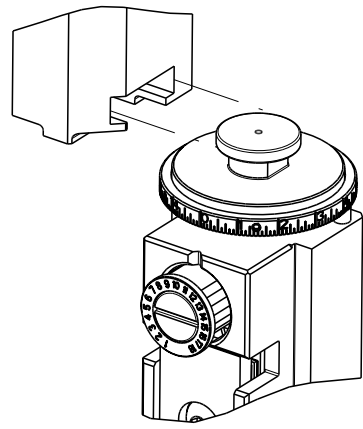
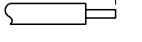



8	7
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RELEASED FOR PUBLICATION 20	
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PART NUMBER	REVISION
2151752-1	B
2151752-2	C
7-2151752-1	B
7-2151752-2	C
7-2151752-7	A
DESCRIPTION	
FEED TYPE	
FINE CRIMP HEIGHT ADJUST	
MECHANICAL	
FINE CRIMP HEIGHT ADJUST	
PNEUMATIC	
MECHANICAL AND CRIMP TOOLING KIT	
MECHANICAL	
PNEUMATIC AND CRIMP TOOLING KIT	
PNEUMATIC	
CRIMP TOOLING KIT	
-	

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.10 mm [.083]	F
INSUL	2.26 mm [.089]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: MOLEX TERMINAL		MOLEX CRIMP SPECIFICATION	
TERMINAL NAME: MX 150 RECEPTACLE TERMINAL			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
4.70-5.60 mm [.185-.220 IN]			Ø1.90-2.10 mm [.075-.083 IN]
TERMINAL APPLICATION SPECIFICATION		ATS-639000800 Rev E	
		-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1949306-1	33012-3002	1949306-5	33001-5002
1949306-2	33001-3004	1949306-6	33001-5022
1949306-3	33012-3022	1949306-7	13532153
1949306-4	33001-3022	1949306-8	34750-1002

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.30+/-0.05 [.051+/- .002]	6.4
18 AWG OR 0.82mm2	1.25+/-0.05 [.049+/- .002]	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)

2	1
LOC	DIST
A	66
REVISONS	
P	LYR
DESCRIPTION	
DATE	DWN
APVD	
A	RELEASED
05AUG2013	LG
TE	
B	ECR-18-017086
30OCT2018	TB
CT	
C	ECR-20-016145
12NOV2020	JWC
TE	

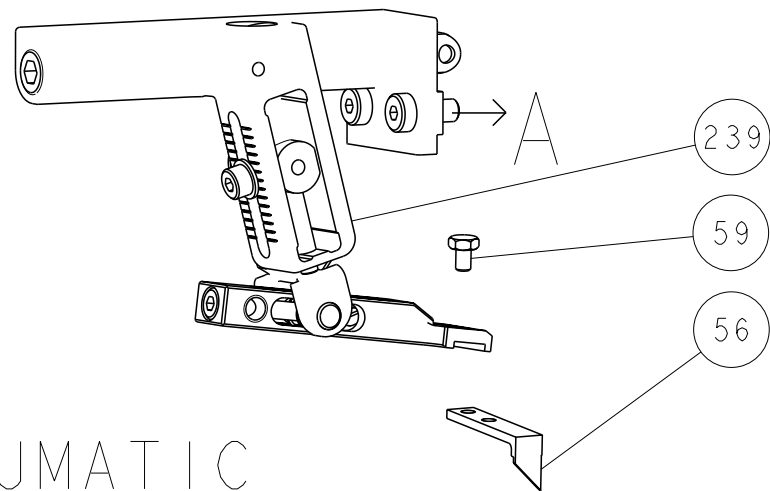
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	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	455888-3	SPACER, CRIMPER	82
-	1	1	1	1	5-547505-2	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	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	2-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 14	53
-	1	1	1	1	1803382-6	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	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-4	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	1	1	240792-2	DRAG, TERMINAL	25
-	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	318707-1	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1633928-8	ANVIL, COMBINATION	8
-	1	1	1	1	240641-1	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119780-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	2-1633966-2	CRIMPER, INSULATION O	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
-	1	2	2	1	8-1633305-4	CRIMPER, WIRE PREMIUM	1
-	77	-72	-71	-2	-1	PART NO	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN	24AUG2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:		CHK	24AUG2012	NAME	
mm		APVD	24AUG2012	Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		SIZE	
0 PLC ±		APPLICATION SPEC		CASE CODE	
1 PLC ±		WEIGHT		DRAWING NO	
2 PLC ±		Customer Accessible Production Drawing		RESTRICTED TO	
3 PLC ±		SCALE		1:2	
4 PLC ±		SHEET		1 of 4	
ANGLES		REV		C	
FINISH		Customer Accessible Production Drawing		SCALE	
-		1:2		SHEET	
-		1 of 4		REV	
-		C		Customer Accessible Production Drawing	

