-

-

-

2151562-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151562-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.79 mm [.110]

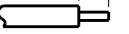
F

INSUL

3.56 mm [.140]

O

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 4.8 mm TAB WITH DOUBLE LL			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
4.80-5.60 mm [.189-.220 IN]			Ø2.10-3.00 mm [.083-.118 IN]
TERMINAL APPLICATION SPECIFICATION		114-18022	-
		-	-
TERMINALS APPLIED  			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
962904-1	962904-2	962884-1	962884-2

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.97+/-0.05 [.078+/- .002]	5.8
2.00mm2	1.83+/-0.05 [.072+/- .002]	7.3
1.50mm2	1.69+/-0.05 [.067+/- .002]	8.9

- 
- 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:
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151562-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151562-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151562-6
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

TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.
- 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 4.73.
- 13

FEED ADJUSTMENTS MAY BE REQUIRED WHEN SWITCHING TERMINALS.

*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.

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 2119599-1	LOC A	DIST 66	REVISIONS			
			P	LTR	DESCRIPTION	DATE
				2	DEVELOPMENT	21MAR2013
				A	RELEASED	07AUG2013

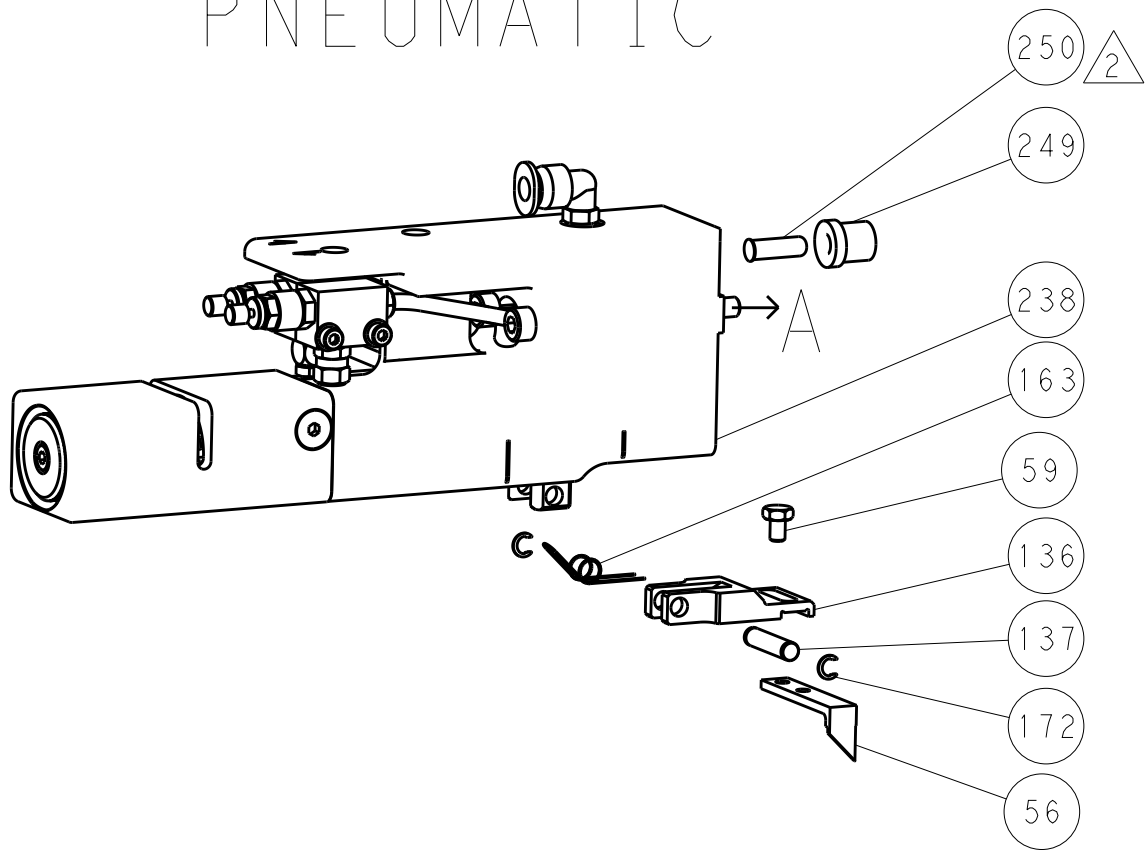
-	-	1	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	-	1	-	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
-	-	-	-	1	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	-	1	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	-	-	-	1	2119641-1	FEED CAM, AIR FEED	248
-	1	-	1	1	2119798-1	DETENT PIN	247
-	1	-	1	1	1-22279-3	SPRING, COMPRESSION	246
-	-	1	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	245
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	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	2	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2063440-1	AIR FEED MODULE	238
-	-	1	1	-	2119740-2	TAG,IDENTIFICATION	213
-	-	1	1	-	1901094-3	SPACER, FEEDER	198
-	-	-	-	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	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	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	REF	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	-	-	1	2119740-1	TAG,IDENTIFICATION	67
-	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	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	1	1	1	1	2079383-4	SCR, BHSC, RoHS (M4 X 8)	60
-	-	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	-	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	53
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-2	SPACER, TONKER	50
-	-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1	1	1	2119656-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	-	1	1	2119370-1	RAM, AMP STYLE, SIDE FEED	44
-	1	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41
-	1	-	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40
-	1	-	1	1	2119957-1	APPLICATOR SHIM PACK	39
-	1	1	1	1	2119644-2	RAM WASHER, PRECISION	38
-	1	1	1	1	2119085-1	FA HEAD, ATLANTIC STYLE	37
-	1	-	1	1	2119092-1	BOLT, ADJUSTMENT	35
-	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	1-1320908-2	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	28
-	1	1	1	1	1320928-6	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	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1333207-7	ANVIL, COMBINATION .110	8
-	1	1	1	1	8-240641-5	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
-	1	1	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1633965-9	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-9	SPACER, CRIMPER	2
1	1	1	1	1	2-456408-0	CRIMPER, WIRE PREMIUM	1

