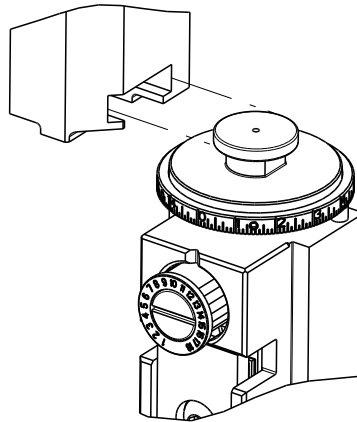


8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151232-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151232-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151232-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151232-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151232-7	B	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	2.29 mm [.090]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 1.6 CIRCULAR CONTACT			
WIRE STRIP LENGTH 3.90-4.70 mm [.154-.185 IN]			INSULATION DIAMETER RANGE Ø1.15-1.40 mm [.045-.055 IN]
TERMINAL APPLICATION SPECIFICATION 		114-20121	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1437709-3	1437709-6	1437709-9	1-1437709-1
1-1437709-4			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.35mm2	1.03+/-0.03 [.041+/- .001]	8.5
0.30mm2	1.00+/-0.03 [.039+/- .001]	8.8
0.22mm2	0.96+/-0.03 [.038+/- .001]	9.1



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180
- 4 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.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

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

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
A	66		A	RELEASED	25SEP2013	KH
			B	ECR-17-001554	02FEB2017	TB
			C	ECR-21-122968	02DEC2021	JWC

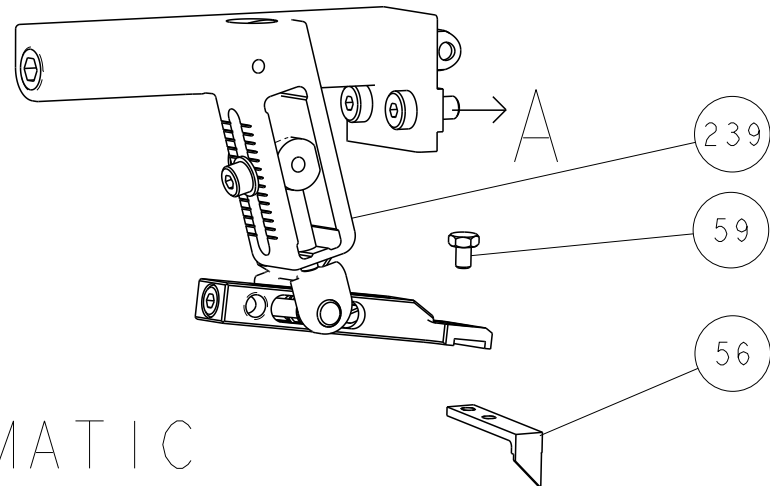
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	1	1	1	1	2-1752354-0	STANDOFF,HOLD-DOWN	180
-	1	1	1	1	9931111-1	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
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1	1	1803607-1	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	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	1	1	1803515-3	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	1-1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	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	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	2	2	1	1	8-1333202-4	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	2	1	1	1633963-6	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	1	1	455888-4	SPACER, CRIMPER	2
1	2	2	1	1	1-456403-5	CRIMPER, WIRE PREMIUM	1
-77-72-71	-2	-1			PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS TO BE CONSIDERED VALID FOR THE ENTIRE LIFE OF THE PRODUCT UNLESS OTHERWISE SPECIFIED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE MANUFACTURING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST EDITION.				DWN R. HUANG CHK L. ZHANG APVD J. GUO	20AUG2013 20AUG2013 20AUG2013	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		Ocean Side Feed Applicator	
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC		SIZE	
MATERIAL		WEIGHT		APPLICATION SPEC		CAGE CODE	
-		-		-		DRAWING NO	
						RESTRICTED TO	
						A1 00779 ©=2151232	
						Customer Accessible Production Drawing	
						SCALE 1:2	
						SHEET 1 OF 4	
						REV C	

