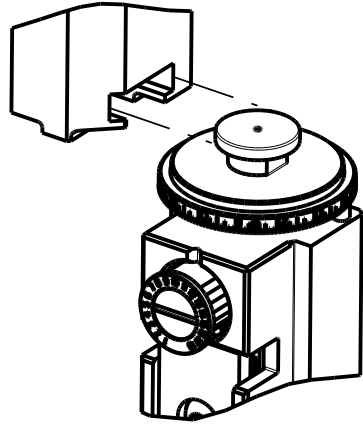
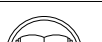


8		7	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151509-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151509-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151509-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151509-2	E	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151509-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	3.94 mm [.155]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MCON 2.8-RECEPTACLE			
WIRE STRIP LENGTH 4.30-4.90 mm [.169-.193 IN]			INSULATION DIAMETER RANGE Ø2.20-3.00 mm [.087-.118 IN]
TERMINAL APPLICATION SPECIFICATION 		114-18718	-
		-	-
TERMINALS APPLIED			
TE TERMINAL 1719840-1	TE TERMINAL 1719840-3	TE TERMINAL	TE TERMINAL

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.77+/-0.05 [.070+/- .002]	5.3
1.50mm2	1.48+/-0.05 [.058+/- .002]	8.4



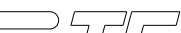
- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
5. 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)

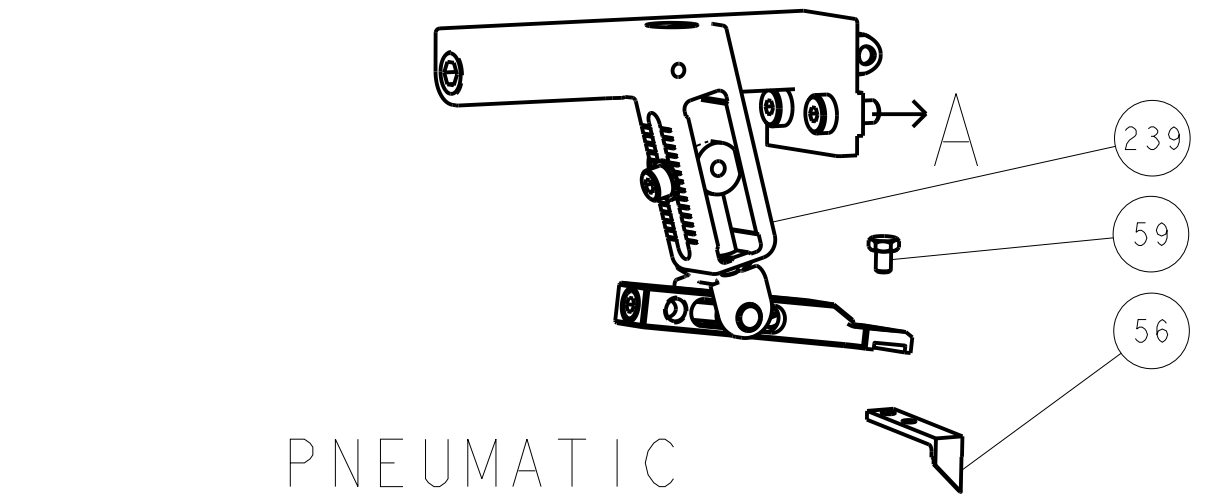
LOC		DIST		REVISIONS						
A		66		P	LTR	DESCRIPTION	DATE	DWN	APVD	
				B		ECR-17-005435	17APR2017	TB	TE	
				C		ECR-18-008541	05JUN2018	MEH	TE	
				D		ECR-19-002911	22FEB2019	MZ	YY	
				E		ECR-20-013523	23SEP2020	FZ	TE	

-	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
-	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
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	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	1803607-3	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	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	2	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	1	1	1	1	1803382-1	HOLD DOWN, SPRING LOADED	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	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	3-2844962-0	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
-	2	2	2	2	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	1803095-6	FLOATING SHEAR, FRONT	9
1	2	2	1	1	1633134-4	ANVIL, COMBINATION .110	8
-	1	1	1	1	4-240641-5	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119757-9	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	2-2119785-9	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2
1	2	2	1	1	1-456408-7	CRIMPER, WIRE PREMIUM	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