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LATEST REVISIONS. ANY CHANGES TO THIS DRAWING SHALL BE CONTACTED FOR THE LATEST REVISION.		OWN CHK S.XI APVD S.XI	19JUN2012 19JUN2012 19JUN2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.5		NAME Ocean Side Feed Applicator	
MATERIAL -		FINISH -		SIZE A1	
				CAGE CODE 00779	
				DRAWING NO C=2151562	
				RESTRICTED TO -	
				Customer Accessible Production Drawing	
				SCALE 1:2	
				SHEET 1	
				OF 4	
				REV A	

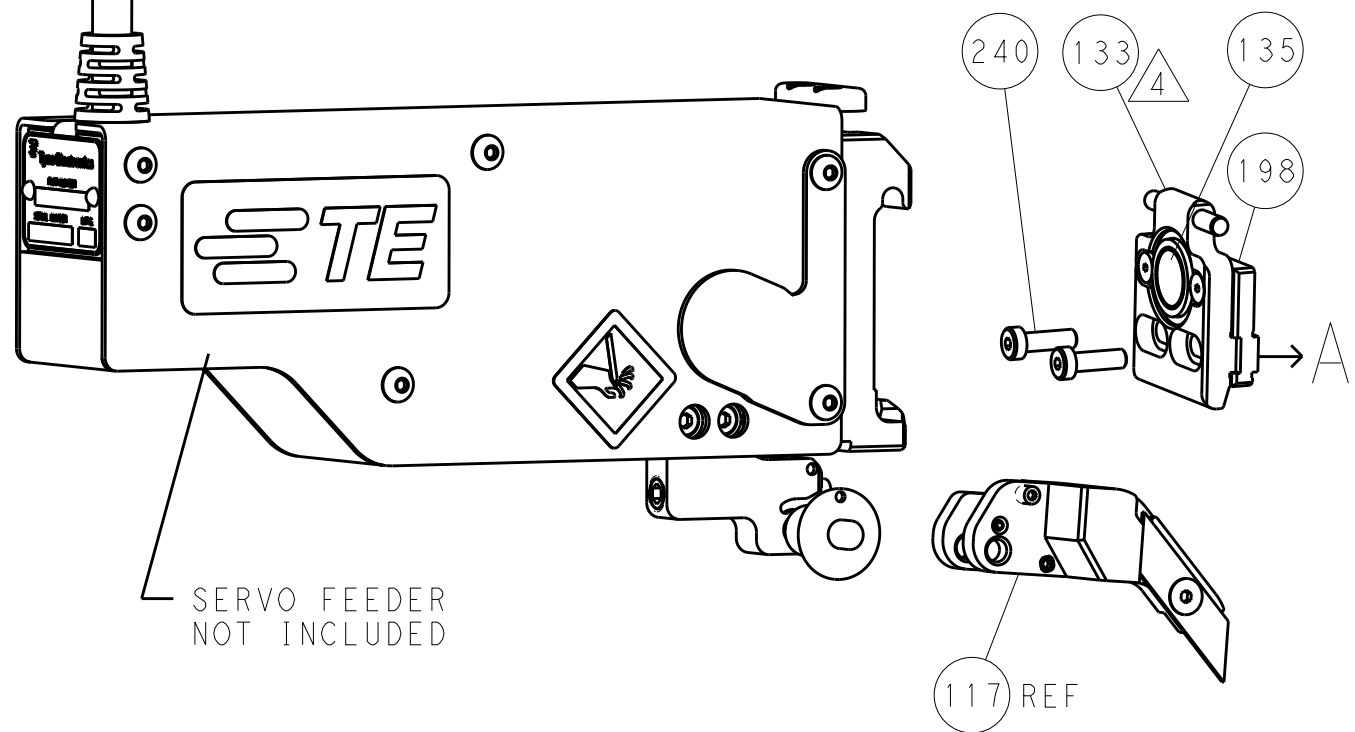
LOC		DIST		REVISONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

