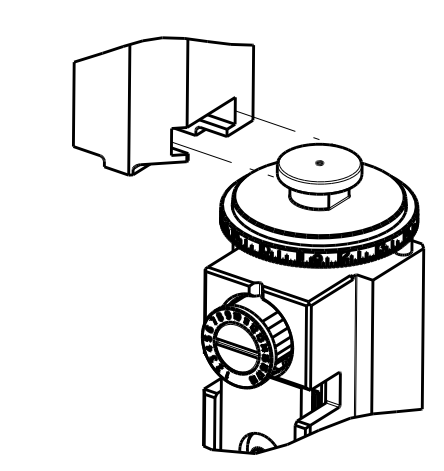


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2266174-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2266174-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2266174-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2266174-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2266174-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

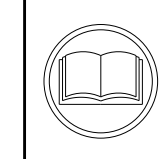


APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	2.54 mm [.100]	O

APPLICATOR INSTRUCTIONS  
408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMPMODU I REC. CONTACT HIGH PRESSURE C.O.S.I.			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.35-4.17 mm [.132-.164 IN]		Ø1.85-2.29 mm [.073-.090 IN]	
TERMINAL APPLICATION SPECIFICATION	114-20040		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
280621-1	280621-2	280621-6	280702-1

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.17 +/- 0.03 [.046 +/- .001]	5.3
20 AWG	1.02 +/- 0.03 [.040 +/- .001]	6.8
22 AWG	0.94 +/- 0.03 [.037 +/- .001]	7.0



- 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	REV	DATE	BY	CHKD
		A1	ECR-14-003679	12MAR2014	YY UG
		B	ECR-18-012768	10AUG2018	JAH CT
		C	ECR-19-001210	24JAN2019	FJ YY
		D	ECR-19-011339	19JUL2019	FZ TE

-	1	1	1	1	2280441-1	INSERT, SHEAR	282
-	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
-	2	2	2	2	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	1-240641-4	SPACER	81
-	1	1	1	1	22278-8	SPRING, COMPRESSION	77
-	1	1	1	1	854769-4	HOLDER, INS	74
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	1	1	2119791-9	DEPRESSOR, WIRE	70
-	1	1	1	1	2119943-1	WASHER, SPACER	69
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	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	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
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-4	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	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
-	3	3	3	3	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	690518-2	HOLD DOWN, TERMINAL	18
-	1	1	1	1	690463-1	FLOATING SHEAR, REAR	17
-	2	2	2	2	7-18023-7	SCR, SKT HD CAP M3 X 4.0	16
-	1	1	1	1	690464-4	SHEAR PLATE, REAR	15
-	1	1	1	1	2119862-1	SHEAR HOLDER, REAR	14
-	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	2	2	2	2	3-22280-3	SPRING, COMPRESSION	12
-	2	2	2	2	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1803095-1	FLOATING SHEAR, FRONT	9
1	2	2	1	1	1333203-2	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	1	1	1	1	690468-2	DEPRESSOR SHEAR, REAR	6
-	1	1	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	4-2119784-0	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
1	2	2	1	1	1-456404-0	CRIMPER, WIRE PREMIUM	1
-	77	-72	-71	-2	-1	PART NO	ITEM NO