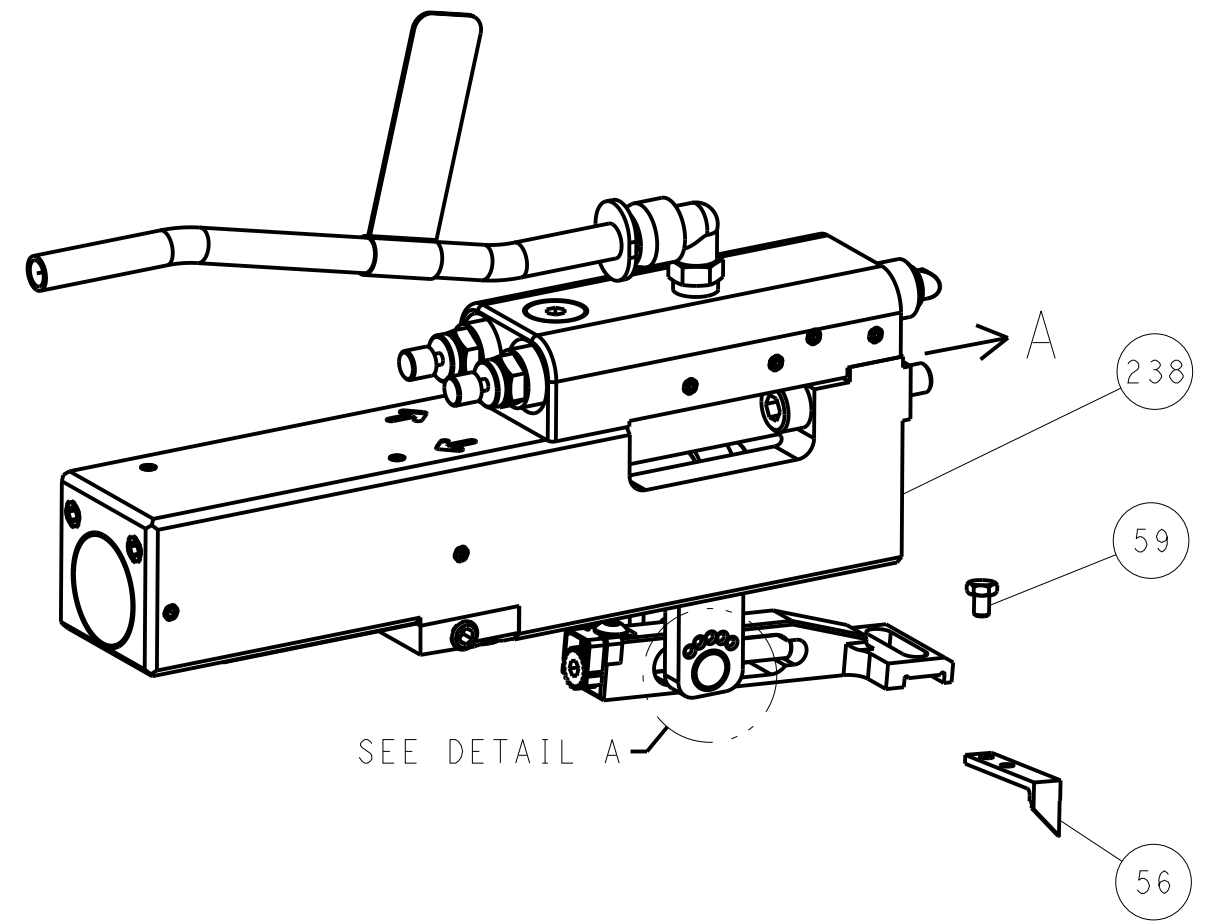
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN Y. YIN 26FEB2013	 TE Connectivity Harrisburg, PA 17105-3608				
DIMENSIONS: mm				CHK G. BAILEY 26FEB2013	NAME Ocean Side Feed Applicator				
				APVD J. GUO 26FEB2013	PRODUCT SPEC -				
				APPLICATION SPEC -					
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±				SIZE A1		CAGE CODE 00779	DRAWING NO C=2151509	RESTRICTED TO -	
MATERIAL -				WEIGHT -		REV E			
Customer Accessible Production Drawing						SCALE 1:2	SHEET 1	OF 4	REV E