FEED TYPE

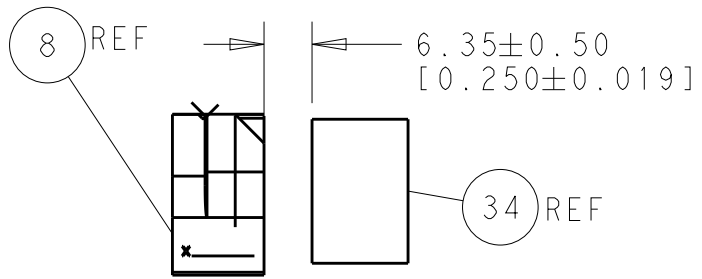
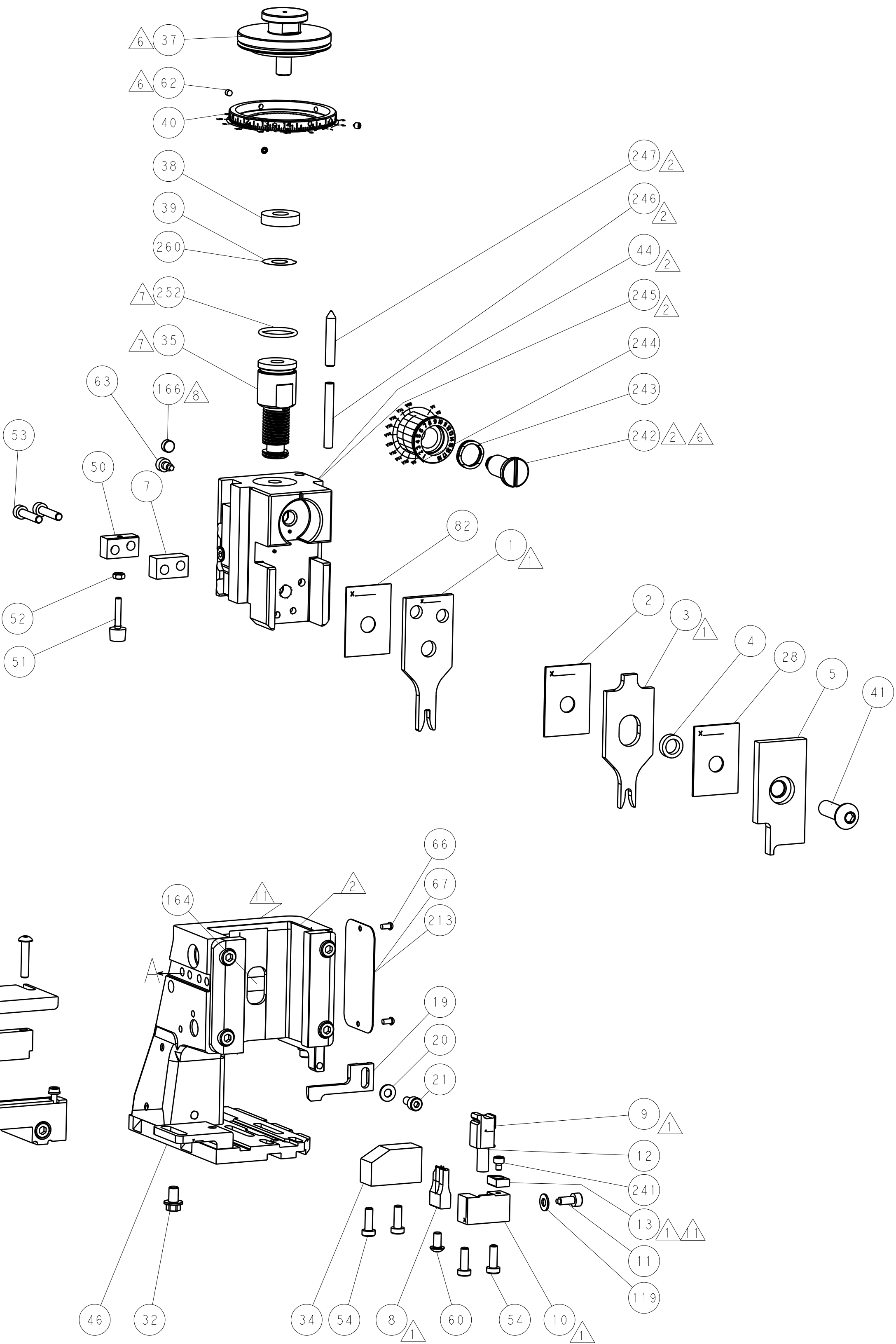
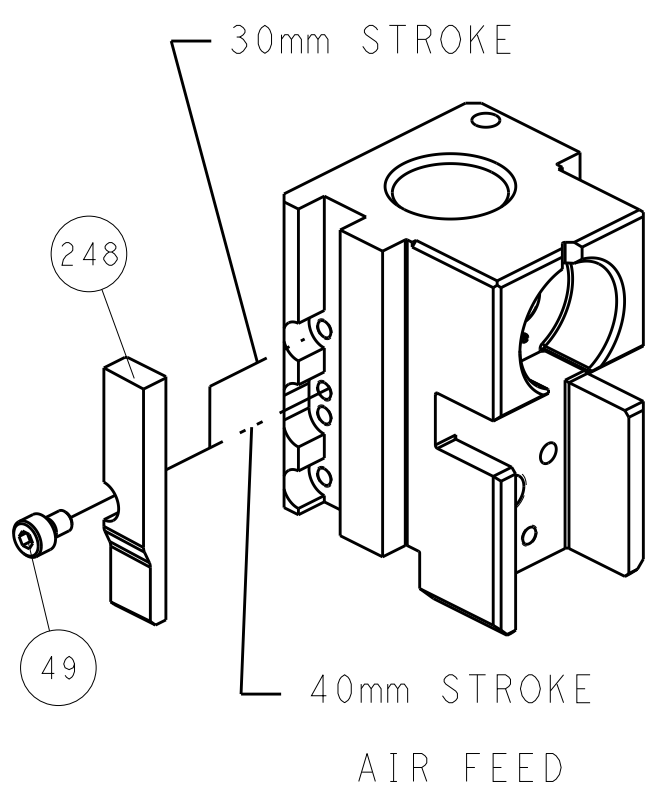
PNEUMATIC