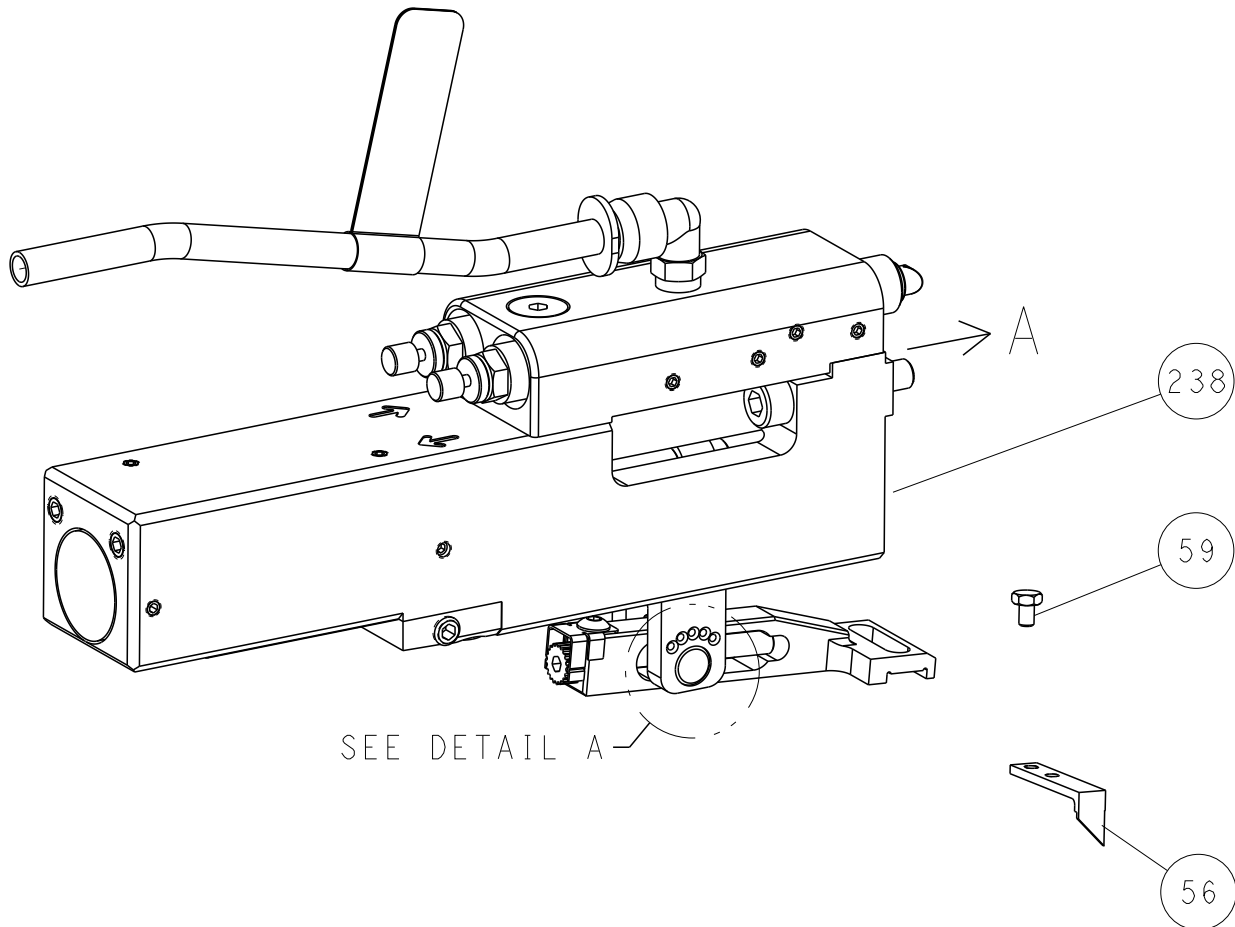
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