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

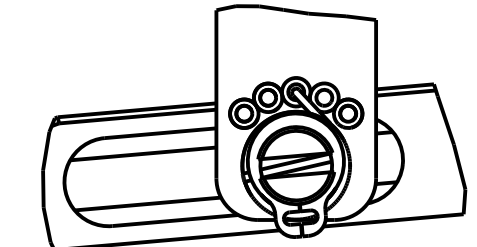
FEED TYPE MECHANICAL



PNEUMATIC

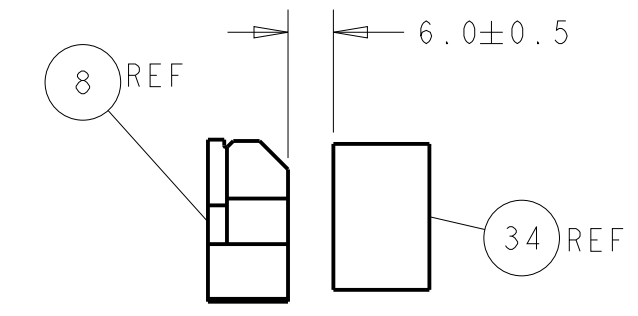
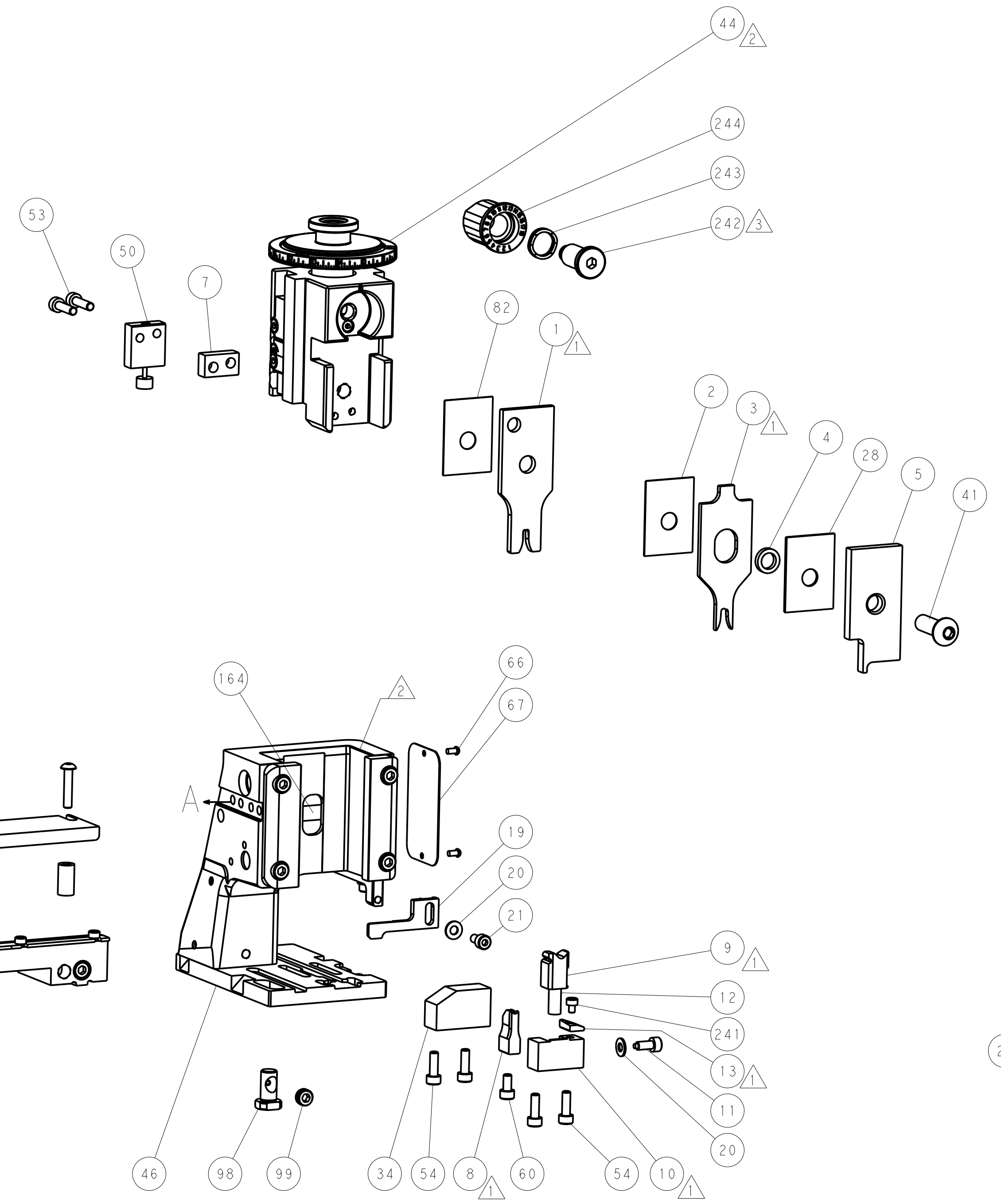
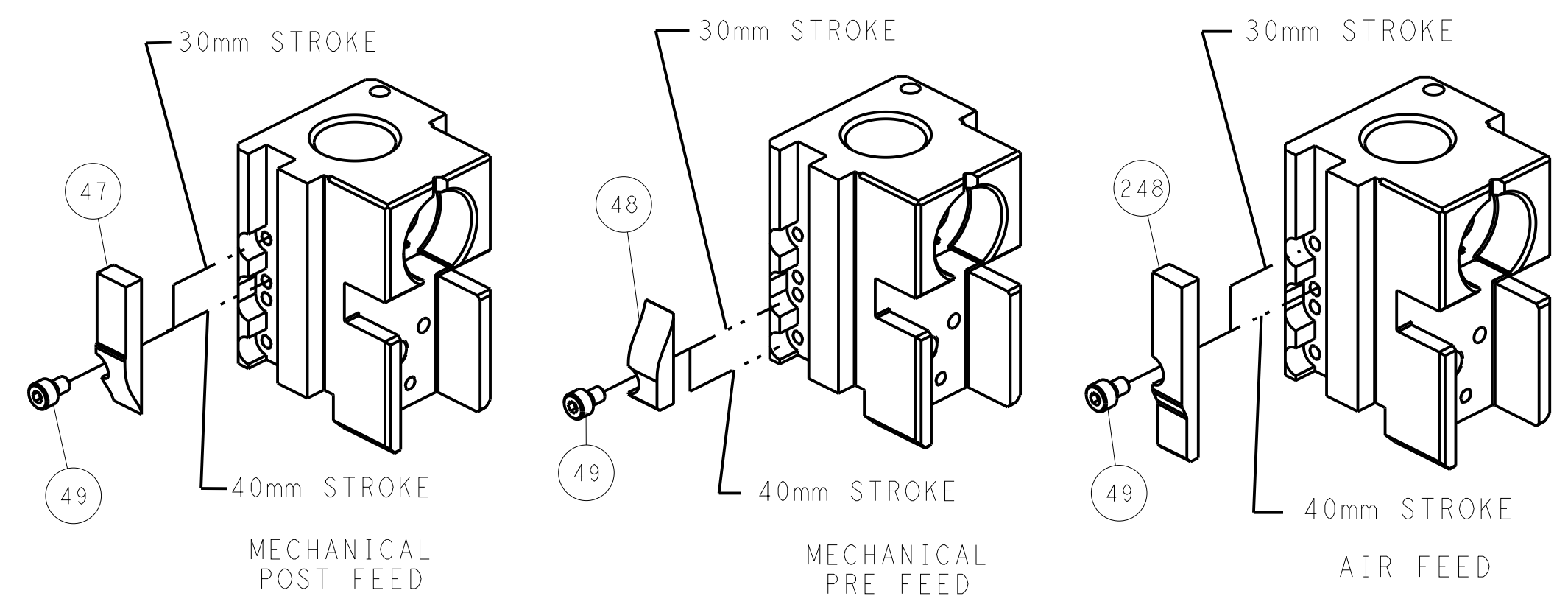