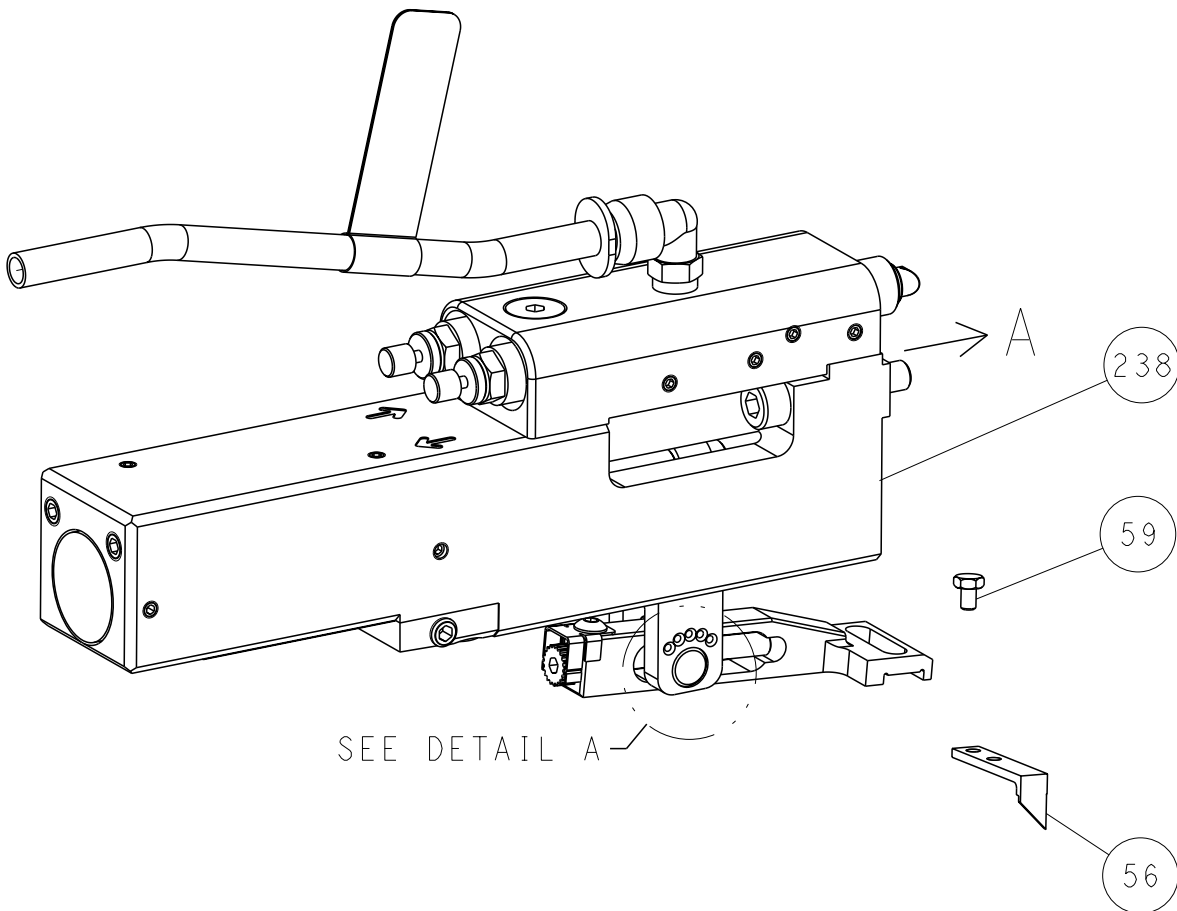
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

