

8		7	
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20			
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2836134-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2836134-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2836134-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2836134-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2836134-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	3.68 mm [.145]	O
APPLICATOR INSTRUCTIONS 408-35042		

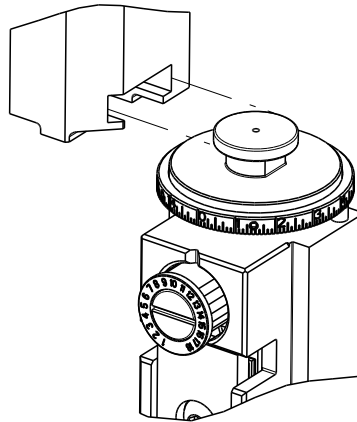
TERMINAL DATA: AMPHENOL TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: C 146 M			
WIRE STRIP LENGTH 3.68-4.44 mm [.145-.175 IN]		INSULATION DIAMETER RANGE Ø2.34-3.12 mm [.092-.123 IN]	
TERMINAL APPLICATION SPECIFICATION	NONE	-	-
TERMINALS APPLIED			
TE TERMINAL	AMPHENOL TERMINAL	TE TERMINAL	AMPHENOL TERMINAL
2113930-1	TN010160005	2113953-1	TN020160005
2113930-2	TN010160016	2113953-2	TN020160016

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.98+/-0.05 [.078+/- .002]	5.7
2mm ² OR 14 AWG	1.83+/-0.05 [.072+/- .002]	7.4
1.50mm2	1.66+/-0.05 [.065+/- .002]	9.0
16 AWG	1.60+/-0.05 [.063+/- .002]	9.8



- 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.
- 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 TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 7 MAY NEED TO ADJUST ITEM 29 WHEN SWITCHING TERMINALS.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



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					
A		66		P	LTR	DESCRIPTION	DATE	DWN	APVD
					I	ORIGINAL	10FEB2016	MEH	TE
					A	RELEASED	11MAR2016	MEH	TE
					B	ECR-21-002248	23FEB2021	TB	RK

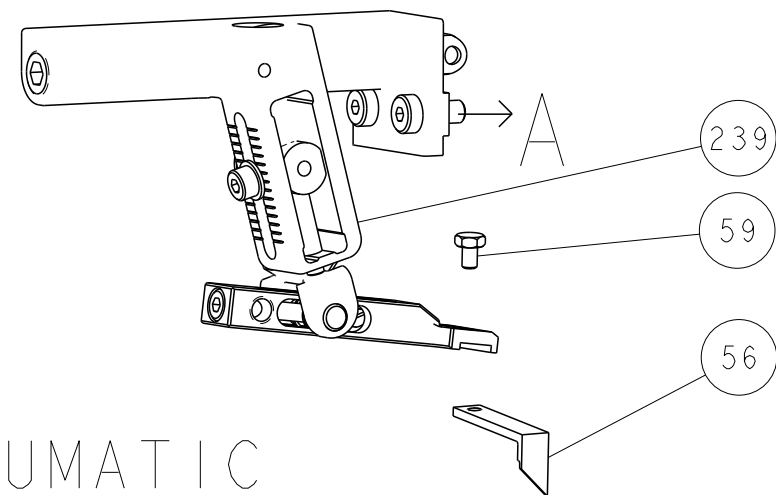
	-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	269
	-	1	1	1	1	1633782-3	FENCE	267
	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	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
5	-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	1	1	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	1	1	2844907-1	POST, LOCKING	98
	-	1	1	1	1	455888-5	SPACER, CRIMPER	82
	-	1	1	1	1	1803607-3	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	1338683-8	FEED PAWL	56
	-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
	-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	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	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	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
	-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	1	1	1	1	2-1752356-0	SUPPORT, TERMINAL	34
	-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2	2	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30
1	-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1	1	455888-3	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
	-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	1	1	2119533-3	STRIPPER, SIDE FEED	19
1	-	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	1803095-6	FLOATING SHEAR, FRONT	9
	1	2	2	1	1	3-1633922-7	ANVIL, COMBINATION	8
	-	-	-	-	-	-	-	7
	-	-	-	-	-	-	-	6
	-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1	1	4-238011-5	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	1	9-1803018-8	CRIMPER, INSULATION O	3
	-	1	1	1	1	455888-4	SPACER, CRIMPER	2
1	1	2	2	1	1	1-456407-3	CRIMPER, WIRE PREMIUM	1
	-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE ISSUING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST EDITION.				DWN M. HERR	10FEB2016	STE TE Connectivity Harrisburg, PA 17105-3608	
CHK M. HERR				APVD M. HERR	10FEB2016	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		PRODUCT SPEC	
MATERIAL -				APPLICATION SPEC		SIZE A	
				WEIGHT -		CAGE CODE 00779	
				CUSTOMER DRAWING		DRAWING NO C=2836134	
						RESTRICTED TO -	
						SCALE 1:2	
						SHEET 1	
						OF 4	
						REV B	