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

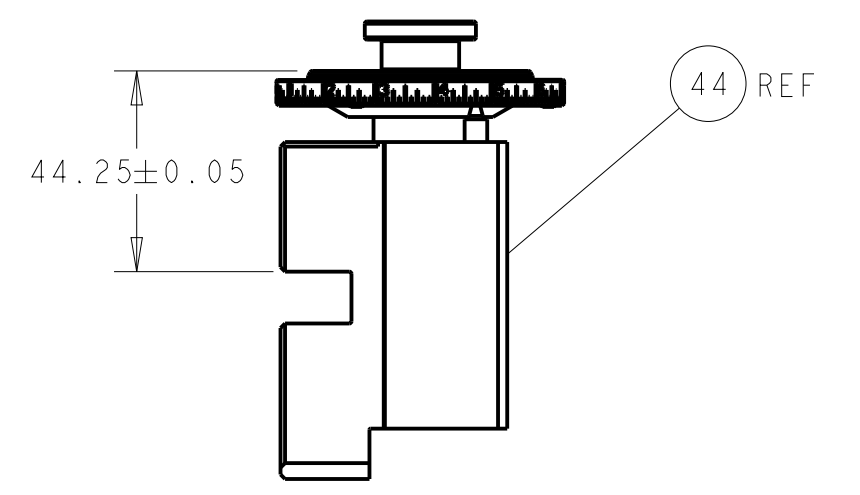


DETAIL A

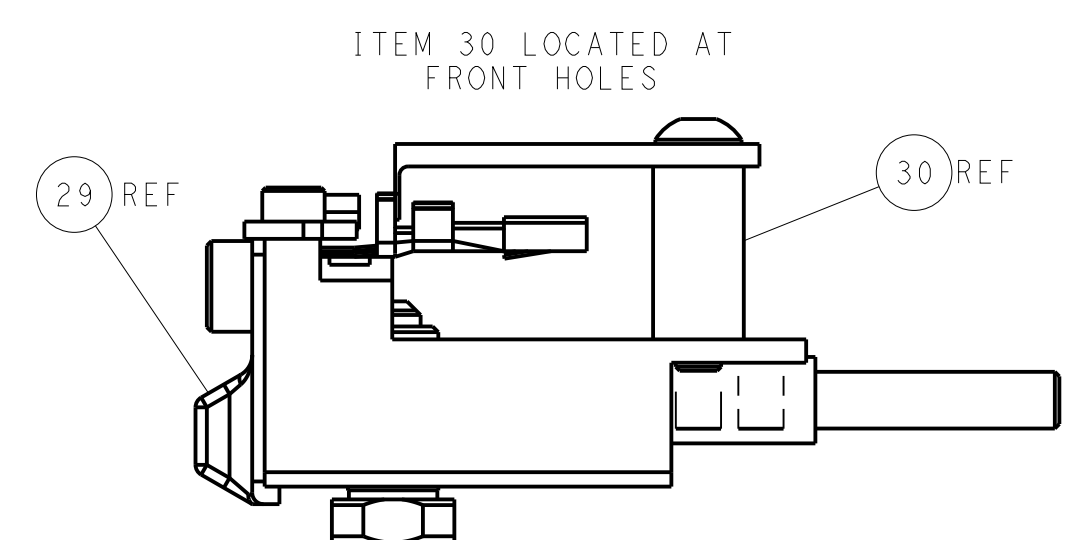
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