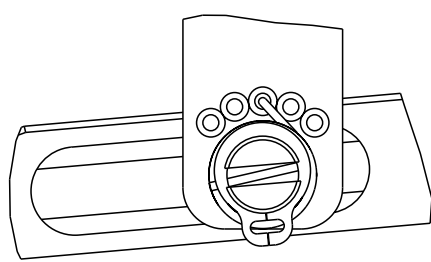
FEED TYPE
MECHANICAL



PNEUMATIC

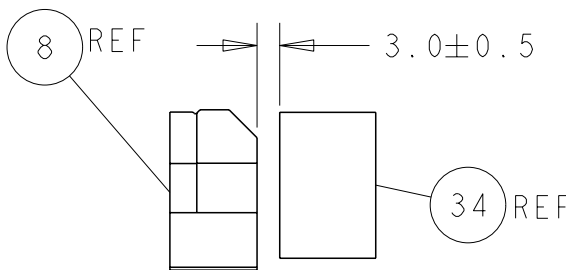
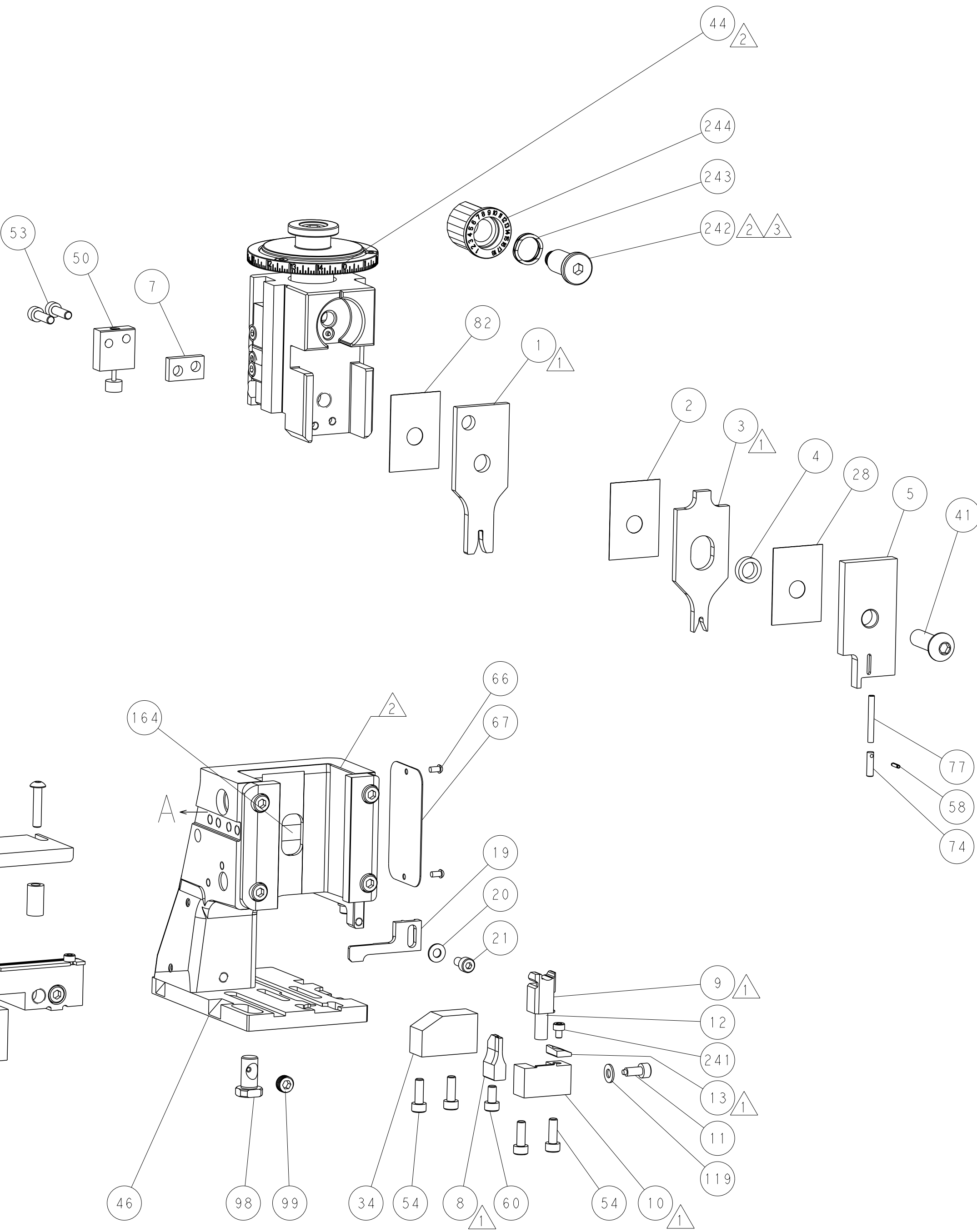
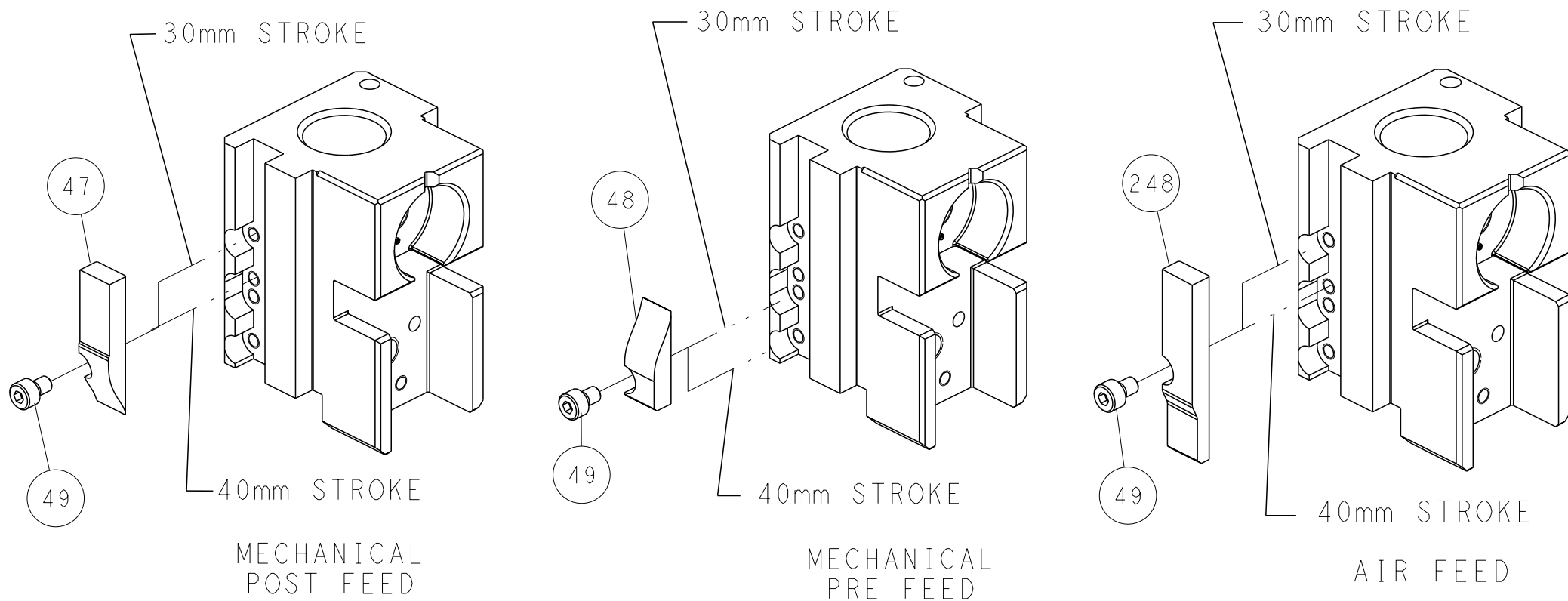