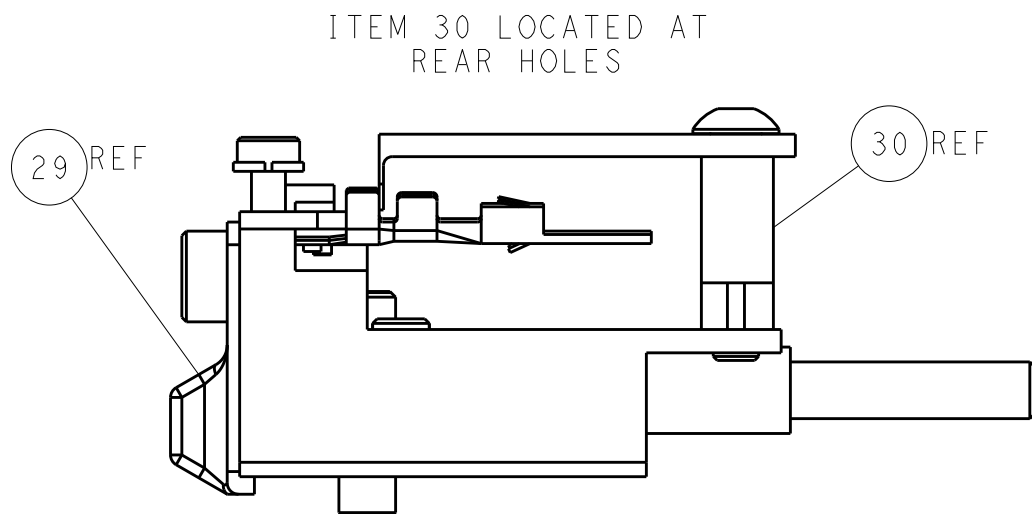
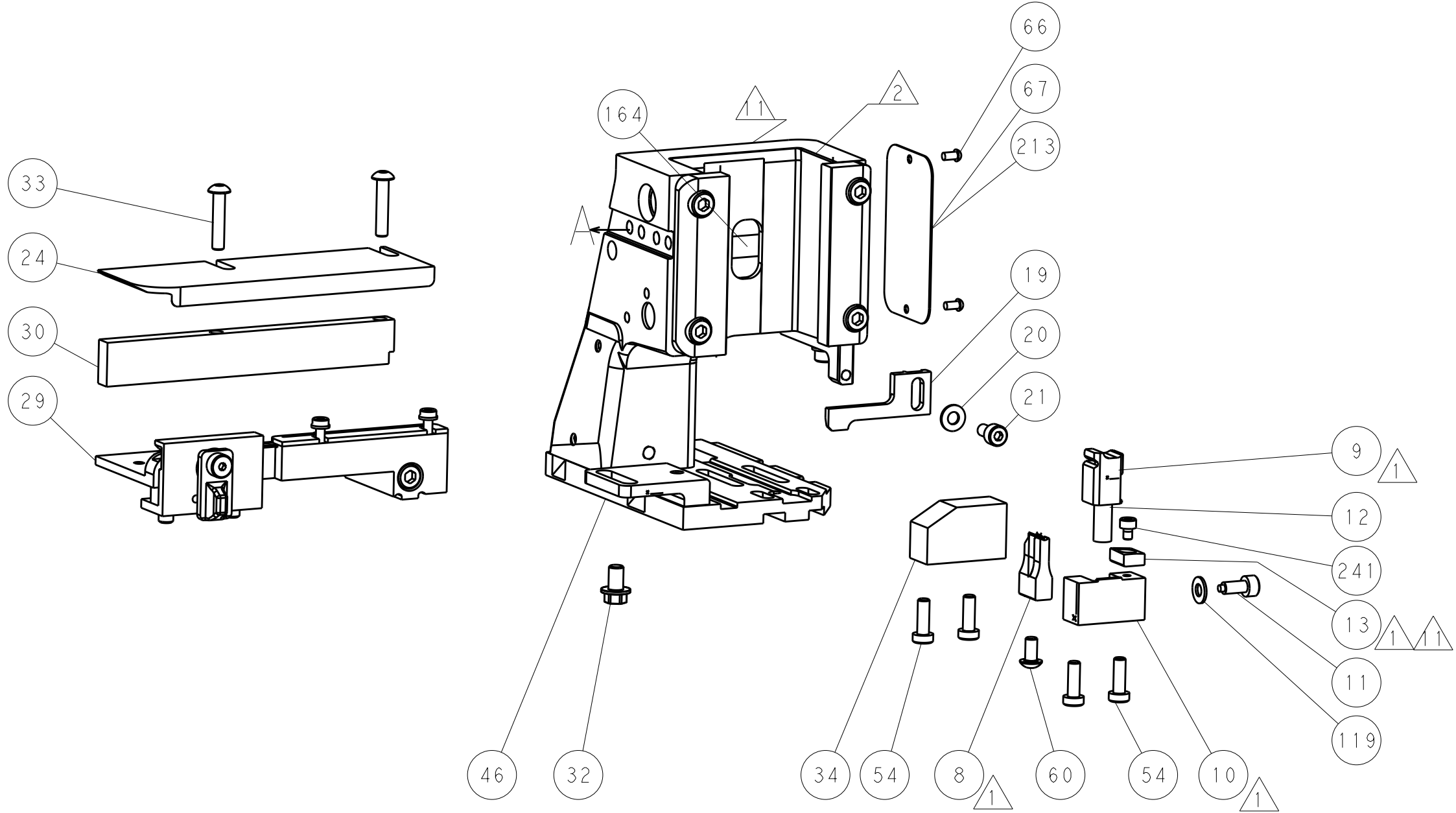
SERVO LATCH PLATE



CAM POSITION

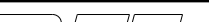


TERMINAL SUPPORT LOCATION



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 DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN	19JUN2012	 TE Connectivity Harrisburg, PA 17105-3608				
				CHK	19JUN2012					
				APVD	19JUN2012					
				NAME						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		Ocean Side Feed Applicator				
mm		0 PLC ±.5		APPLICATION SPEC						
		1 PLC ±0.13								
		2 PLC ±0.13								
		3 PLC ±0.013								
		4 PLC ±0.0001								
		ANGLES ±.1								
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
-		-		-		A		00779	C=2151562	-
Customer Accessible Production Drawing										
						SCALE		1:2		SHEET
								2 of 4		REV A