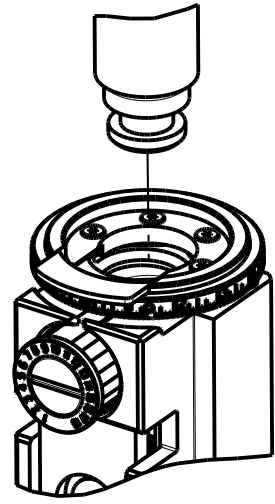
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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 Y. YIN 26FEB2013		CHK G. BAILEY 26FEB2013		APVD H. GUO 26FEB2013		NAME Ocean Side Feed Applicator	
mm		0 PLC	±	PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		1 PLC	±	APPLICATION SPEC		A1	00779	©=2151509			
		2 PLC	±	WEIGHT		Customer Accessible Production Drawing		SCALE	1:2	SHEET	2 OF 4
		3 PLC	±	ANGLES				REV	E		
		4 PLC	±								

8				7																			
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PART NUMBER				REVISION				DESCRIPTION								FEED TYPE							
2-2151509-1				D				FINE CRIMP HEIGHT ADJUST								MECHANICAL							
2-2151509-2				E				FINE CRIMP HEIGHT ADJUST								PNEUMATIC							
7-2151509-7				A				CRIMP TOOLING KIT								-							

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	3.94 mm [.155]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MCON 2.8-RECEPTACLE			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
4.30-4.90 mm [.169-.193 IN]			Ø2.20-3.00 mm [.087-.118 IN]
TERMINAL APPLICATION SPECIFICATION		114-18718	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1719840-1	1719840-3		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING	
2.50mm2		1.77+/-0.05 [.070+/- .002]		5.3	
1.50mm2		1.48+/-0.05 [.058+/- .002]		8.4	



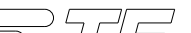
- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
5. 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)

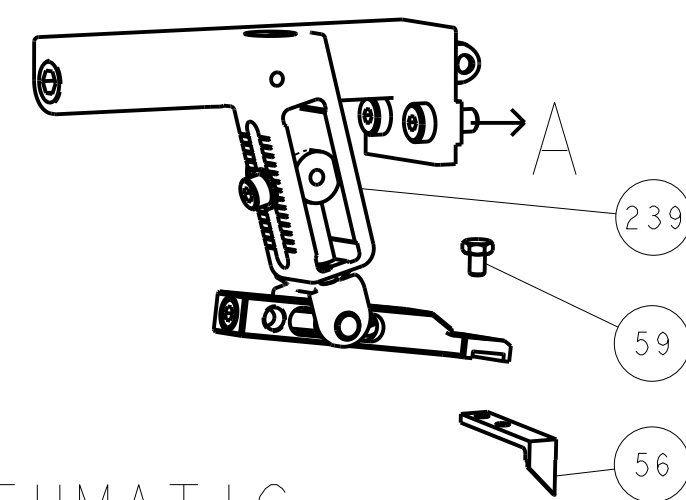
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
A	66	-	-	SEE SHEET 1	-	-

-	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
-	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	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-4	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	1338685-1	PAWL, FEED	56
-	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	1	1	1803382-1	HOLD DOWN, SPRING LOADED	50
-	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	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	3-2844962-0	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
-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-1	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	1803095-6	FLOATING SHEAR, FRONT	9
1	1	1	1633134-4	ANVIL, COMBINATION .110	8
-	1	1	4-240641-5	SPACER	7
-	-	-	-	-	6
-	1	1	2119757-9	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	2-2119785-9	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	455888-5	SPACER, CRIMPER	2
1	1	1	1-456408-7	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