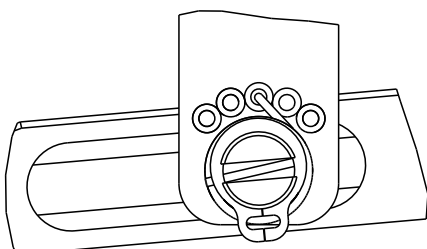
FEED TYPE MECHANICAL



PNEUMATIC

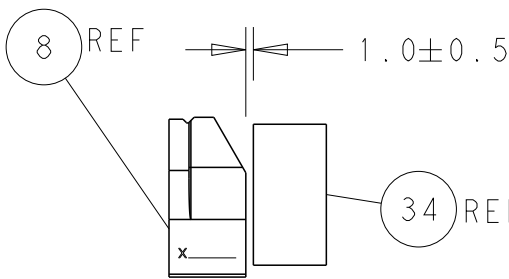
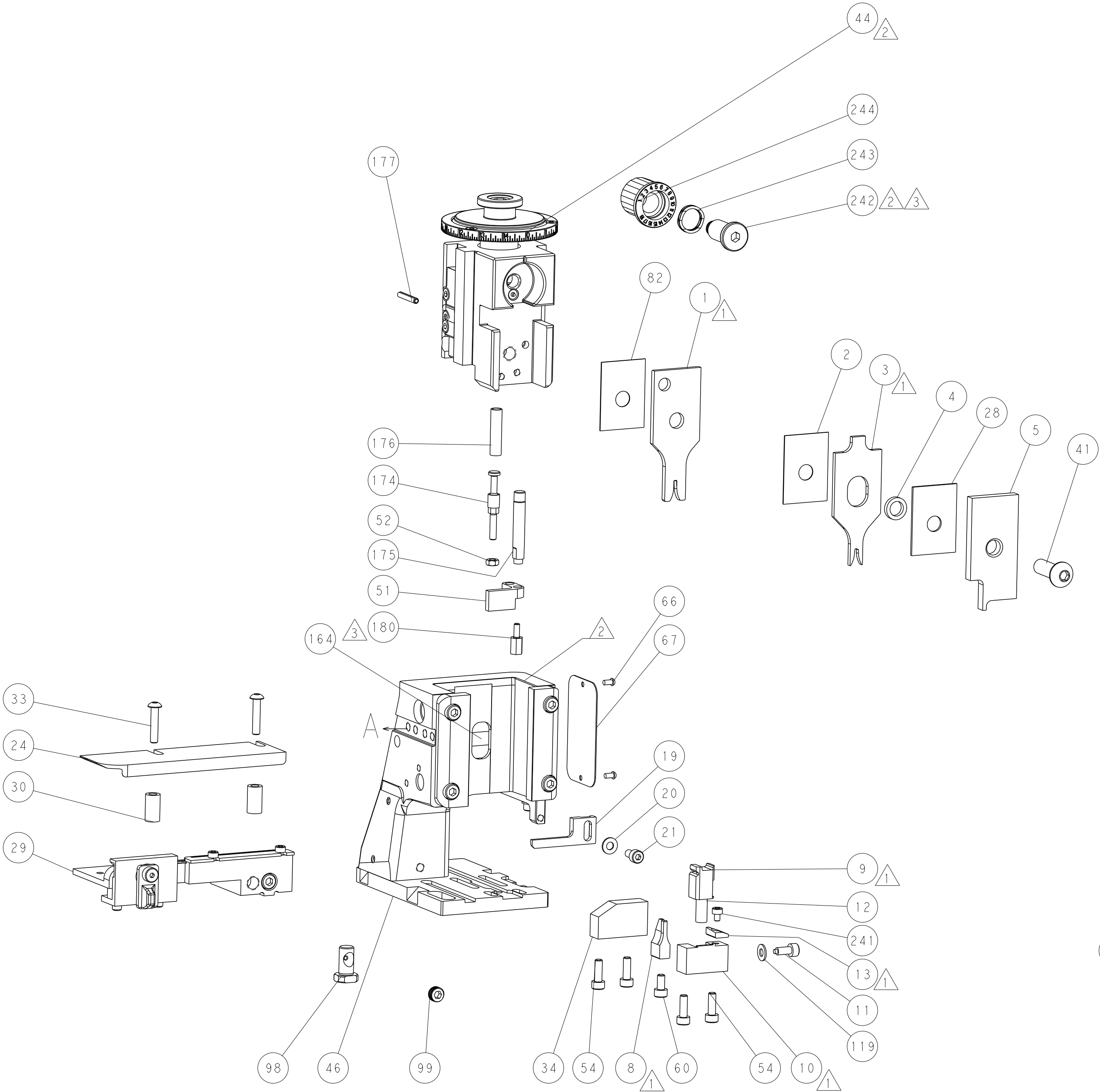
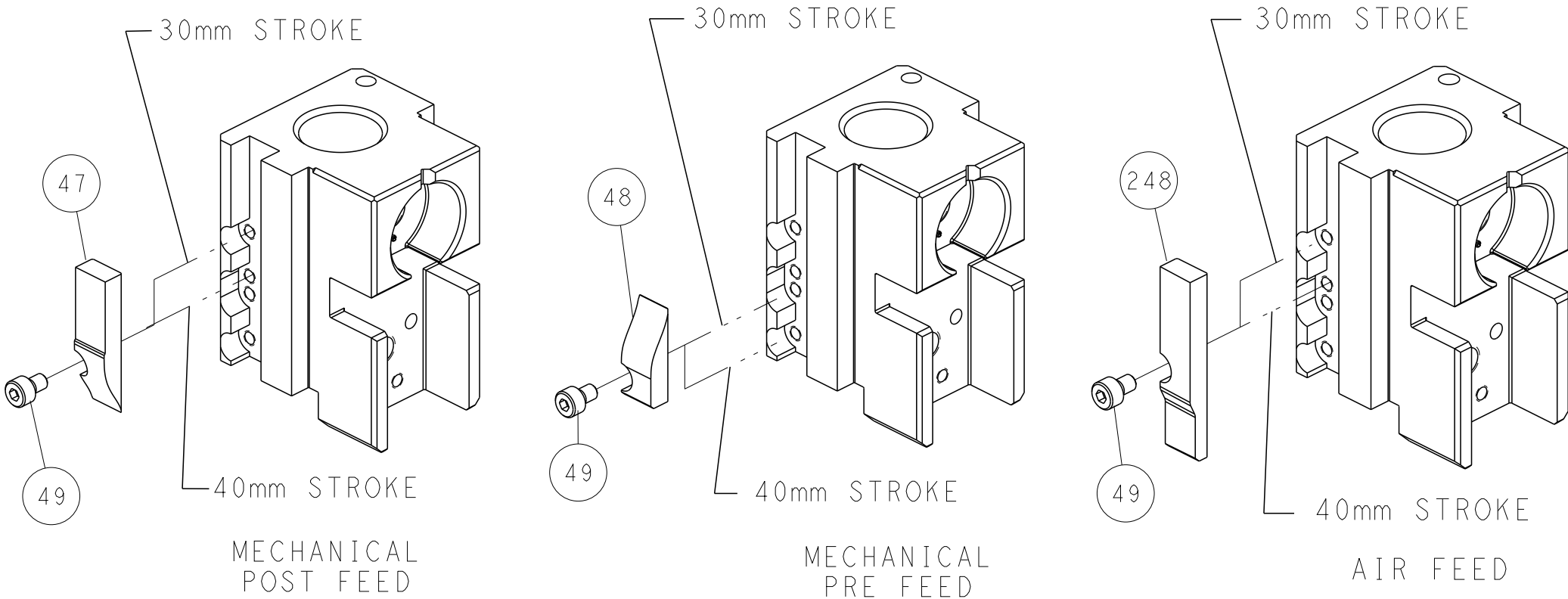