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	

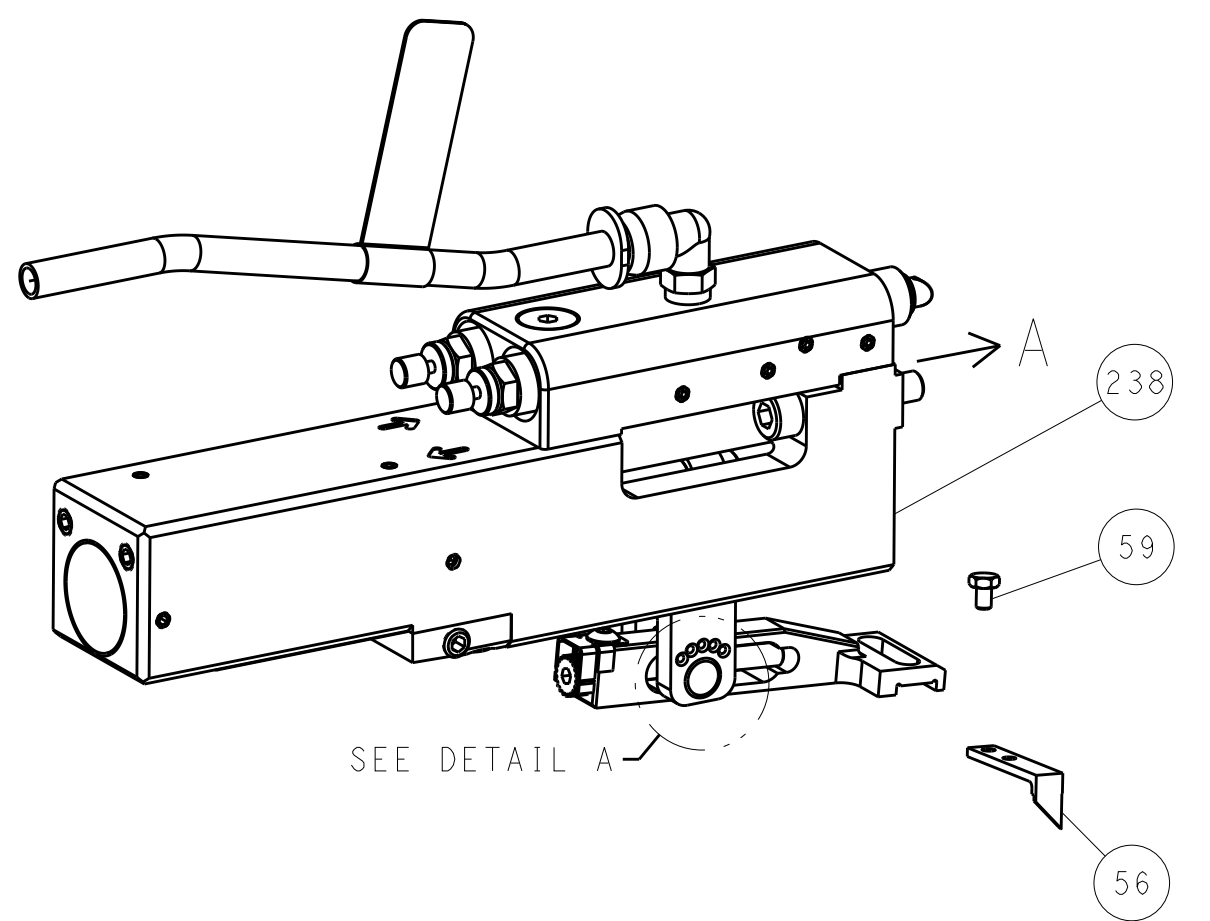
OWN	X. ZHAO	10DEC2013	TE Connectivity
CHK	L. ZHANG	10DEC2013	Harrisburg, PA 17105-3608
APVD	T. ELBIN	10DEC2013	
PRODUCT SPEC	Ocean Side Feed Applicator		
APPLICATION SPEC			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	2266174	
Customer Accessible Production Drawing			SCALE 1:2 SHEET 1 OF 4 REV D