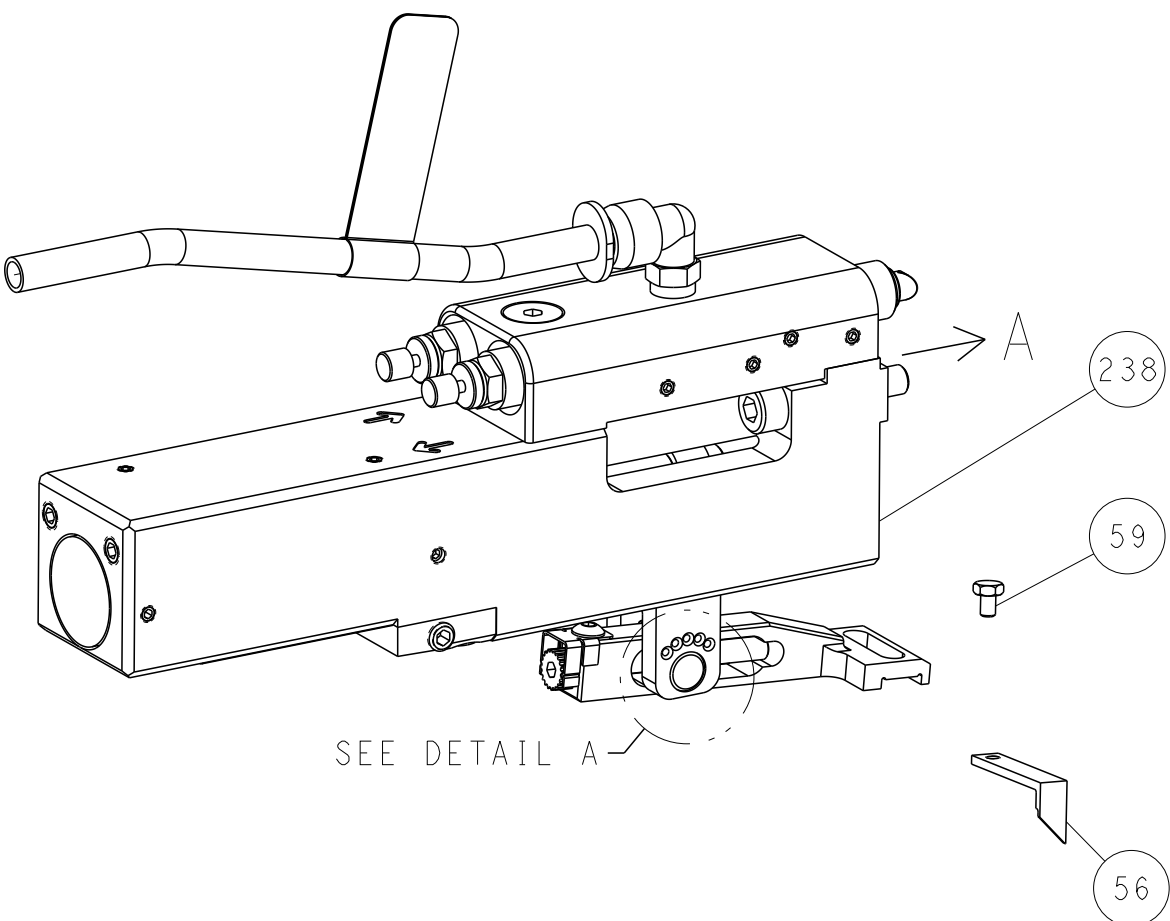
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