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

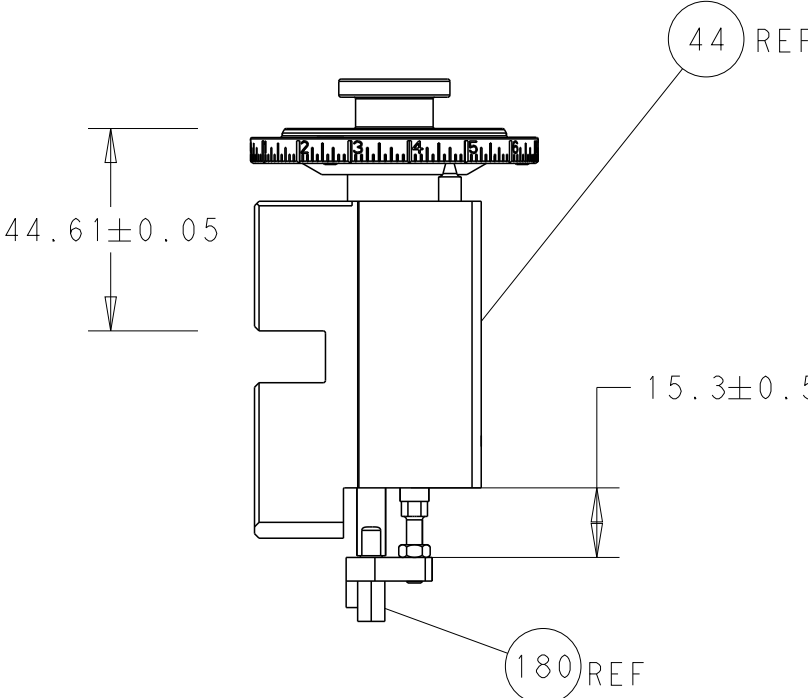


DETAIL A

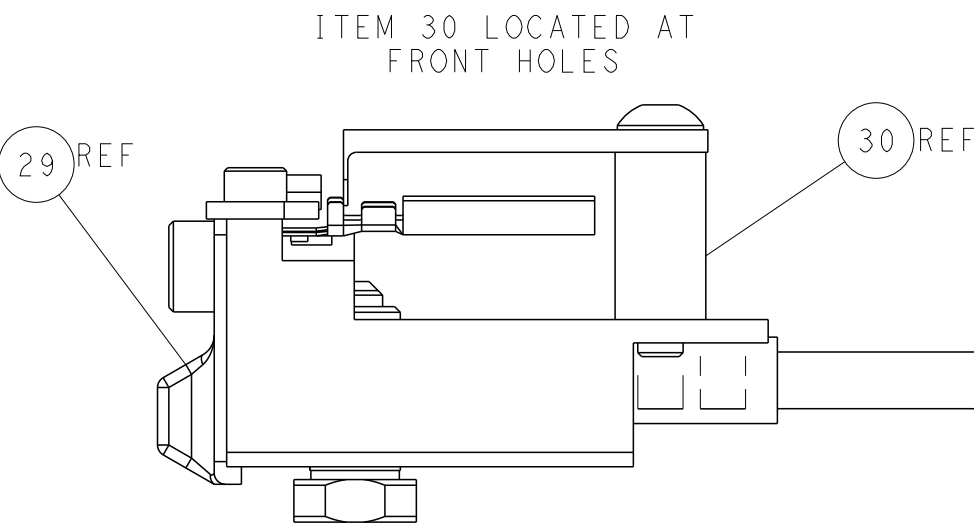
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM AND 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)

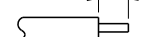
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CHK L. ZHANG 20AUG2013				APVD J. GUO 20AUG2013	NAME Ocean Side Feed Applicator			
DIMENSIONS: mm				PRODUCT SPEC				RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH				APPLICATION SPEC				
MATERIAL				WEIGHT	SIZE A1	CASE CODE 00779	DRAWING NO C=2151232	-
Customer Accessible Production Drawing				SCALE 1:2	SHEET 2 of 4	REV C		