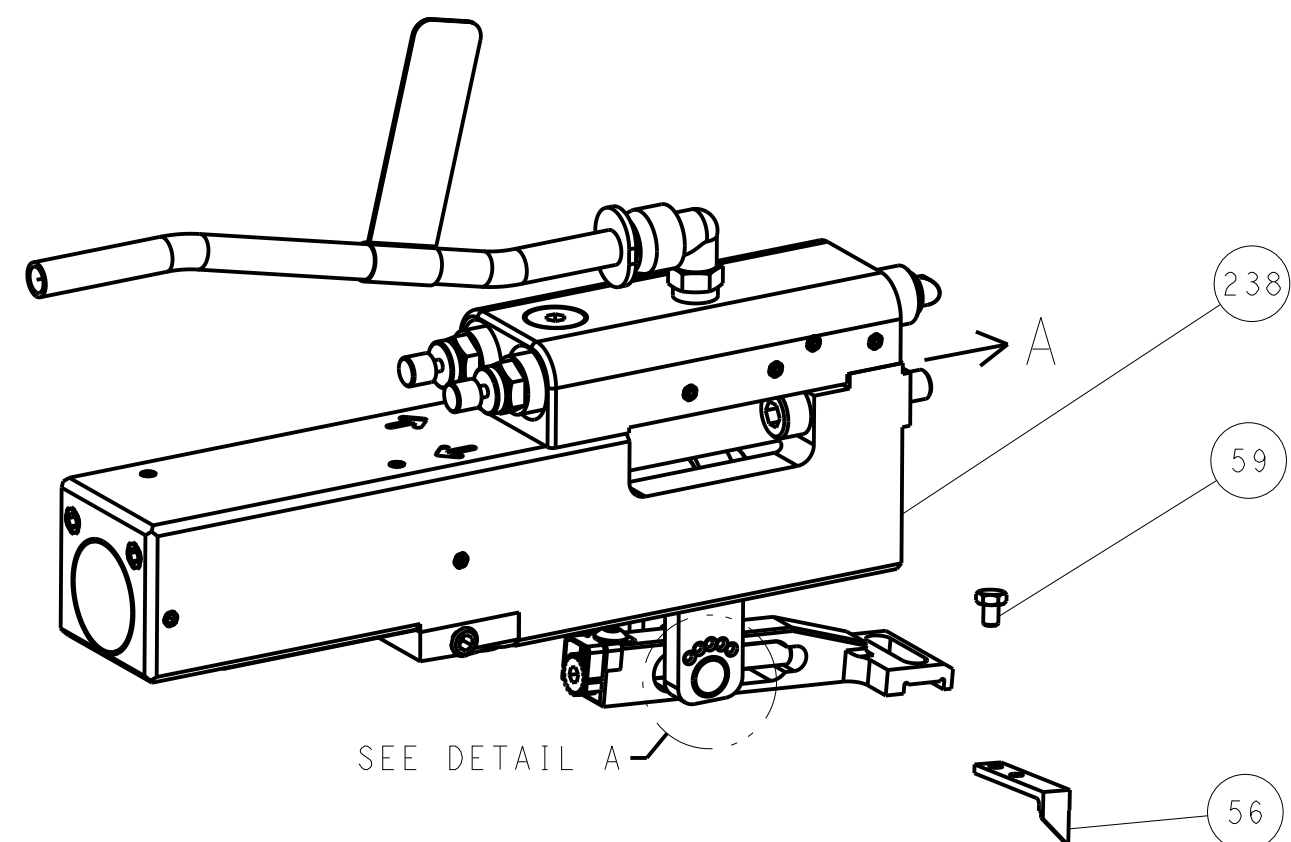
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN Y. YIN 26FEB2013	 TE Connectivity Harrisburg, PA 17105-3608				
				CHK G. BAILEY 26FEB2013					
				APVD H. GUO 26FEB2013	Ocean Side Feed Applicator				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME					
mm		0 PLC ±							
		1 PLC ±							
		2 PLC ±							
		3 PLC ±							
		4 PLC ±		SIZE					
		ANGLES		CAGE CODE					
		FINISH		DRAWING NO					
				RESTRICTED TO					
				A1 00779 ©=2151509					
				Customer Accessible Production Drawing					
				SCALE 1:2					
				SHEET 3 OF 4					
				REV E					