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

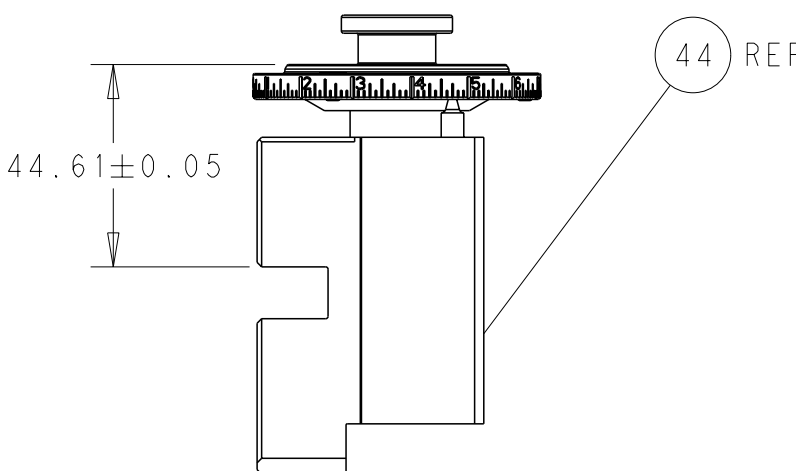


DETAIL A

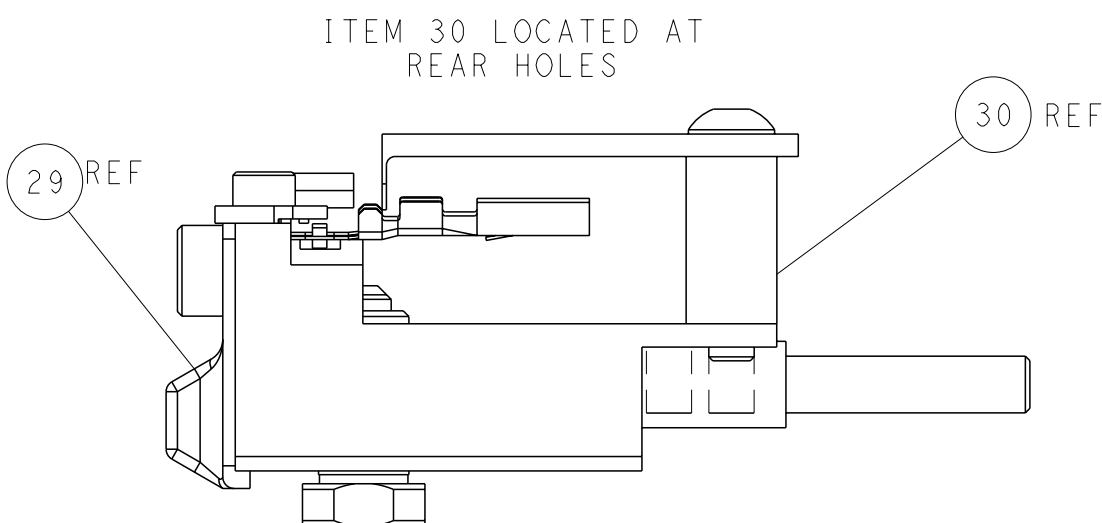
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



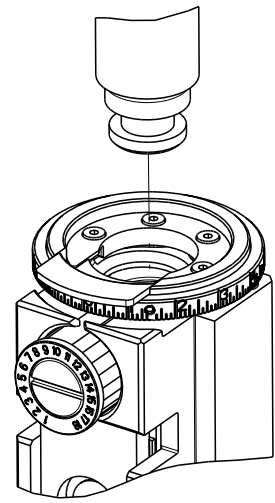
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