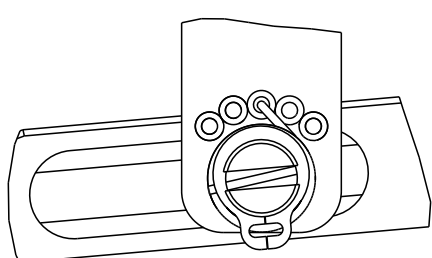
FEED TYPE MECHANICAL



PNEUMATIC

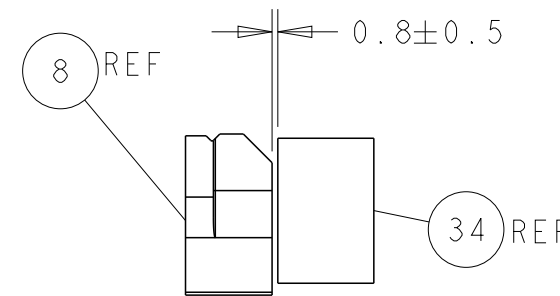
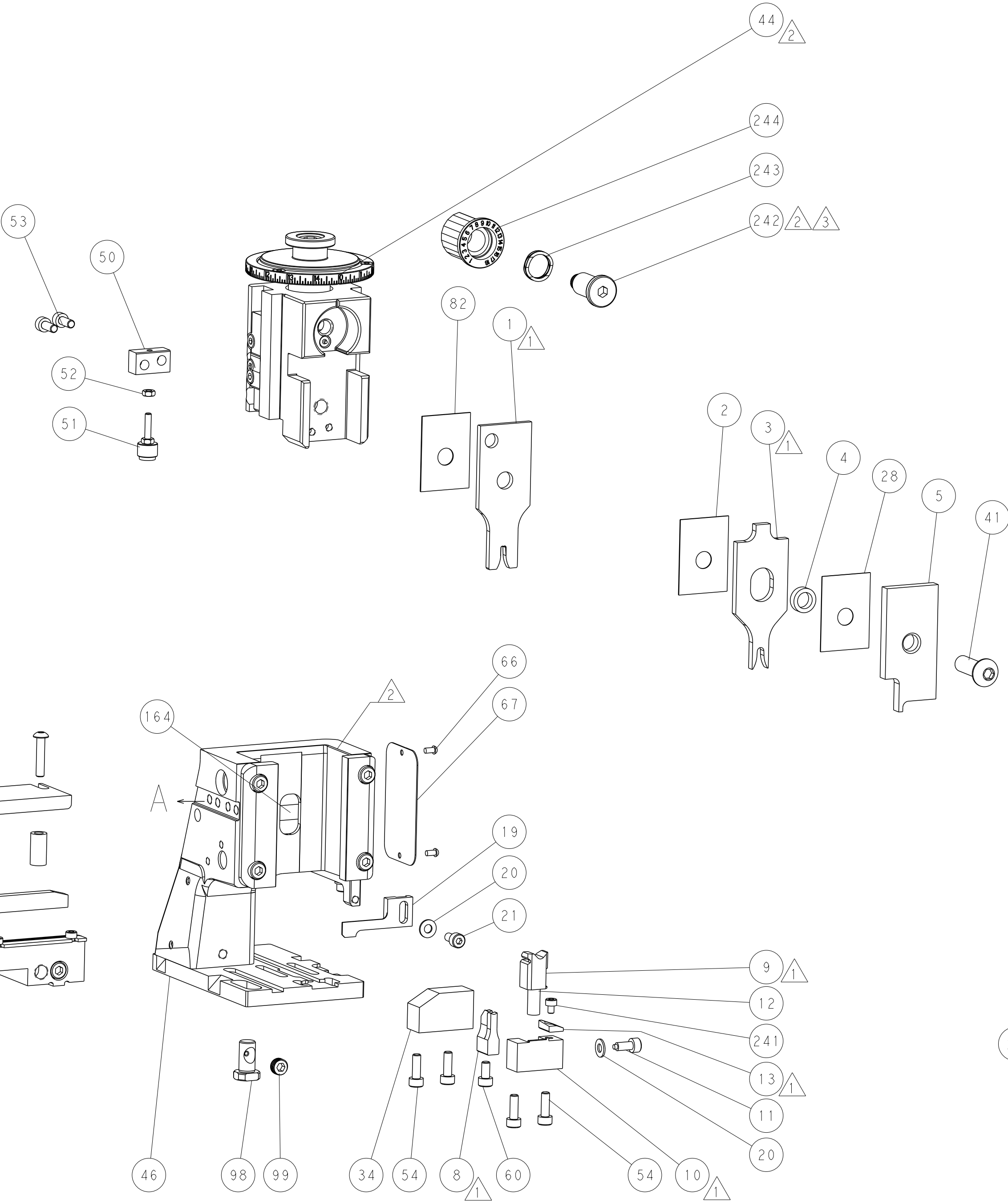
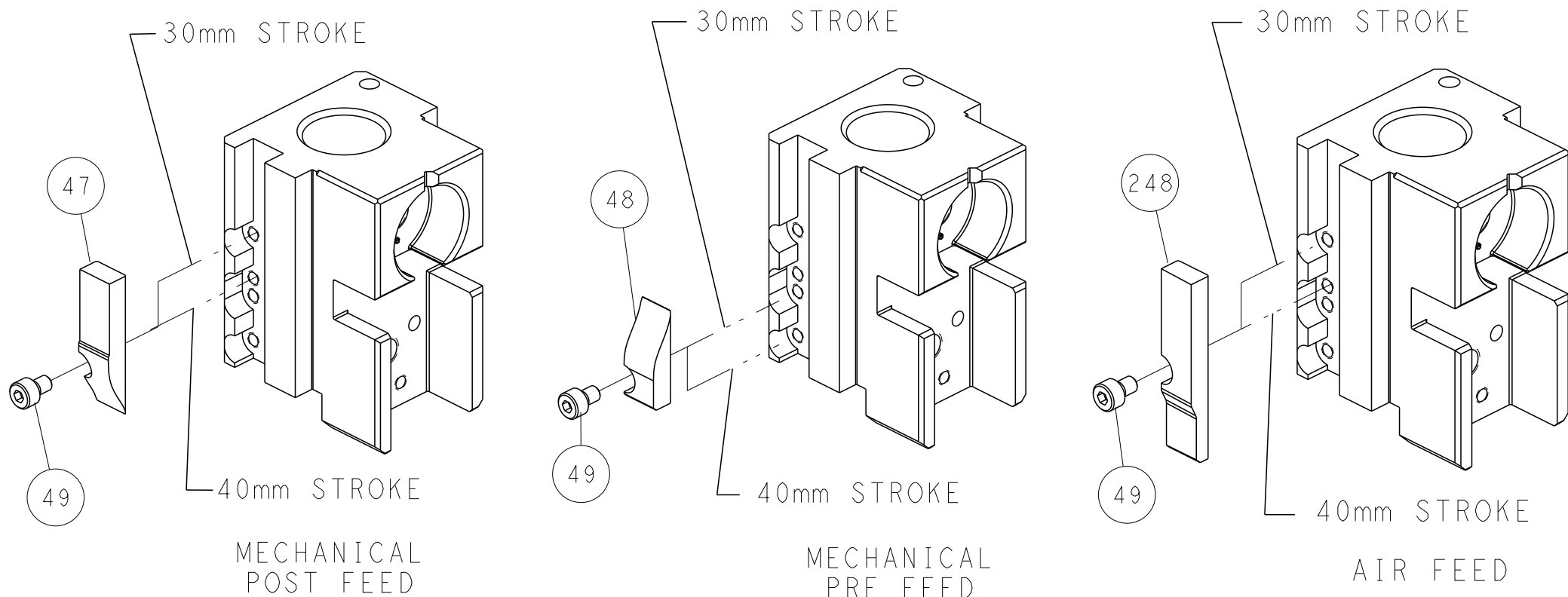