REVISIONS			
DESCRIPTION	DATE	BY	APP

				DATE	DWR	APVD
2779999	P	A	00	-	-	-
				SEE SHEET 1		



6	-	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
	-	1	1	1	1-22279-3	SPRING, COMPRESSION	246
	-	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
	-	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	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	2063440-1	AIR FEED MODULE	238
	-	-	1	-	2119740-2	TAG, IDENTIFICATION	213
	-	-	1	-	1901094-3	SPACER, FEEDER	198
	-	-	-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	177
	-	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
	-	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	-	-	1	240638-1	SPRING, FEED FINGER	163
	-	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	2119798-2	DETENT PIN	145
	-	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
	-	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
	-	1	1	1	1-2119656-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
	-	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	1-18028-2	WASHER, FLAT, REG M4	119	
-	-	REF	-	2119944-1	FEED FINGER ASSEMBLY, SF	117	
-	1	1	1	455888-5	SPACER, CRIMPER	82	
-	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71	
-	1	-	1	2119740-1	TAG, IDENTIFICATION	67	
-	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66	
-	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63	
6	-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59	
-	-	-	1	1338685-1	PAWL, FEED	56	
-	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	53	
-	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52	
-	1	1	1	811242-5	BUMPER, HOLD DOWN	51	
-	1	1	1	690753-2	SPACER, TONKER	50	
-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49	
-	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41	
-	1	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40	
-	1	1	1	2119957-1	APPLICATOR SHIM PACK	39	
-	1	1	1	2119644-2	RAM WASHER, PRECISION	38	
-	1	1	1	1752356-6	SUPPORT, TERMINAL	34	
-	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33	
-	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32	
-	1	1	1	1-1320908-2	SPACER, STRIP GUIDE	30	
-	1	1	1	2119959-2	ASSEMBLY, STRIP GUIDE	29	
-	1	1	1	1-455888-0	SPACER, CRIMPER	28	
-	1	1	1	1320928-6	STRIP GUIDE	24	
-	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21	
-	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20	
-	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	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1333207-7	ANVIL, COMBINATION .110	8
-	1	1	1	1	8-240641-5	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
-	1	1	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1633965-9	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-9	SPACER, CRIMPER	2
1	1	1	1	1	2-456408-0	CRIMPER, WIRE PREMIUM	1
-77	-27	-25	-22	PART NO	DESCRIPTION	ITEM NO	



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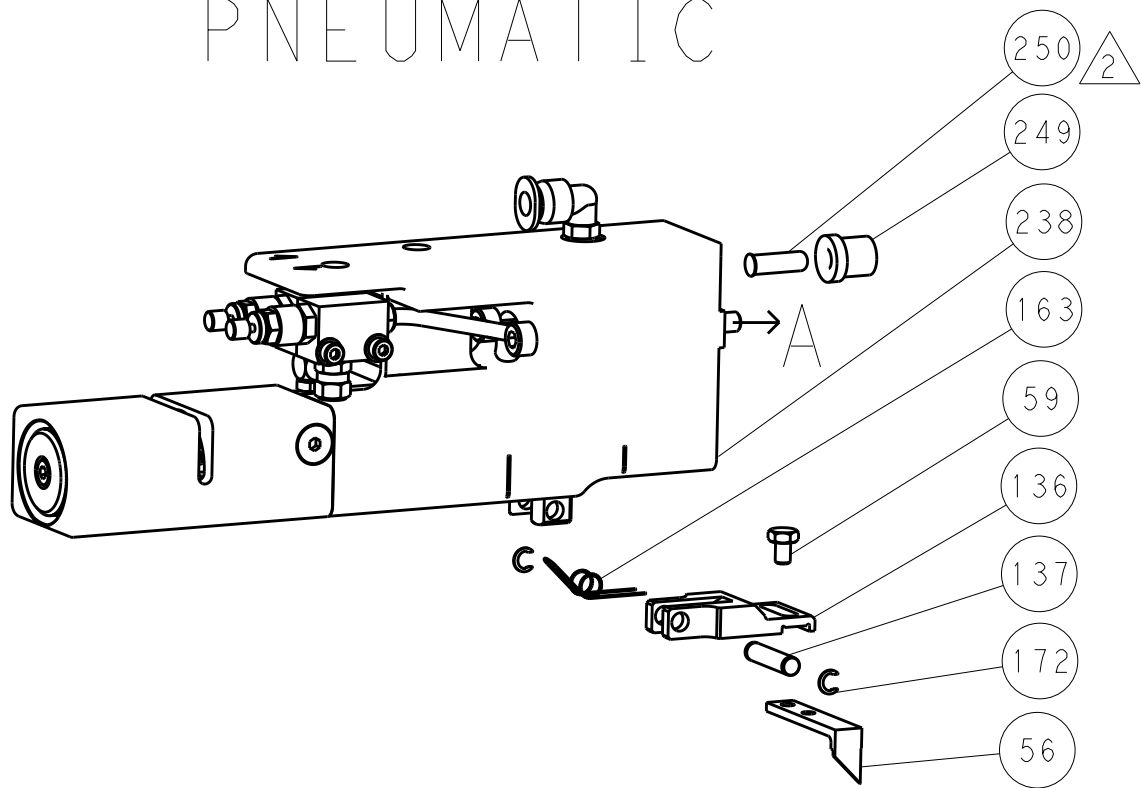
DWA S. HUANG 19JUN2012		 TE Connectivity Harrisburg, PA 17105-3608	
CHN S. XI 19JUN2012		NAME Ocean Side Feed Applicator	
APD S. XI 19JUN2012		SIZE A I	
PRODUCT SPEC APPLICATION SPEC WEIGHT FINISH		CAGE CODE 00779	
TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLG ±.0001 1 PLG ±.05 2 PLG ±.013 3 PLG ±.013 4 PLG ±.0001 ANGLES FINISH		DRAWING NO C-2151562 RESTRICTED TO -	
		SCALE 1:2	
Customer Accessible Production Drawing		SHEET 3 of 4 REV A	