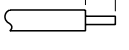

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		24AUG2012		TE Connectivity	
mm		0 PLC ±		CL GROSS		24AUG2012		Harrisburg, PA 17105-3608	
		1 PLC ±		CM T. ELBIN		24AUG2012		NAME	
		2 PLC ±		APVD		24AUG2012		Ocean Side Feed	
		3 PLC ±		PRODUCT SPEC				Applicator	
		4 PLC ±		APPLICATION SPEC					
		ANGLES ±		WEIGHT					
MATERIAL		FINISH		Customer Accessible Production Drawing		SCALE		1:2	
						SHEET		2 of 4	
						REV		C	

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151752-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151752-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151752-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.10 mm [.083]	F
INSUL	2.26 mm [.089]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: MOLEX TERMINAL		MOLEX CRIMP SPECIFICATION	
TERMINAL NAME: MX 150 RECEPTACLE TERMINAL			
WIRE STRIP LENGTH 4.70-5.60 mm [.185-.220 IN]			INSULATION DIAMETER RANGE Ø1.90-2.10 mm [.075-.083 IN]
TERMINAL APPLICATION SPECIFICATION 		ATS-639000800 Rev E	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1949306-1	33012-3002	1949306-5	33001-5002
1949306-2	33001-3004	1949306-6	33001-5022
1949306-3	33012-3022	1949306-7	13532153
1949306-4	33001-3022	1949306-8	34750-1002

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.30+/-0.05 [.051+/- .002]	6.4
18 AWG OR 0.82mm2	1.25+/-0.05 [.049+/- .002]	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)

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

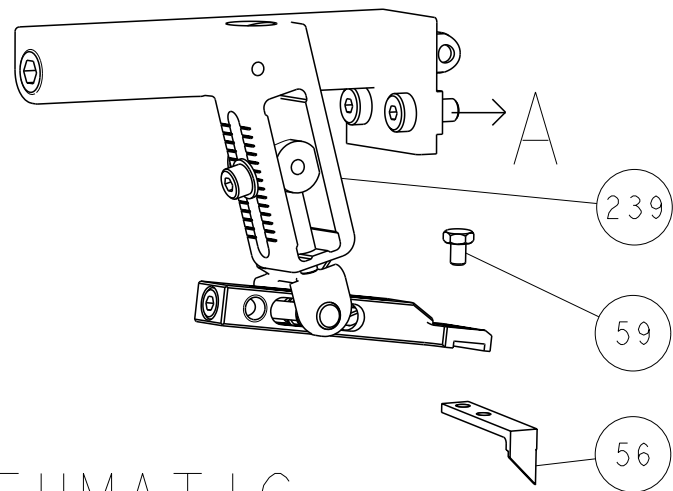
-	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	994970-2	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	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-3	SPACER, CRIMPER	82
-	1	1	5-547505-2	SPRING, COMPRESSION	77
-	1	1	854769-4	HOLDER, INS	74
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 14	53
-	1	1	1803382-6	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	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-4	ASSEMBLY, STRIP GUIDE	29
-	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	240792-2	DRAG, TERMINAL	25
-	1	1	1320928-6	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	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	318707-1	FLOATING SHEAR, FRONT	9
1	1	1	1633928-8	ANVIL, COMBINATION	8
-	1	1	240641-1	SPACER	7
-	-	-	-	-	6
-	1	1	2119780-8	DEPRESSOR, SHEAR	5
-	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
1	1	1	2-1633966-2	CRIMPER, INSULATION O	3
-	1	1	455888-1	SPACER, CRIMPER	2
1	1	1	8-1633305-4	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS CONTROLLED DOCUMENT FOR THE ELECTRONIC EQUIPMENT. IT IS SUBJECT TO CHANGE AND TO THE EXTENT OF THE CHANGES, THE USER SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN L. GROSS 24AUG2012	TE Connectivity Harrisburg, PA 17105-3608		
DIMENSIONS:				CHK T. ELBIN 24AUG2012			
mm				APVD M. CLIFFORD 24AUG2012			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC			
0 PLC ±				APPLICATION SPEC	NAME Ocean Side Feed Applicator		
1 PLC ±				-	SIZE 00779		
2 PLC ±				-	CAGE CODE 2151752		
3 PLC ±				-	DRAWING NO 2151752		
4 PLC ±				-	RESTRICTED TO		
ANGLES				-	Customer Accessible Production Drawing		
FINISH				-	SCALE 1:2		
MATERIAL				-	SHEET 3		
				-	OF 4		
				-	REV C		