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

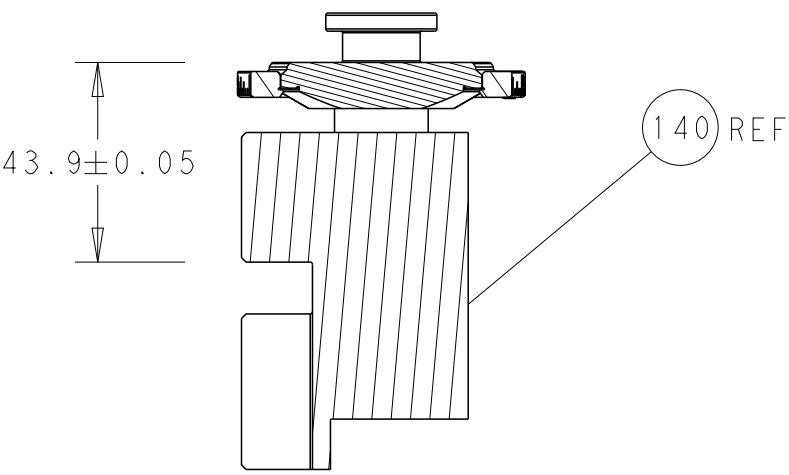


DETAIL A

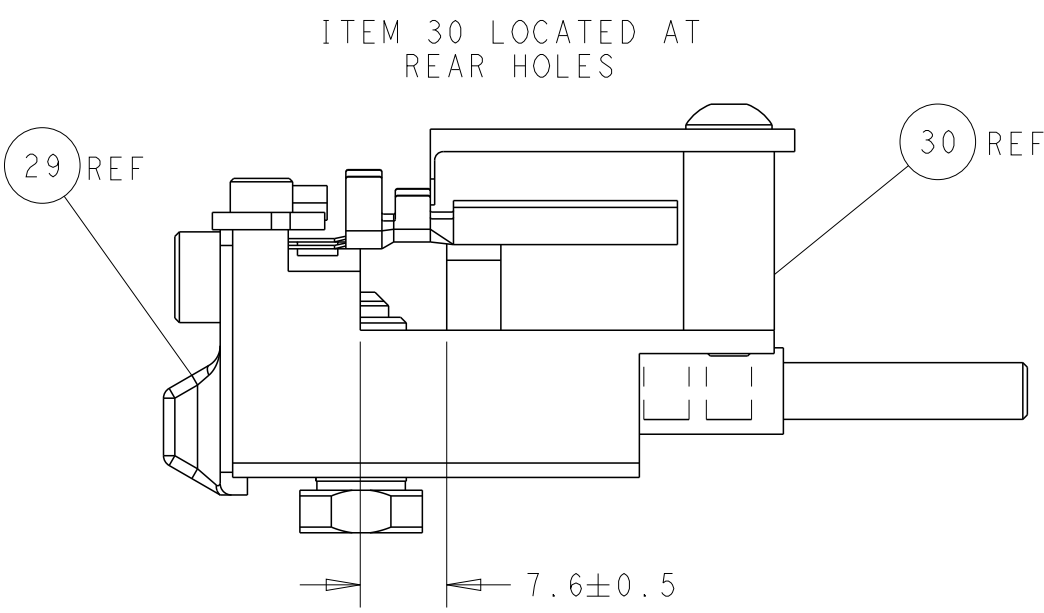
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION
GUIDE BY WIRE 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. IT IS THE RESPONSIBILITY OF THE USER TO CONTACT THE SUPPLIER FOR THE LATEST REVISION.				TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		RESTRICTED TO	
mm		0 PLC ±.1		OCEAN SIDE FEED		-	
		1 PLC ±.1		APPLICATOR			
		2 PLC ±.1		SIZE		A1	
		3 PLC ±.1		CAGE CODE		00779	
		4 PLC ±.1		DRAWING NO		C=2836134	
		ANGLES FINISH		WEIGHT		-	
MATERIAL		-		CUSTOMER DRAWING		SCALE 1:2	
						SHEET 2 OF 4	
						REV B	

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2836134-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2836134-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2836134-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	3.68 mm [.145]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: AMPHENOL TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: C 146 M			
WIRE STRIP LENGTH 3.68-4.44 mm [.145-.175 IN]		 INSULATION DIAMETER RANGE Ø2.34-3.12 mm [.092-.123 IN]	
TERMINAL APPLICATION SPECIFICATION 		NONE - -	
TERMINALS APPLIED  			
TE TERMINAL	AMPHENOL TERMINAL	TE TERMINAL	AMPHENOL TERMINAL
2113930-1	TN010160005	2113953-1	TN020160005
2113930-2	TN010160016	2113953-2	TN020160016

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.98+/-0.05 [.078+/- .002]	5.7
2mm² OR 14 AWG	1.83+/-0.05 [.072+/- .002]	7.4
1.50mm2	1.66+/-0.05 [.065+/- .002]	9.0
16 AWG	1.60+/-0.05 [.063+/- .002]	9.8



- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 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.
- TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- MAY NEED TO ADJUST ITEM 29 WHEN SWITCHING TERMINALS.