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

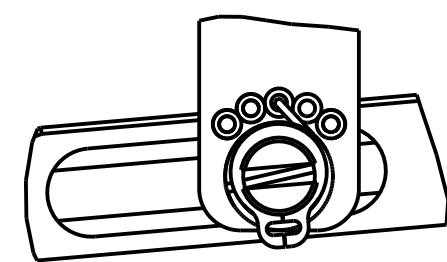
FEED TYPE MECHANICAL



PNEUMATIC

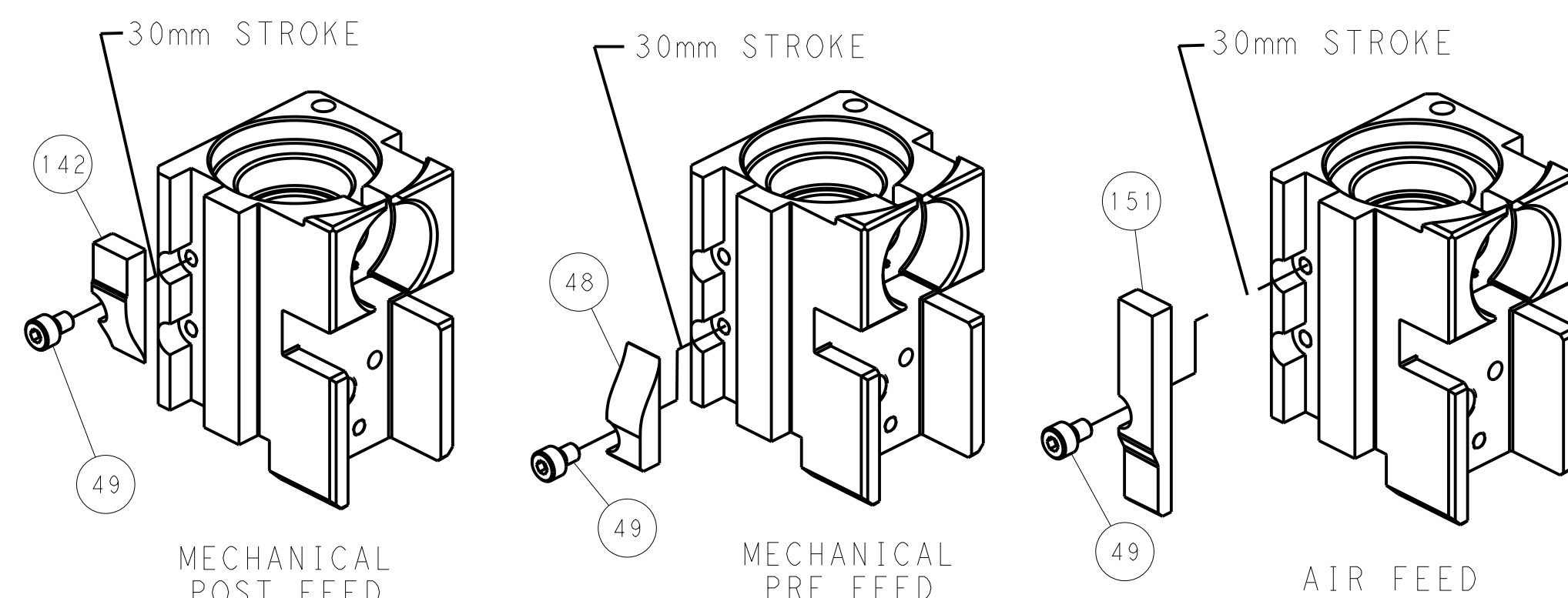


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



DETAIL A

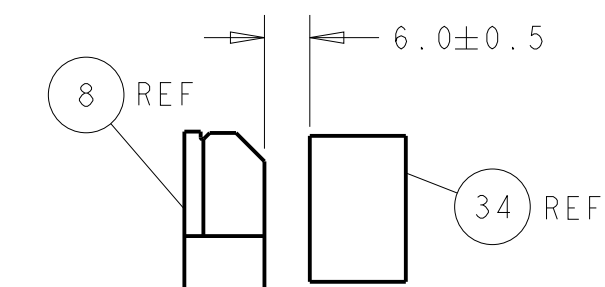
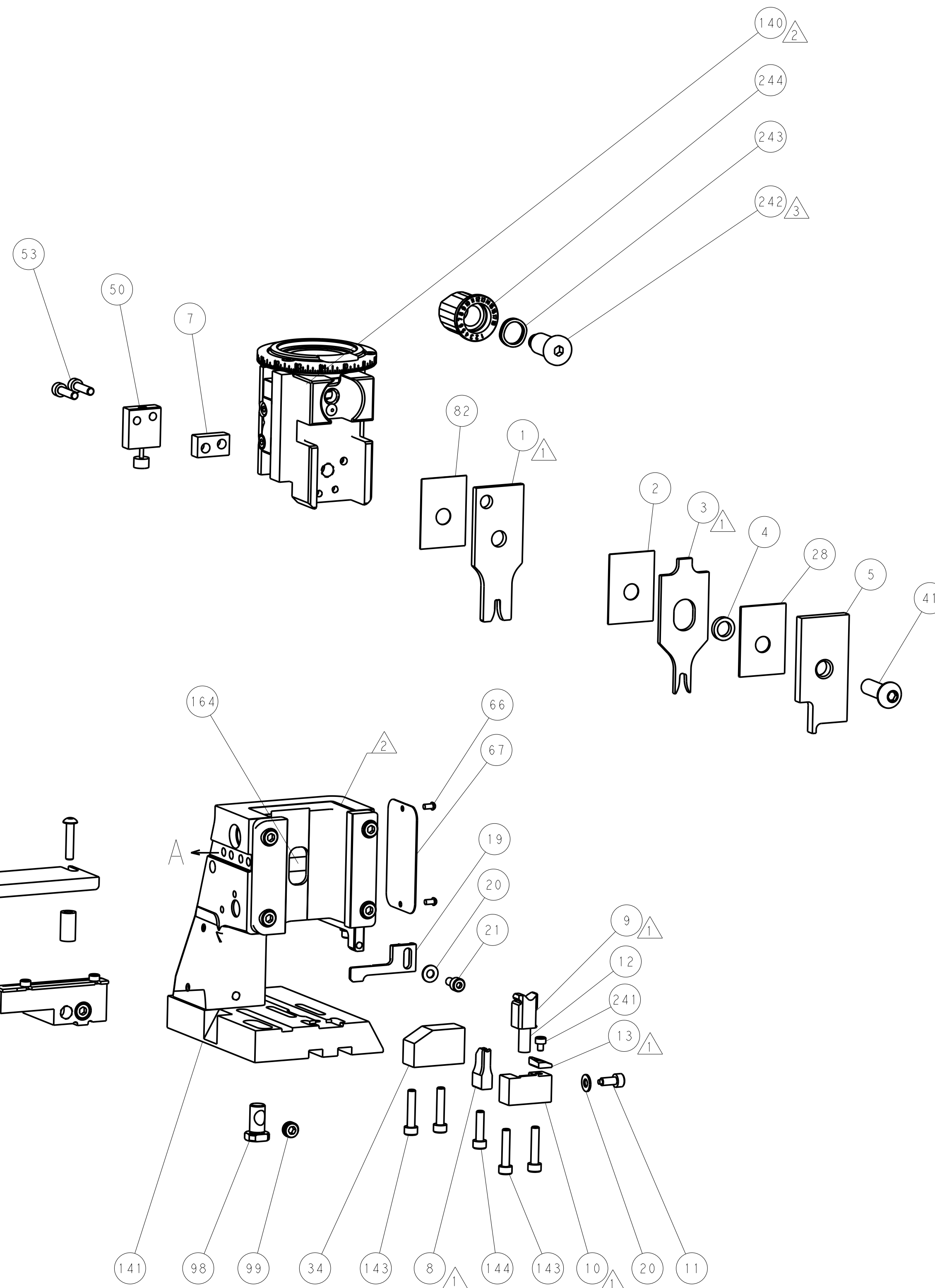
CAM POSITIONS