LOC		DIST		REVISIONS			
REV	DATE	BY	CHK	DESCRIPTION	DATE	OWN	APVD
A	66			SEE SHEET 1			

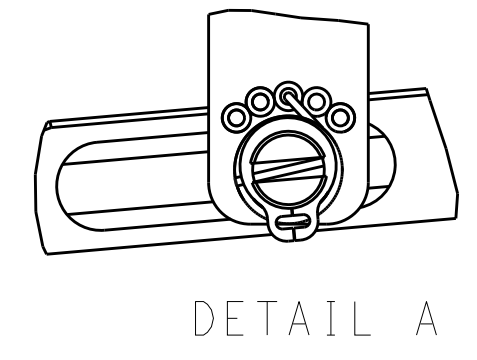
# FEED TYPE MECHANICAL



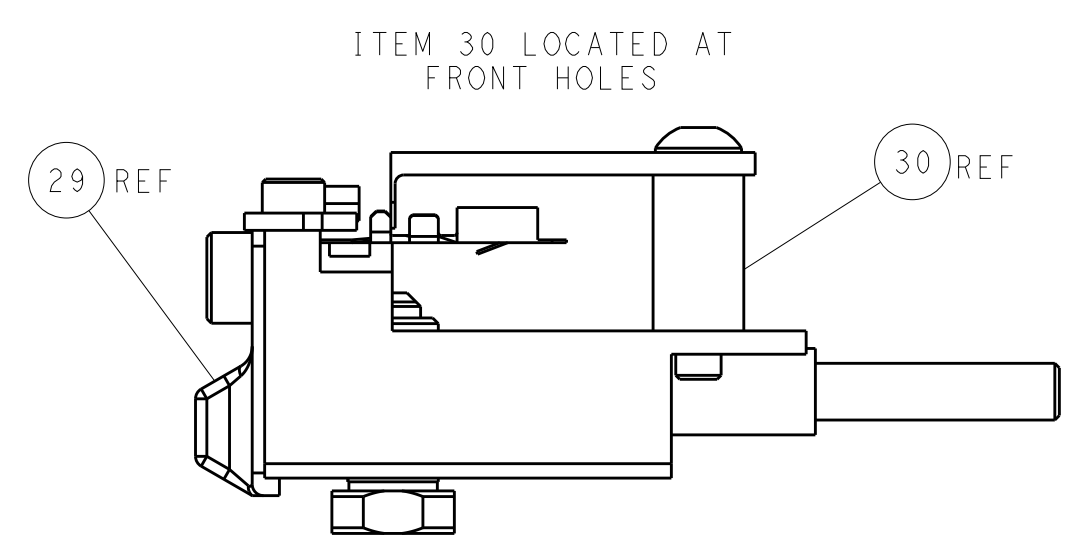
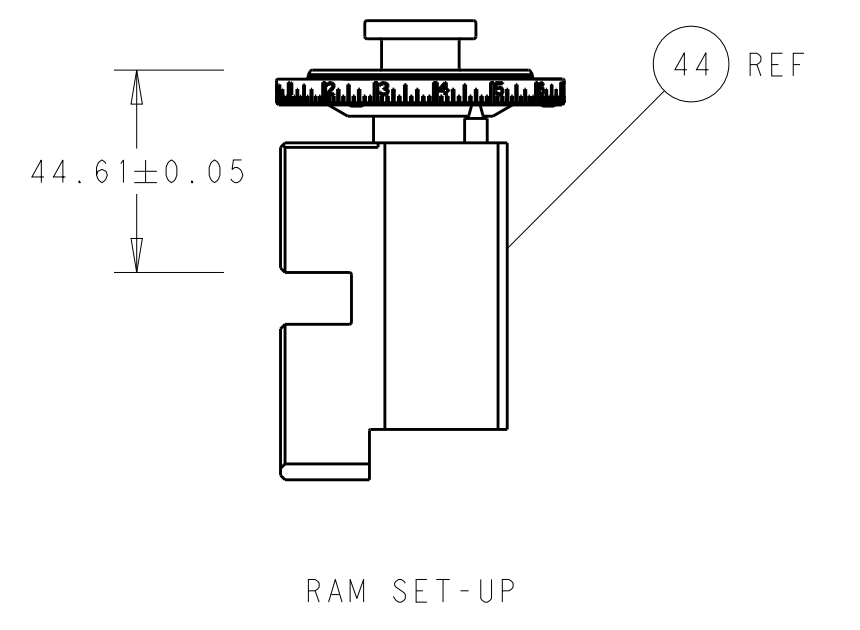
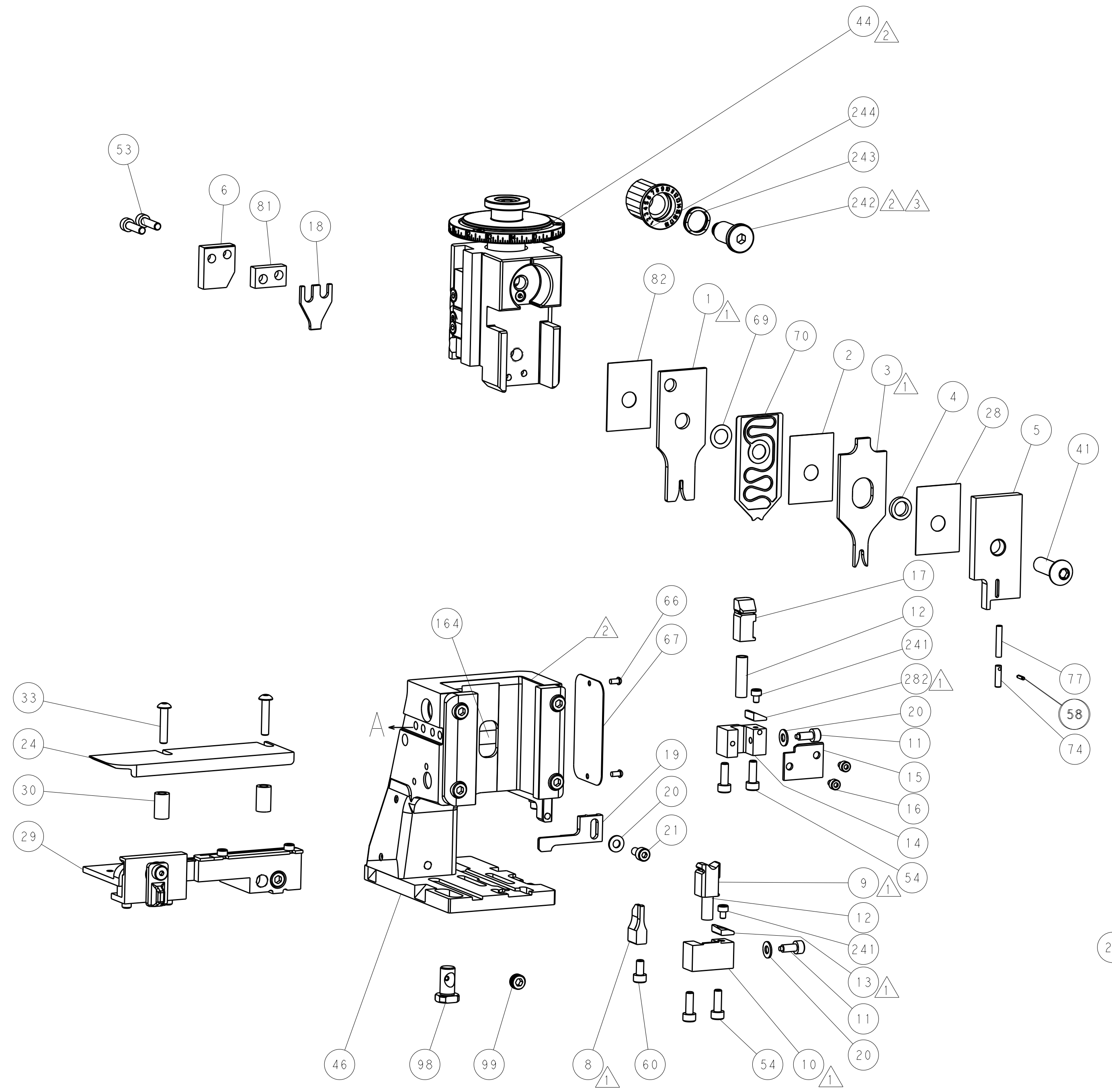
## PNEUMATIC



### FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



## CAM POSITIONS



**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:		DWG: X.ZHAO 10DEC2013		TE Connectivity	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	NAME	Harrisburg, PA 17105-3608
	ANGLES			CHK: L.ZHANG 10DEC2013	APVD: T.ELBIN 10DEC2013	Ocean Side Feed Applicator	
MATERIAL:	FINISH:			PRODUCT SPEC		SIZE	RESTRICTED TO
				APPLICATION SPEC		A1 00779	
				WEIGHT		SCALE 1:2 SHEET 2 OF 4 REV D	
				Customer Accessible Production Drawing		©=2266174	

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2266174-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2266174-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2266174-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	2.54 mm [.100]	O

APPLICATOR INSTRUCTIONS  
408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMPMODU I REC. CONTACT HIGH PRESSURE C.O.S.I.			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.35-4.17 mm [.132-.164 IN]		Ø1.85-2.29 mm [.073-.090 IN]	
TERMINAL APPLICATION SPECIFICATION	114-20040		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
280621-1	280621-2	280621-6	280702-1

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.17 +/- 0.03 [.046 +/- .001]	5.3
20 AWG	1.02 +/- 0.03 [.040 +/- .001]	6.8
22 AWG	0.94 +/- 0.03 [.037 +/- .001]	7.0



- 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					
A	66	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-	-	SEE SHEET 1			