*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)

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

3	-	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	269
	-	1	1	1633782-3	FENCE	267
	-	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
	-	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
	-	REF	REF	994970-2	COUNTER, MAGNETIC	164
5	-	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	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	455888-5	SPACER, CRIMPER	82
	-	1	1	1803607-3	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	1338683-8	FEED PAWL	56
	-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
	-	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
	-	1	1	811242-5	BUMPER, HOLD DOWN	51
	-	1	1	690753-2	SPACER, TONKER	50
	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	7	-	-	1	2119652-1	FEED CAM, PRE FEED
-		1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-		1	1	2-1752356-0	SUPPORT, TERMINAL	34
-		2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-		2	2	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30
-		1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-		1	1	455888-3	SPACER, CRIMPER	28
-		1	1	1320928-2	STRIP GUIDE	24
-		1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-		2	2	1-18028-2	WASHER, FLAT, REG M4	20
-		1	1	2119533-3	STRIPPER, SIDE FEED	19
-		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	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1803095-6	FLOATING SHEAR, FRONT	9
	1	1	1	3-1633922-7	ANVIL, COMBINATION	8
	-	-	-	-	-	7
1	-	-	-	-	-	6
	-	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	4-238011-5	BLOCK, CRIMPER SPACER	4
	1	1	1	9-1803018-8	CRIMPER, INSULATION O	3
	-	1	1	455888-4	SPACER, CRIMPER	2
1	1	1	1-456407-3	CRIMPER, WIRE PREMIUM	1	

-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
			TE Connectivity Harrisburg, PA 17105-3608		
			Ocean Side Feed Applicator		
			SIZE CAGE CODE DRAWING NO RESTRICTED TO		
			A1 00779 C=2836134		
			CUSTOMER DRAWING SCALE 1:2 SHEET 3 OF 4 REV B		