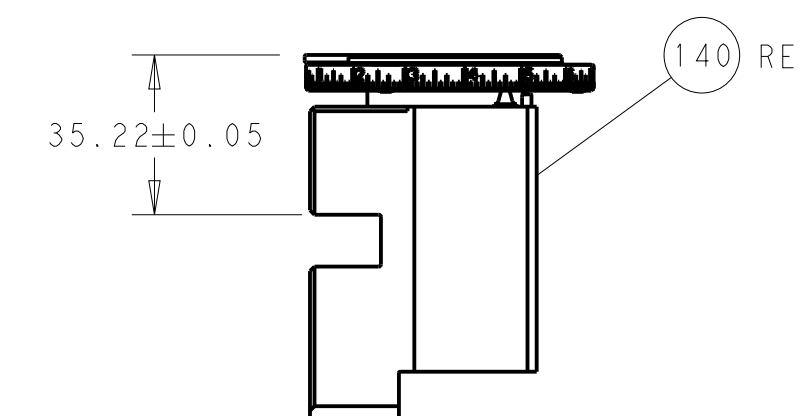
MECHANICAL
POST FEED

MECHANICAL
PRE FEED

AIR FEED

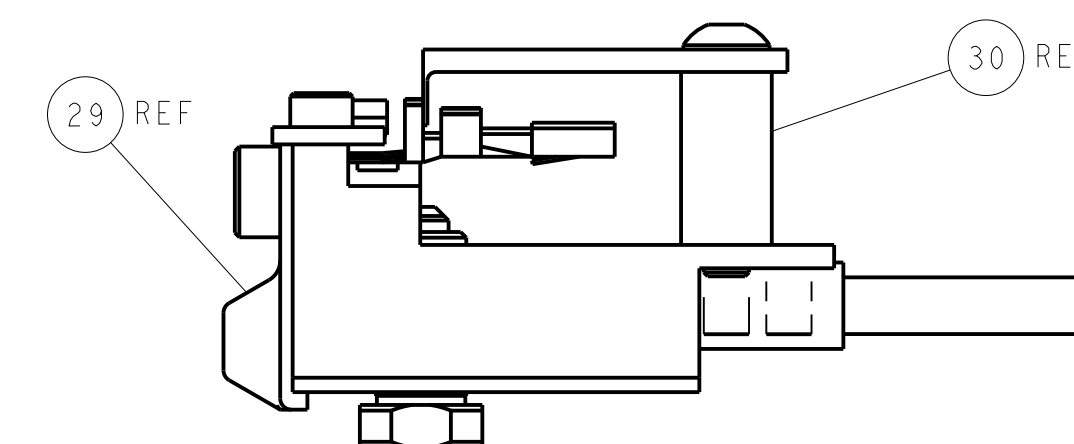


TERMINAL SUPPORT LOCATION



RAM SET-UP

ITEM 30 LOCATED AT
FRONT 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)

1. THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN Y. YIN 26FEB2013	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK G. BAILEY 26FEB2013	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H. GUO 26FEB2013	SIZE A1	
0 PLC ±		PRODUCT SPEC	CAGE CODE 00779	
1 PLC ±		APPLICATION SPEC	DRAWING NO 2151509	
2 PLC ±		WEIGHT	RESTRICTED TO	
3 PLC ±		Customer Accessible Production Drawing	SCALE 1:2	
4 PLC ±			SHEET 4 OF 4	
ANGLES ±			REV E	
FINISH				

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-2151509-1](#)