-	1	1	2280441-1	INSERT, SHEAR	282
-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	2119083-1	RETAINER, INSULATION DIAL	242
-	2	2	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	1-240641-4	SPACER	81
-	1	1	22278-8	SPRING, COMPRESSION	77
-	1	1	854769-4	HOLDER, INS	74
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119791-9	DEPRESSOR, WIRE	70
-	1	1	2119943-1	WASHER, SPACER	69
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	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
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-4	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
-	3	3	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	690518-2	HOLD DOWN, TERMINAL	18
-	1	1	690463-1	FLOATING SHEAR, REAR	17
-	2	2	7-18023-7	SCR, SKT HD CAP M3 X 4.0	16
-	1	1	690464-4	SHEAR PLATE, REAR	15
-	1	1	2119862-1	SHEAR HOLDER, REAR	14
-	1	1	2119806-1	INSERT, SHEAR	13
-	2	2	3-22280-3	SPRING, COMPRESSION	12
-	2	2	1-356885-4	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1803095-1	FLOATING SHEAR, FRONT	9
1	1	1	1333203-2	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	1	1	690468-2	DEPRESSOR SHEAR, REAR	6
-	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	4-2119784-0	CRIMPER, INSULATION O PREMIUM	3
-	1	1	455888-1	SPACER, CRIMPER	2
1	1	1	1-456404-0	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

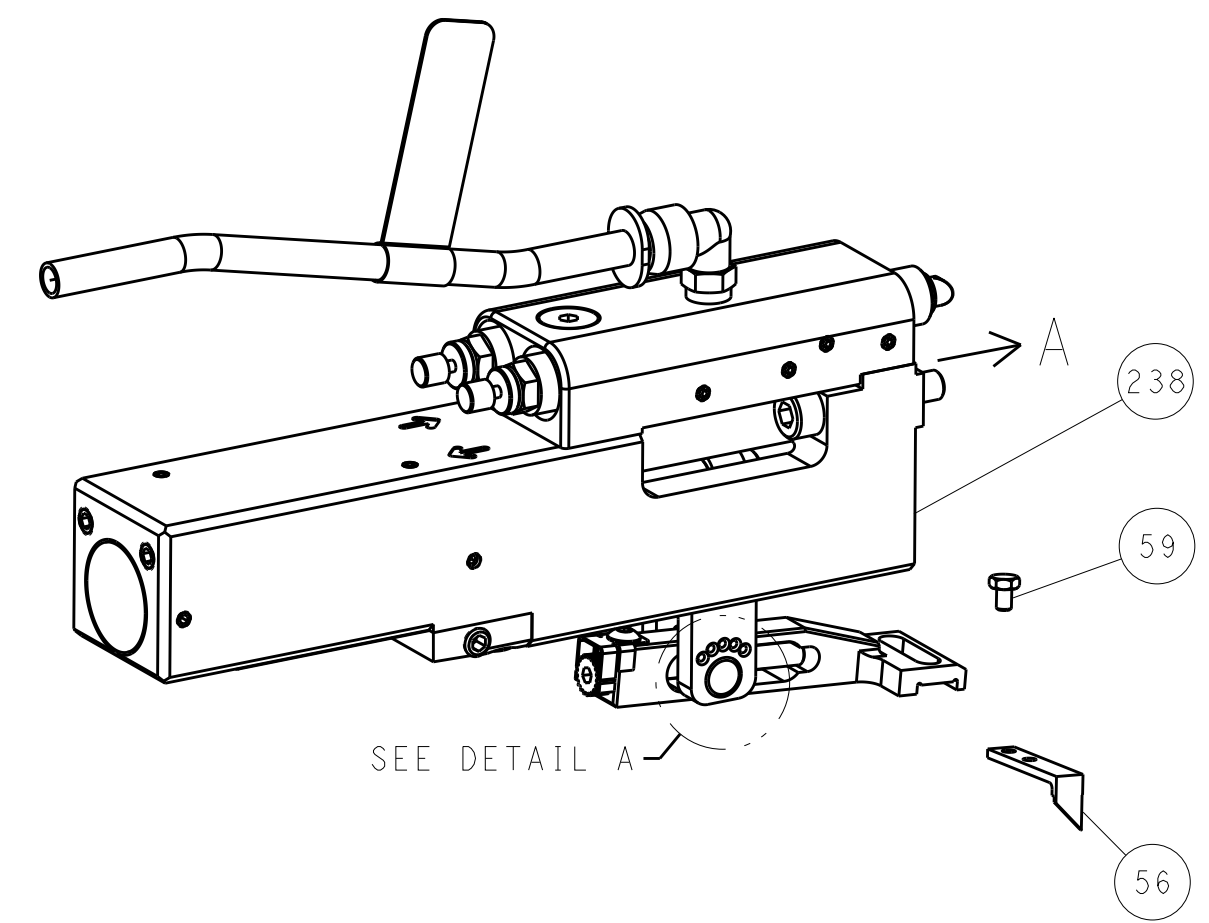
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG: X.ZHAO 10DEC2013		CHK: L.ZHANG 10DEC2013		APVD: T.FLRIN 10DEC2013		NAME: Ocean Side Feed Applicator	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	PRODUCT SPEC		APPLICATION SPEC		SIZE: A1 00779 C=2266174	
MATERIAL:	FINISH:	WEIGHT:		SCALE: 1:2		SHEET: 3 OF 4		REV: D		RESTRICTED TO:	
Customer Accessible Production Drawing											