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

D

C

B

A

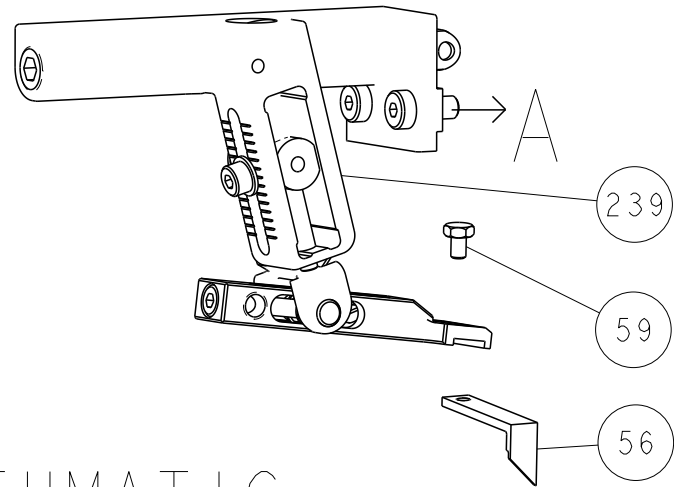
D

C

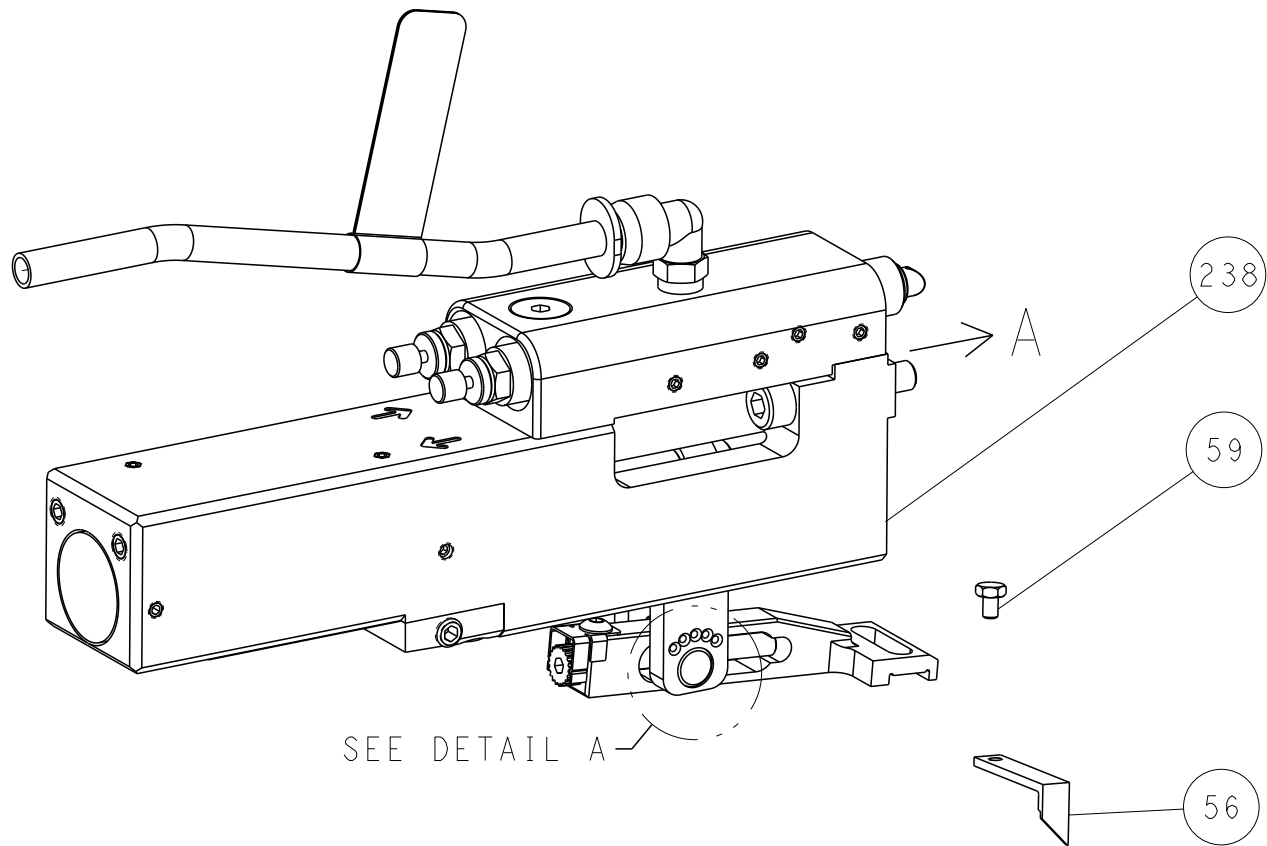
B

A

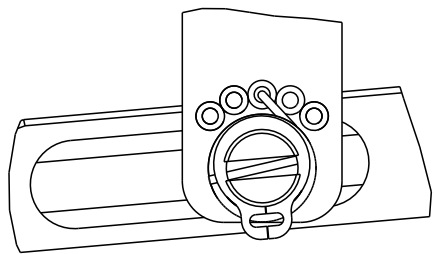
FEED TYPE MECHANICAL



PNEUMATIC

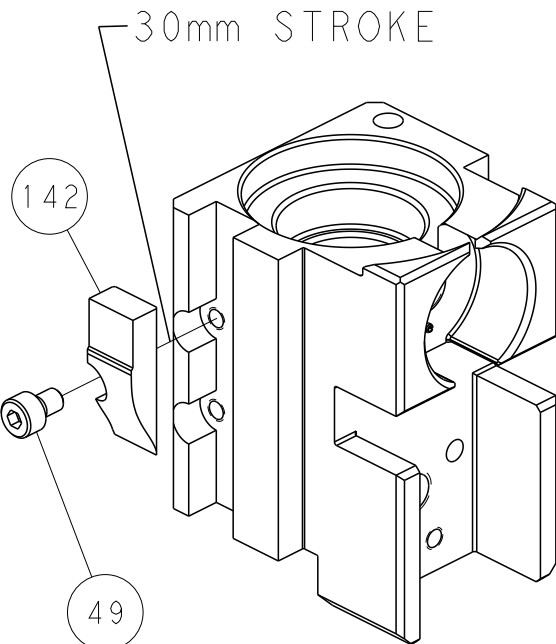


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