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

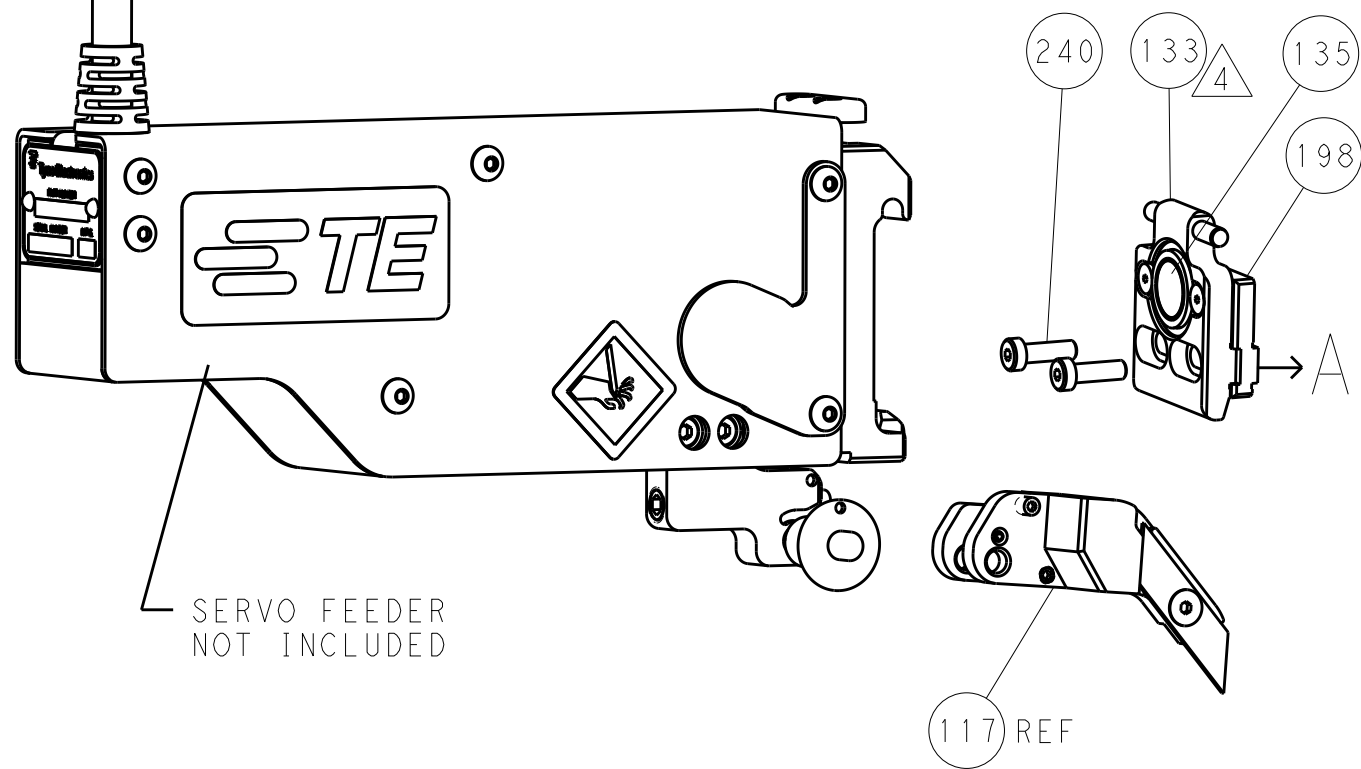
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