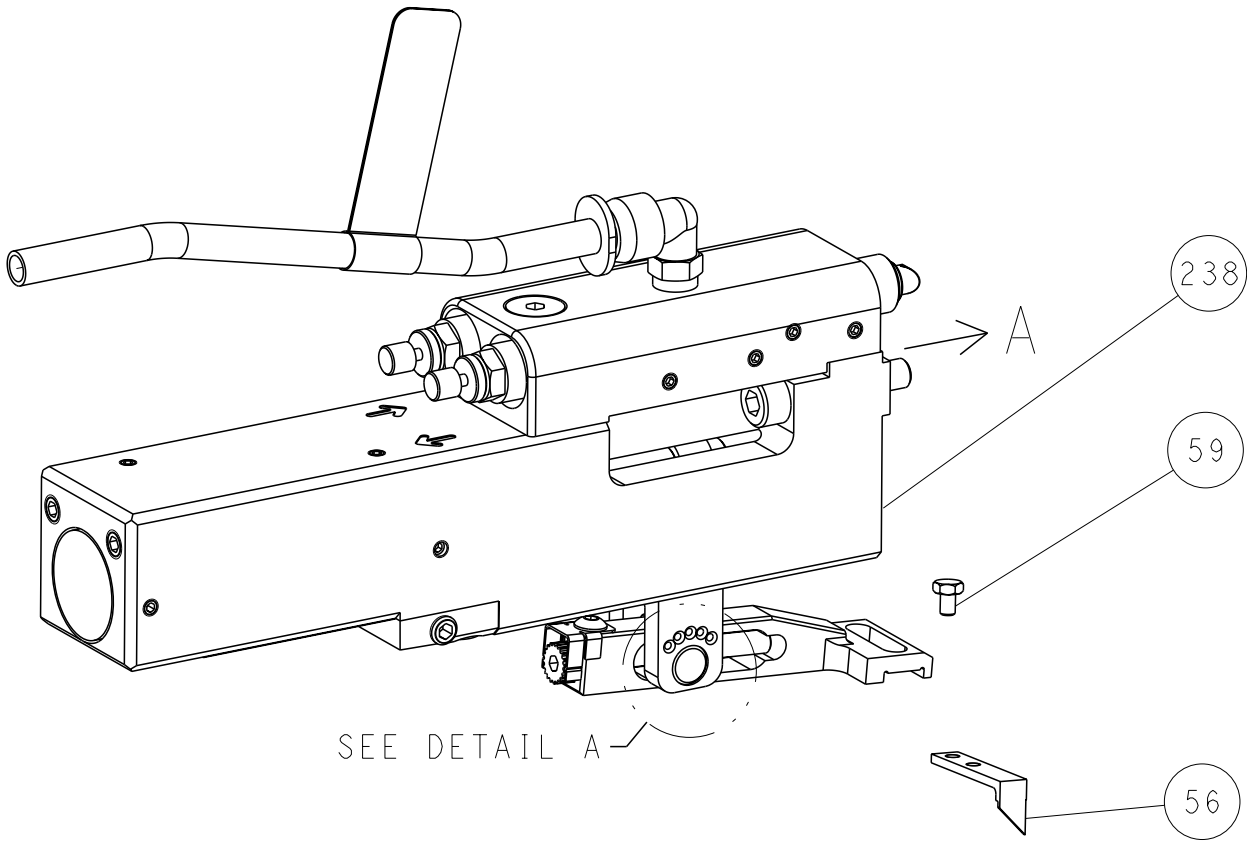
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