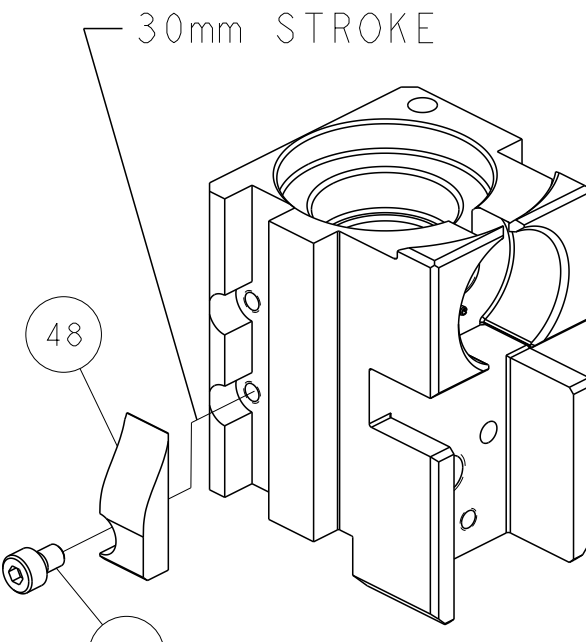


DETAIL A

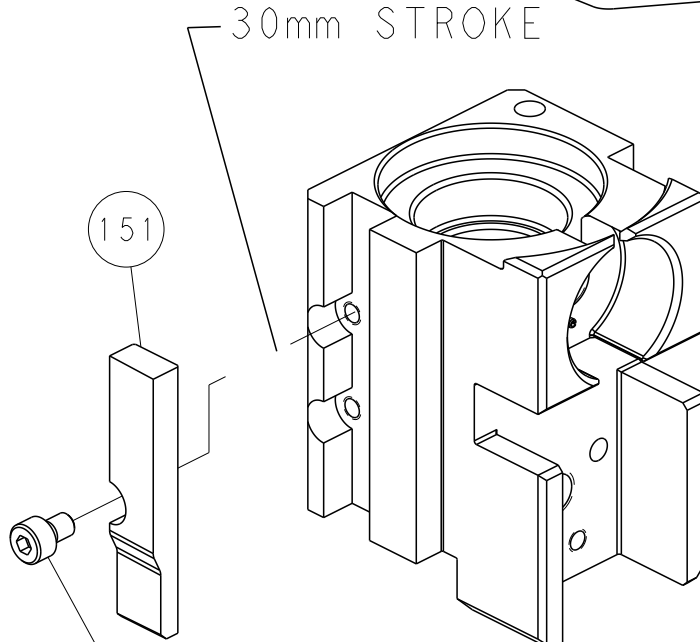
CAM POSITIONS



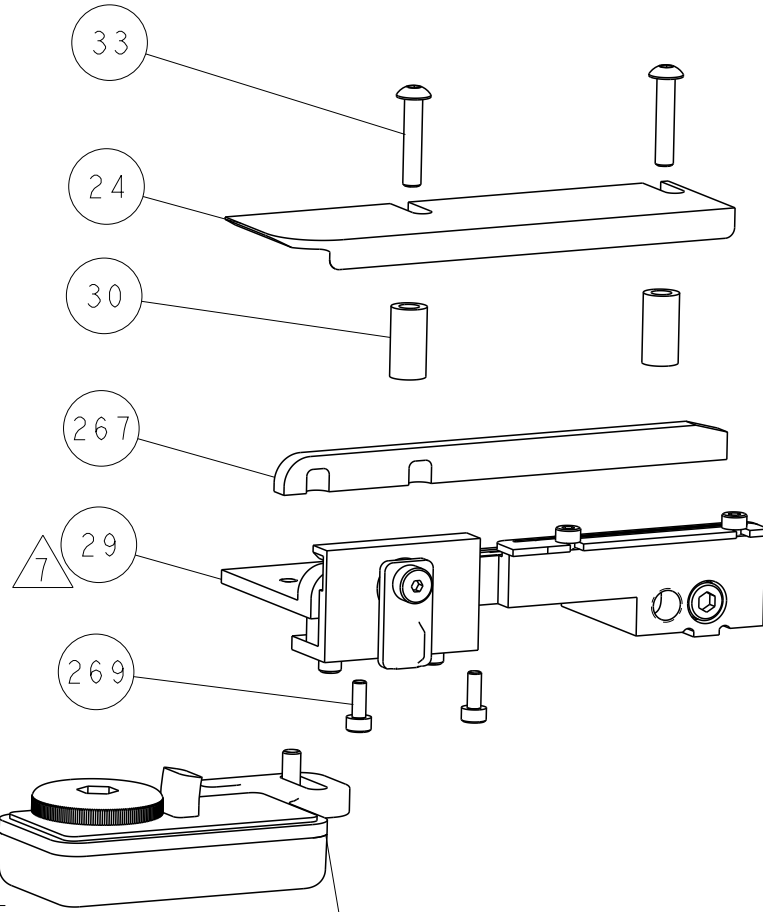
MECHANICAL
POST FEED



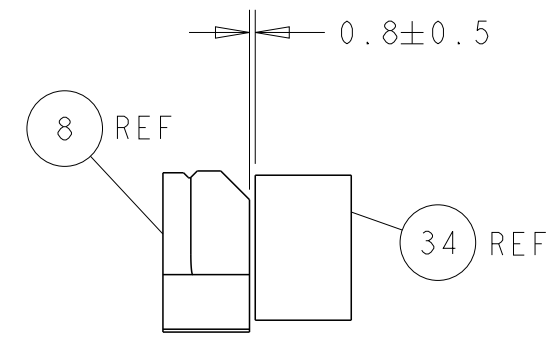
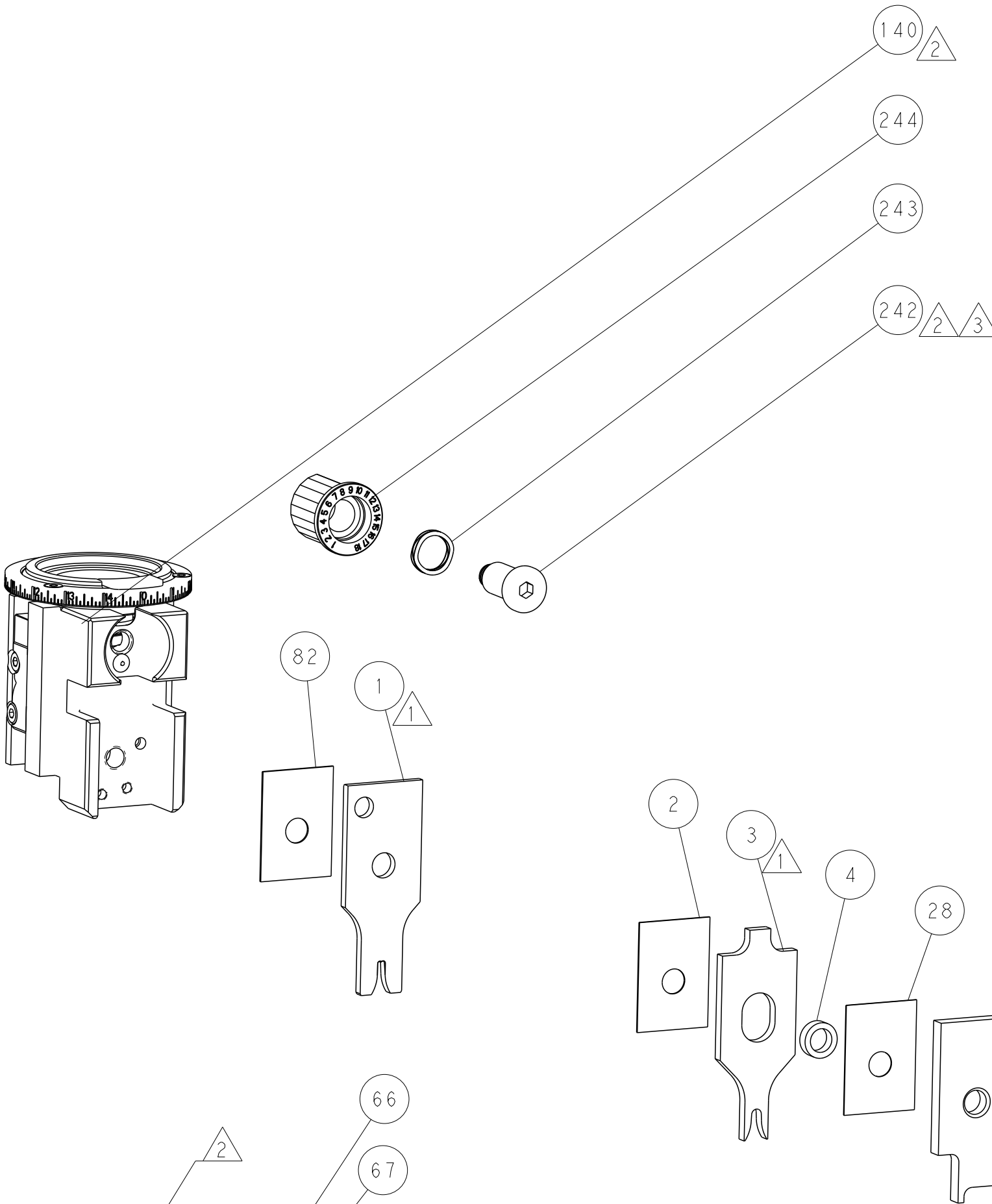
MECHANICAL
PRE FEED