FEED TYPE

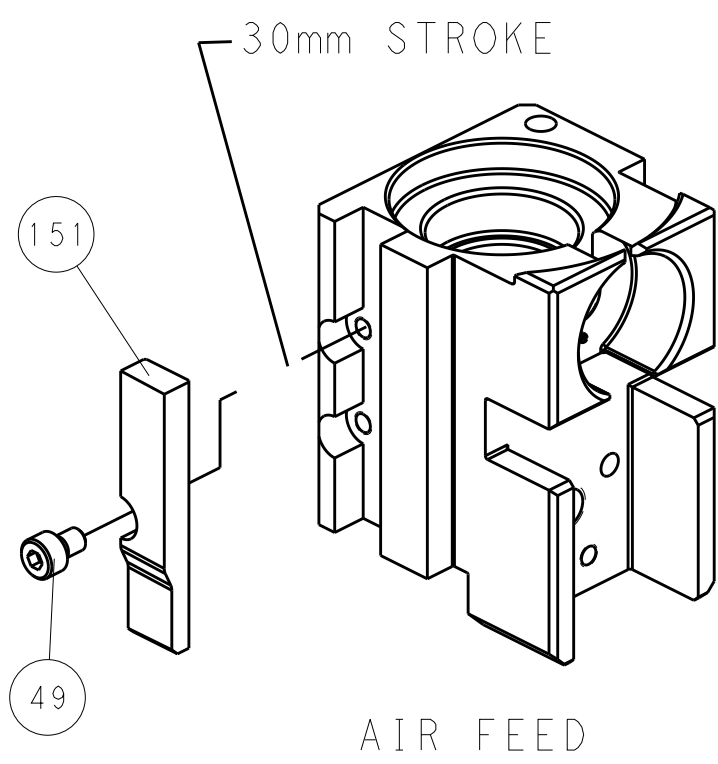
PNEUMATIC



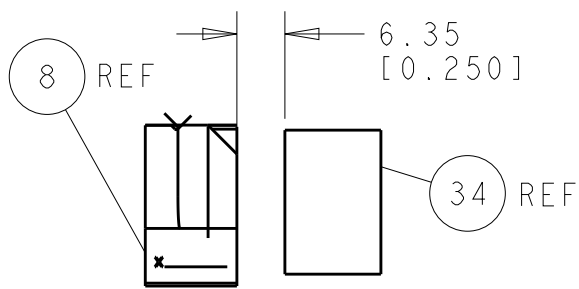
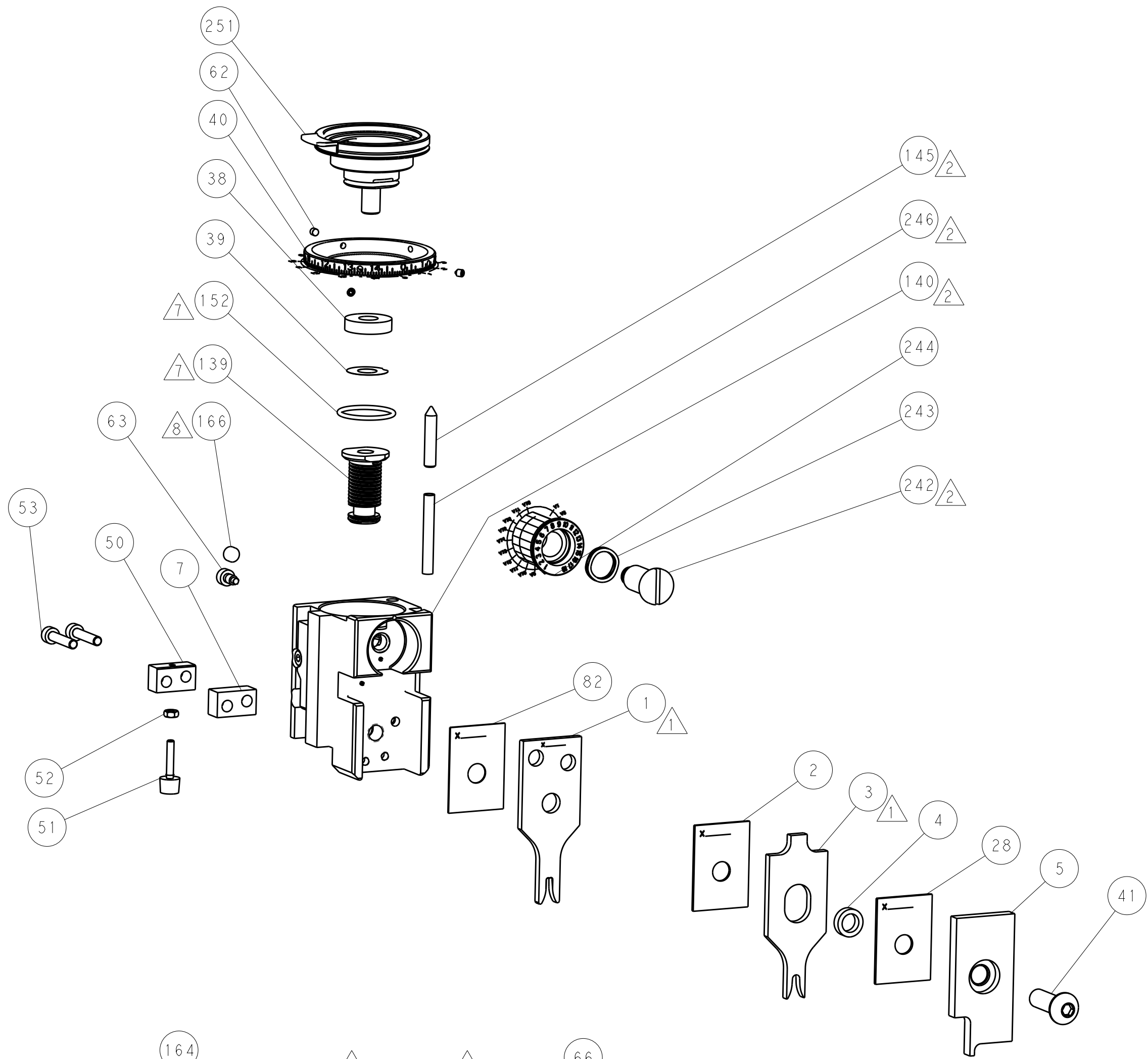
SERVO
LATCH PLATE