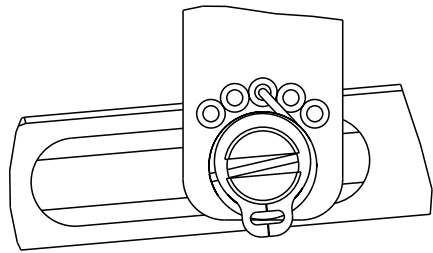
FEED TYPE
MECHANICAL



PNEUMATIC

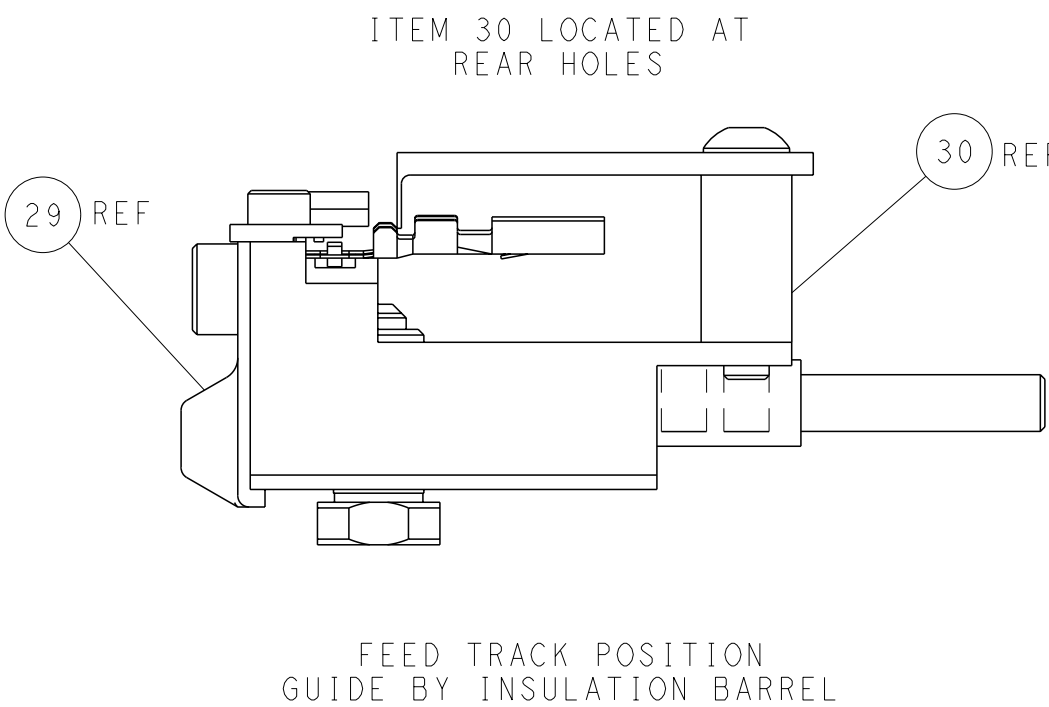
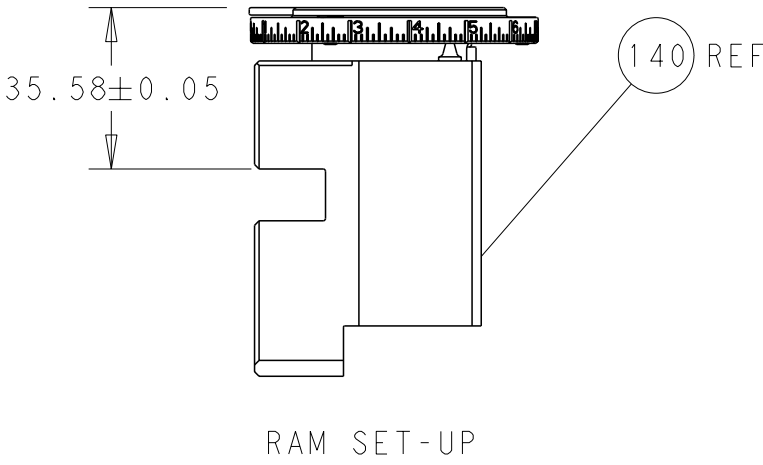
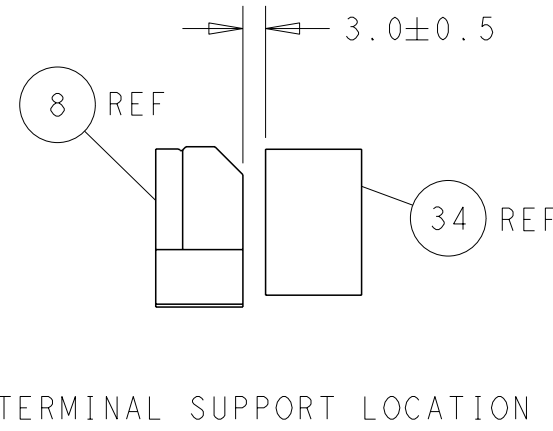
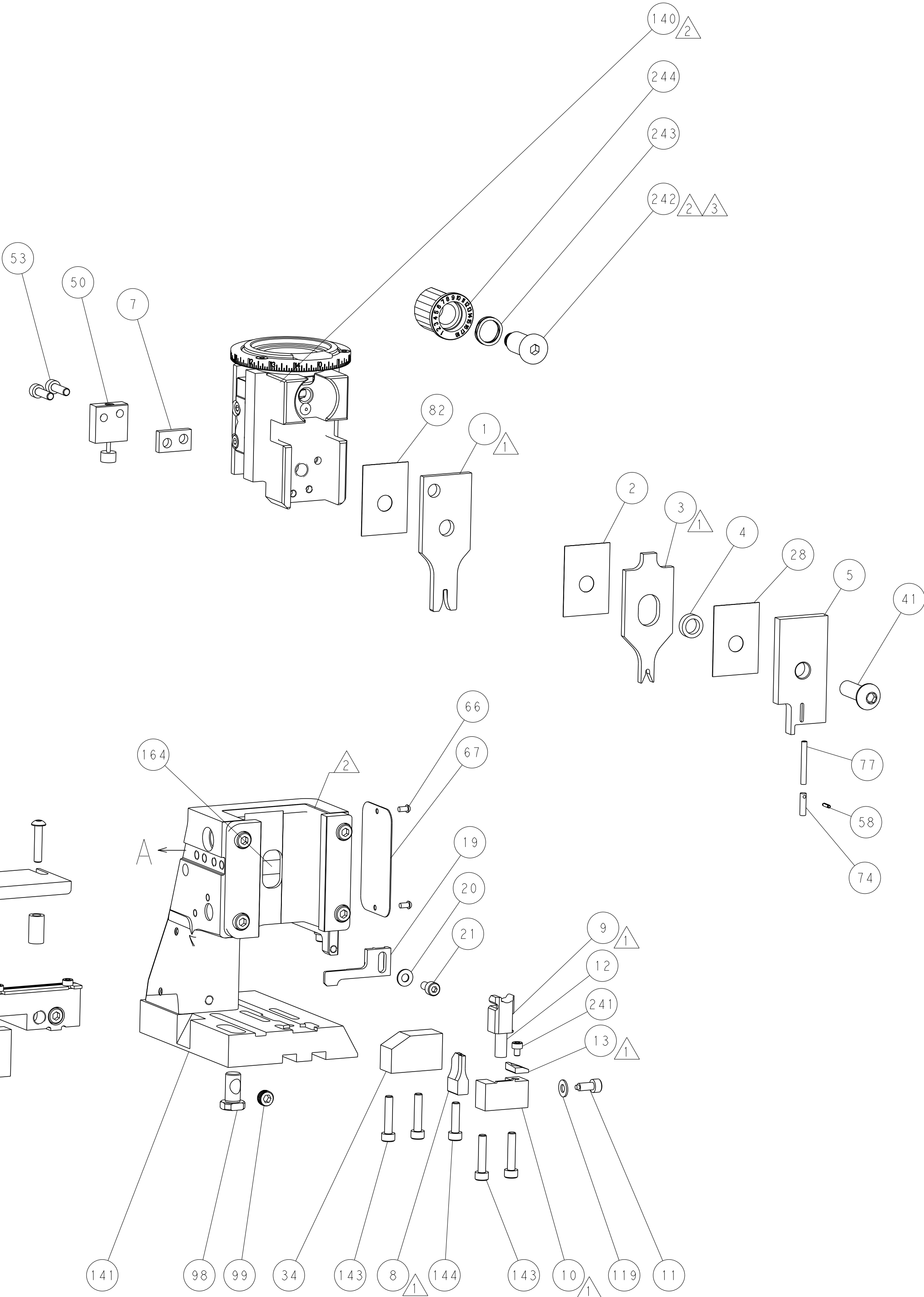
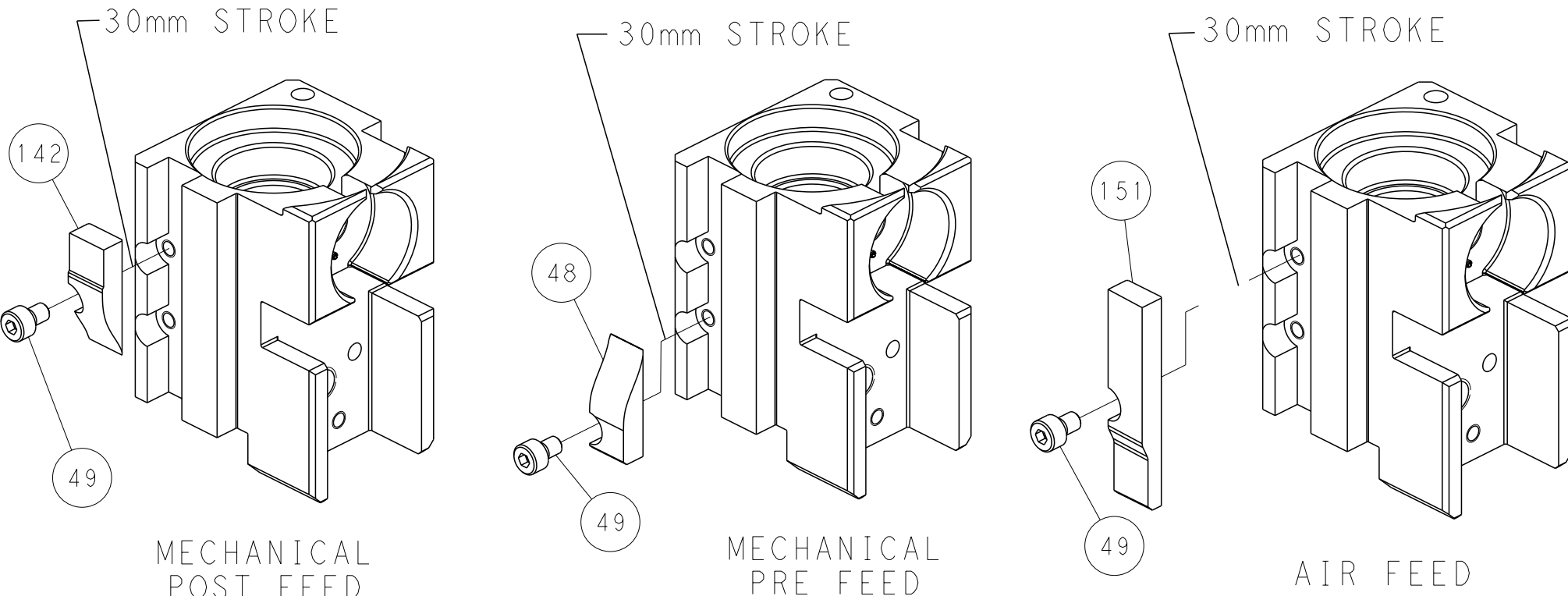


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)




DETAIL A

CAM POSITIONS



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

1111 DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND TO THE CONTROL AND ENGINEERING DEPARTMENT SHOULD BE CONTACTED FOR THE LATEST REVISION		DWN	24AUG2012	 TE Connectivity Harrisburg, PA 17105-3608	
		CHK	24AUG2012		
		APVD	24AUG2012	NAME	
		PRODUCT SPEC		Ocean Side Feed Applicator	
		APPLICATION SPEC		-	
		WEIGHT		-	
		Customer Accessible Production Drawing		SCALE	
		1:2		SHEET 4 OF 4	
		REV		C	

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2151752-1](#)