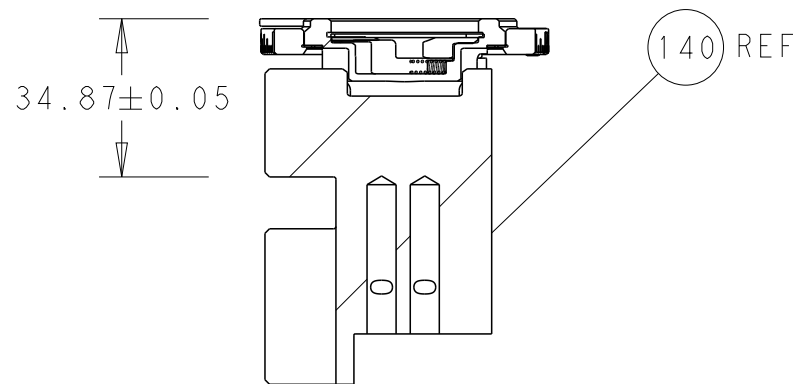
AIR FEED



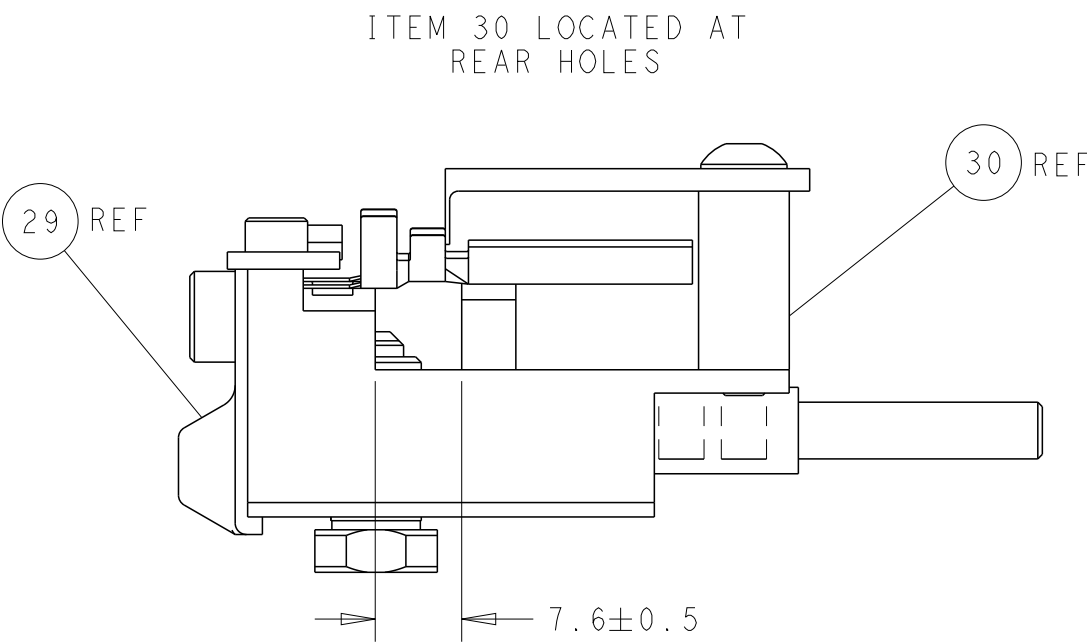
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION
GUIDE BY WIRE BARREL

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		RESTRICTED TO	
mm		0 PLC ±.1		SIZE		CAGE CODE	
		1 PLC ±.1		DRAWING NO		REV	
		2 PLC ±.1		APVD		SCALE	
		3 PLC ±.1		PRODUCT SPEC		SHEET	
		4 PLC ±.1		APPLICATION SPEC		OF	
		ANGLES ±.1		WEIGHT		4	
		FINISH		CUSTOMER DRAWING		REV	
MATERIAL		-		00779		B	
				C=2836134			

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2836134-1](#)