8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151232-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151232-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151232-7	B	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	2.29 mm [.090]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 1.6 CIRCULAR CONTACT			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.90-4.70 mm [.154-.185 IN]			Ø1.15-1.40 mm [.045-.055 IN]
TERMINAL APPLICATION SPECIFICATION		114-20121	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1437709-3	1437709-6	1437709-9	1-1437709-1
1-1437709-4			

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING	
0.35mm2		1.03+/-0.03 [.041+/-0.001]		8.5	
0.30mm2		1.00+/-0.03 [.039+/-0.001]		8.8	
0.22mm2		0.96+/-0.03 [.038+/-0.001]		9.1	



1. RECOMMENDED SPARE PARTS
2. REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
3. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180
4. 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.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

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

2		1						
LOC	DIST	REVISIONS						
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

	-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	2844940-1	AIR FEED MODULE	238
3	-	1	1	2-1752354-0	STANDOFF, HOLD-DOWN	180
	-	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
	-	1	1	8-22280-7	SPRING, COMPRESSION	176
	-	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175
	-	1	1	1901680-2	GUIDE PIN, HOLDDOWN	174
	-	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	-	2119641-2	FEED CAM, AIR FEED	151
	-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
	-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
	-	-	1	2119653-2	FEED CAM, POST FEED	142
	-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
	-	1	1	1-18028-2	WASHER, FLAT, REG M4	119
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	455888-4	SPACER, CRIMPER	82
	-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	2119740-1	TAG, IDENTIFICATION	67
	-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1	1338685-1	PAWL, FEED	56
	-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
	-	1	1	1901681-1	HOLDDOWN, TERMINAL	51
	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	1	2119652-1	FEED CAM, PRE FEED	48
	-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	1	1	1-1752356-3	SUPPORT, TERMINAL	34
	-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1-455888-0	SPACER, CRIMPER	28
	-	1	1	1320928-2	STRIP GUIDE	24
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	1	1	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
1	-	1	1	2119806-1	INSERT, SHEAR	13
	-	1	1	3-22280-3	SPRING, COMPRESSION	12
	-	1	1	1-356885-4	STOP, SHEAR	11
1	-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	1	8-1333202-4	ANVIL, COMBINATION	8
	-	-	-	-	-	7
	-	-	-	-	-	6
	-	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	1	1633963-6	CRIMPER, INSULATION OVERLAP PREMIUM	3
	-	1	1	455888-4	SPACER, CRIMPER	2
1	1	1	1	1-456403-5	CRIMPER, WIRE PREMIUM	1
	-77	-22	21	PART NO	DESCRIPTION	ITEM NO

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		Ocean Side Feed Applicator	
MATERIAL		WEIGHT		SIZE CASE CODE DRAWING NO	
-		-		A1 00779 C=2151232	
Customer Accessible Production Drawing		SCALE		SHEET 3 OF 4	
				REV C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

PNEUMATIC



30mm STROKE

142

49

MECHANICAL POST FEED

30mm STROKE

48

49

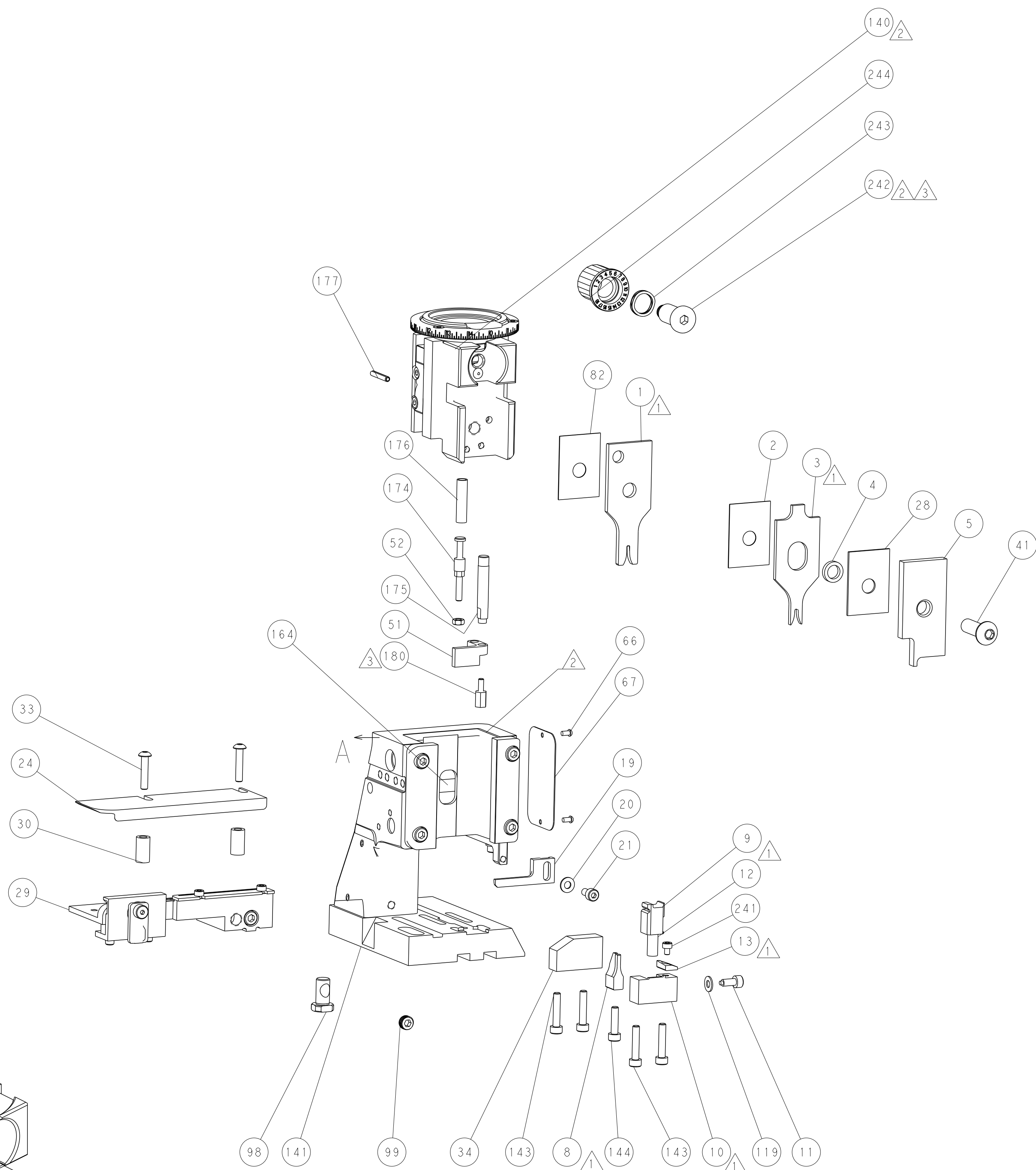
MECHANICAL PRE FEED

30mm STROKE

151

49

AIR FEED



FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

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						CHK L ZHANG	20AUG2013			
						APVD U GUO	20AUG2013			
DIMENSIONS: mm						TOLERANCES UNLESS OTHERWISE SPECIFIED:				
						NAME				
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±						PRODUCT SPEC				
						APPLICATION SPEC				
MATERIAL FINISH						SIZE				
						CODE CASE				
						DRAWING NO				
						RESTRICTED TO				
						WEIGHT				
						A 00779 C=2151232				
Customer Accessible Production Drawing						SCALE 1:2 SHEET 4 OF 4 REV C				

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[TE Connectivity:](#)

[2151232-2](#)