LOC		DIST		REVISIONS			
A	66	P	LTM	DESCRIPTION	DATE	OWN	APVD
		-	-	SEE SHEET 1	-	-	-

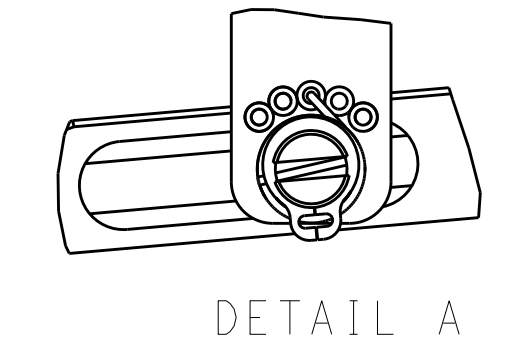
# FEED TYPE MECHANICAL



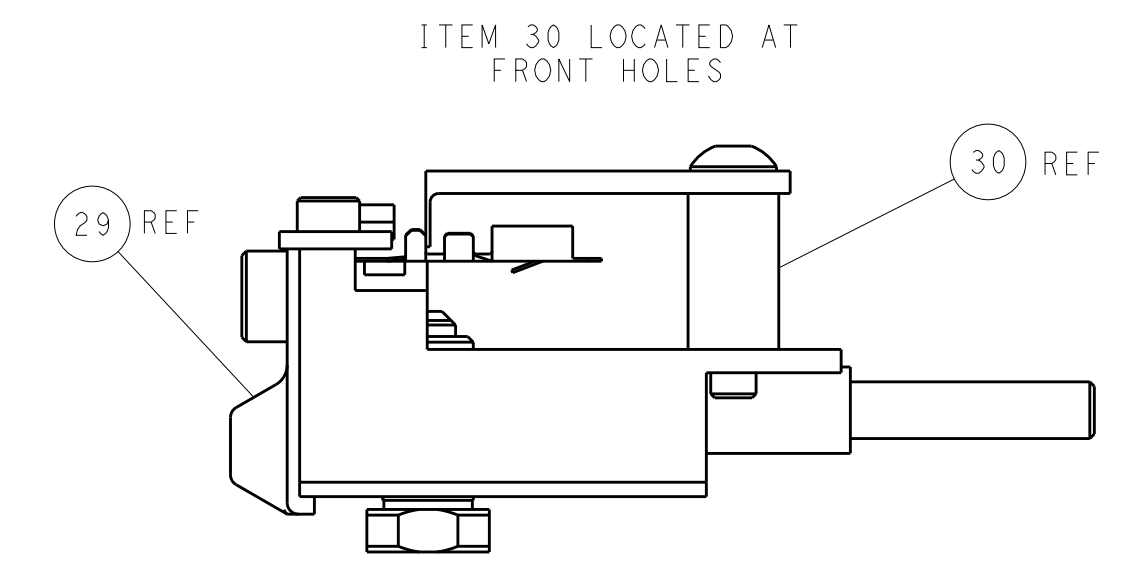
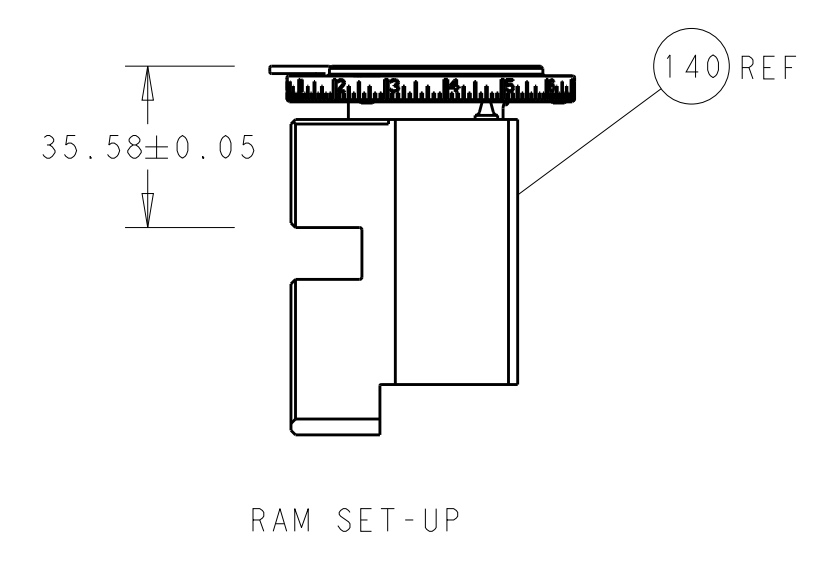
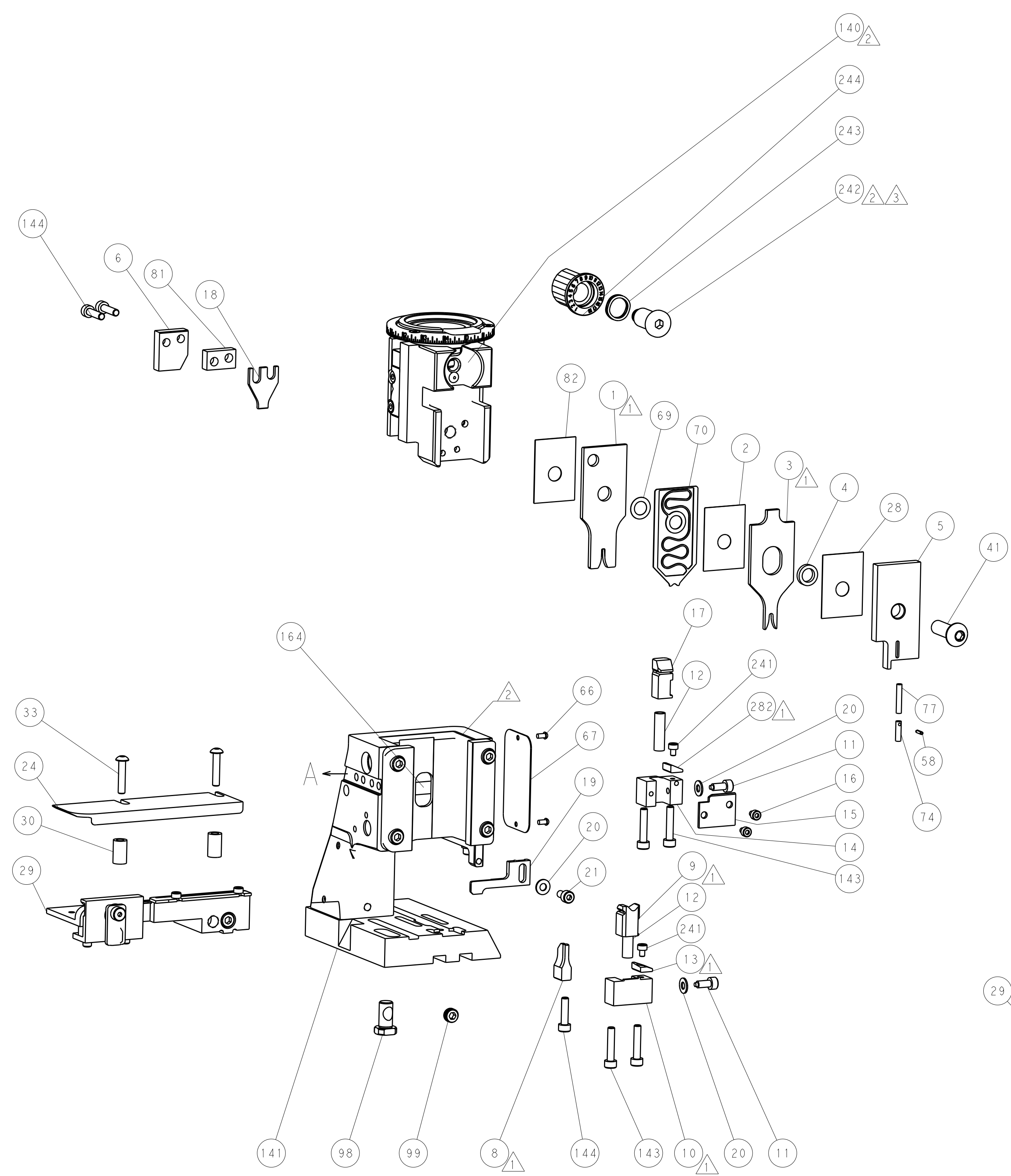
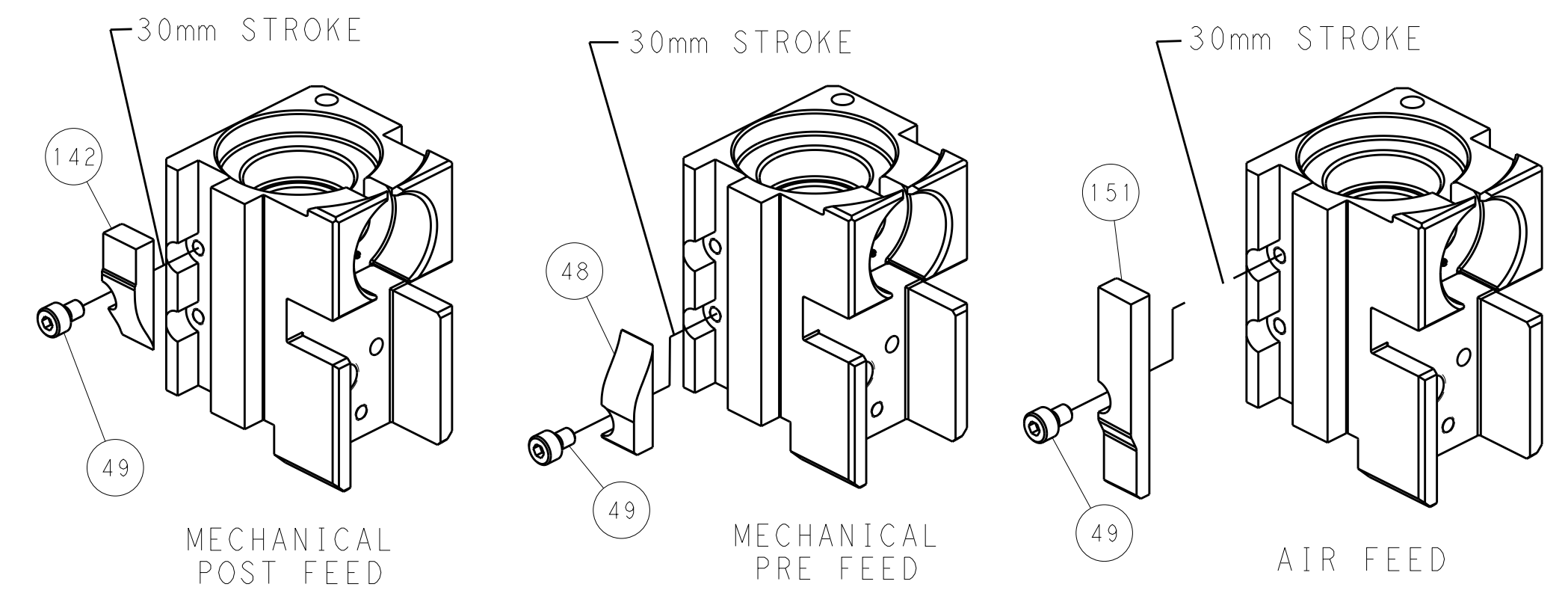
# PNEUMATIC



# FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



# CAM POSITIONS



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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG: X.ZHAO 10DEC2013		CHK: L.ZHANG 10DEC2013		APVD: T.ELBIN 10DEC2013		NAME: Ocean Side Feed Applicator	
mm	0 PLC	±		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	STE TE Connectivity Harrisburg, PA 17105-3608			
	1 PLC	±		SCALE	1:2	SHEET 4 OF 4	REV D	Customer Accessible Production Drawing			
	2 PLC	±		MATERIAL: - FINISH: - WEIGHT: -							
	3 PLC	±		MATERIAL: - FINISH: - WEIGHT: -							
	4 PLC	±		MATERIAL: - FINISH: - WEIGHT: -							
	5 PLC	±		MATERIAL: - FINISH: - WEIGHT: -							
	ANGLES	±		MATERIAL: - FINISH: - WEIGHT: -							

# Mouser Electronics

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[2266174-1](#)