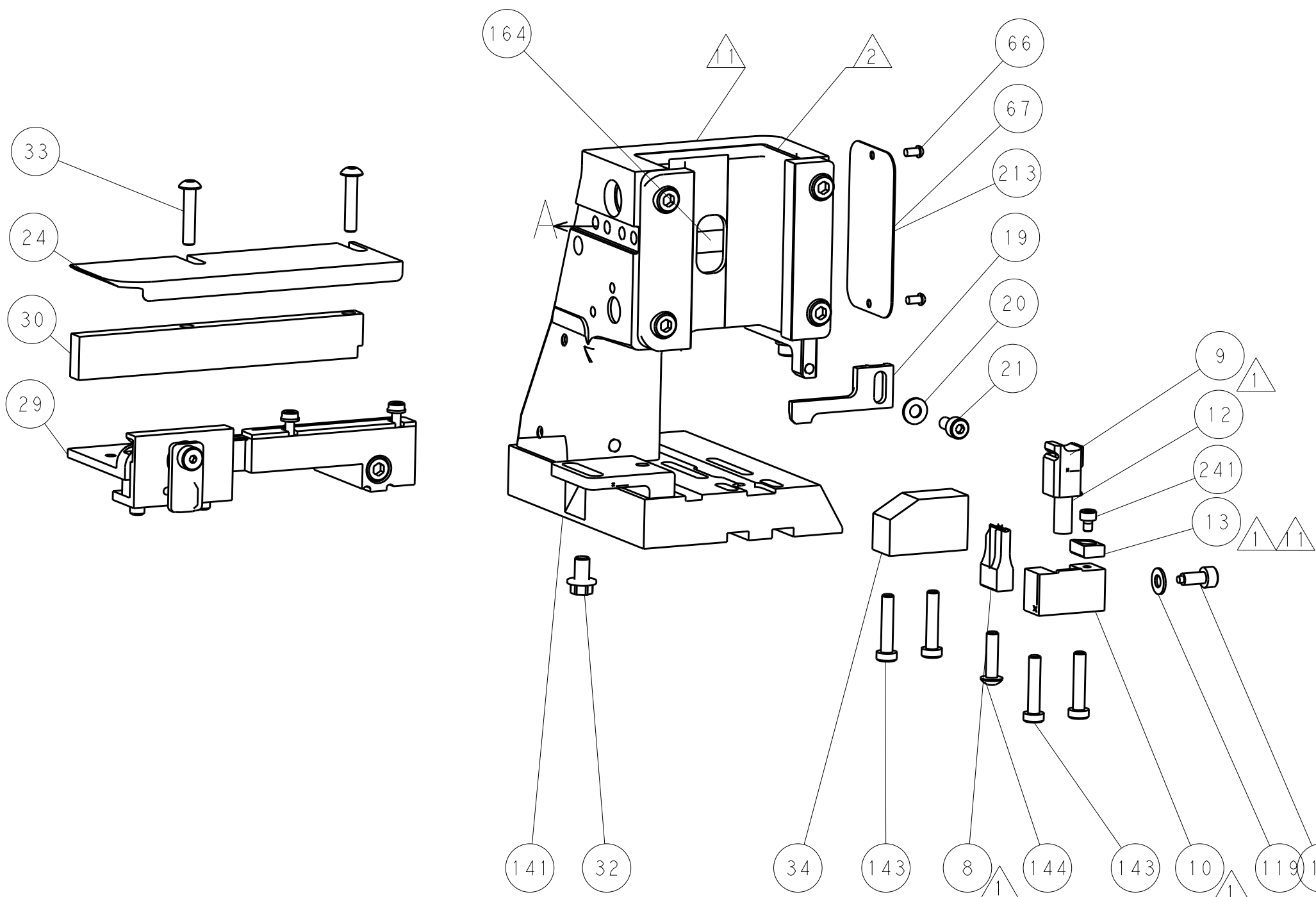
CAM POSITION



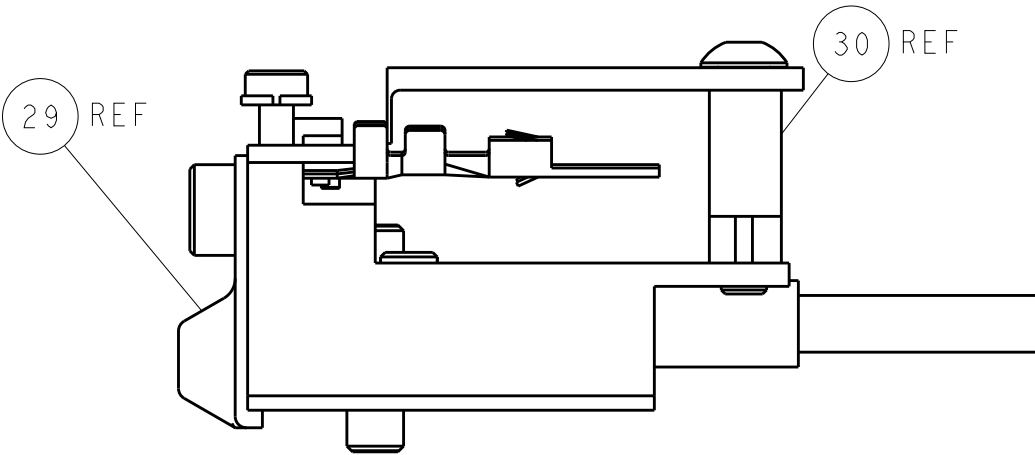
AIR FEED



TERMINAL SUPPORT LOCATION



ITEM 30 LOCATED AT
REAR HOLES



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 UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN K. HUANG 19JUN2012	TE Connectivity Harrisburg, PA 17105-3608		
DIMENSIONS: mm				CHK S. XI 19JUN2012	NAME Ocean Side Feed Applicator		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.1				APVD S. XI 19JUN2012	PRODUCT SPEC APPLICATION SPEC		
MATERIAL				FINISH	WEIGHT	SIZE A1	RESTRICTED TO
-				-	-	CAGE CODE 00779	DRAWING NO C=2151562
Customer Accessible Production Drawing				SCALE 1:2	SHEET 4	OF 4	REV A

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION