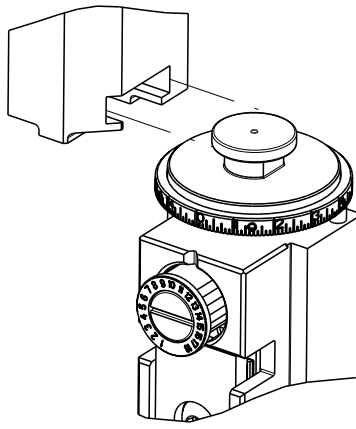


8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150487-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150487-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150487-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150487-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150487-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	6.35 mm [.250]	F
APPLICATOR INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RECEPTACLE, FASTIN- FASTON, .250 SERIES			
WIRE STRIP LENGTH 5.82-6.48 mm [.229-.255 IN]		 INSULATION DIAMETER RANGE Ø4.06-5.33 mm [.160-.210 IN]	
TERMINAL APPLICATION SPECIFICATION 		114-2025 - -	
TERMINALS APPLIED			
TE TERMINAL 60253-1	TE TERMINAL 60253-2	TE TERMINAL 152313-1	TE TERMINAL

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
12 AWG	2.08+/-0.05 [1.082+/- .002]	6.1
2X16AWG	1.91+/-0.05 [1.075+/- .002]	7.9
14 AWG	1.75+/-0.05 [1.069+/- .002]	9.7
16 AWG	1.55+/-0.05 [1.061+/- .002]	11.9



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180. 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)

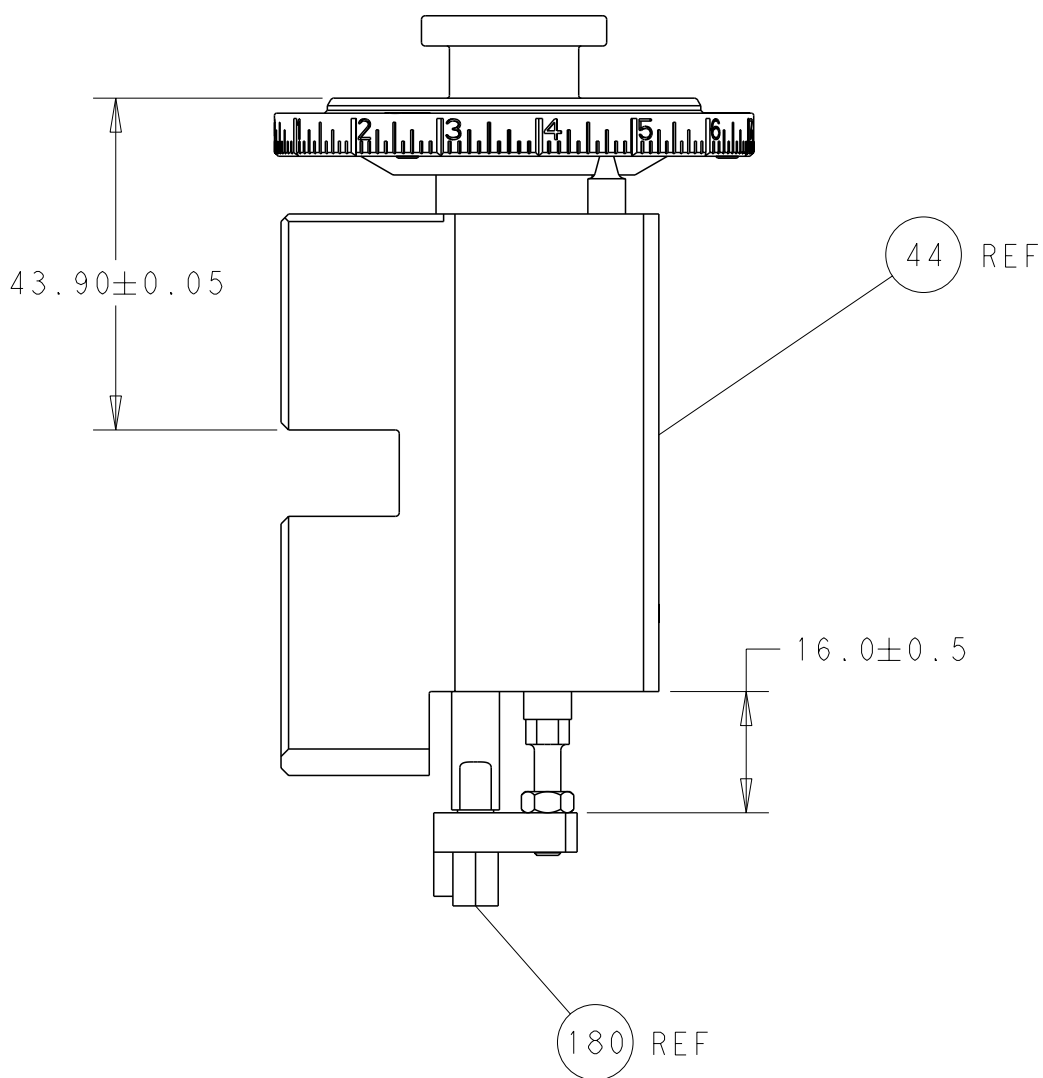
LOC		DIST		REVISONS			
A		66		P	LYR	DESCRIPTION	DATE
					A	RELEASED	29OCT2014
					B	ECR-18-014407	12SEP2018

-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-7	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	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2063440-1	AIR FEED MODULE	238
-	1	1	1	1	1-1752354-3	STANDOFF,HOLD-DOWN	180
-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	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
-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	1	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	2119791-9	DEPRESSOR, WIRE	73
-	1	1	1	1	1803607-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	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	1901681-1	HOLDDOWN, TERMINAL	65
-	2	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	-	1	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	-	1	2063961-1	FEED FINGER	58
-	3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	56
-	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	1	-	2119792-2	PAWL, EF, AIR	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	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
-	1	1	1	1	1803517-1	RAM ASSEMBLY, EF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	7	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1	1	1752371-3	PLATE, STRIP GUIDE	24
-	1	1	1	1	240825-3	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1803292-4	DRAG	20
-	2	2	2	2	1901259-6	GUIDE, LOWER STRIP	18
-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	1	1	1-240641-1	SPACER	16
-	1	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1	1	1	240833-4	PLATE, REAR SHEAR	11
-	-	-	-	-	-	-	10
-	1	1	1	1	2-690495-6	PLATE, FRONT SHEAR	9
-	1	2	2	1	1-1803059-3	ANVIL, COMBINATION, END FEED	8
-	1	1	1	1	1-2217206-3	BLADE, SLUG	7
-	1	1	1	1	1803203-1	BLOCK, FRONT DEPRESSOR	6
-	1	1	1	1	240641-4	SPACER	5
-	1	1	1	1	1-238011-2	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	2-1803016-6	CRIMPER, INSULATION F	3
-	-	-	-	-	-	-	2
-	1	2	2	1	2-456409-8	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77	72	71	2	-1	PART NO	DESCRIPTION
-	-	-	-	-	-	-	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ISSUING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN R. HUANG	10SEP2014	STE TE Connectivity Harrisburg, PA 17105-3608	
				CHK L. ZHANG	10SEP2014		
				APVD J. GUO	10SEP2014	NAME Ocean End Feed Applicator	
DIMENSIONS: mm				PRODUCT SPEC		SIZE A1	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±				APPLICATION SPEC		CASE CODE 00779	
MATERIAL -				WEIGHT -		DRAWING NO C=2150487	
				Customer Accessible Production Drawing		RESTRICTED TO -	
				SCALE 1:1		SHEET 1 of 4	
						REV B	

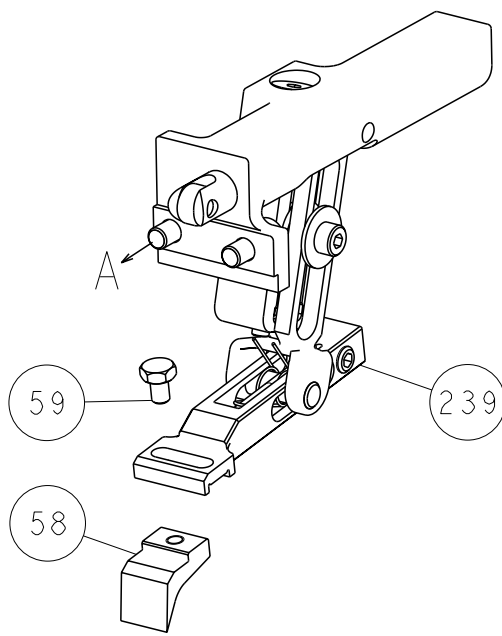
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

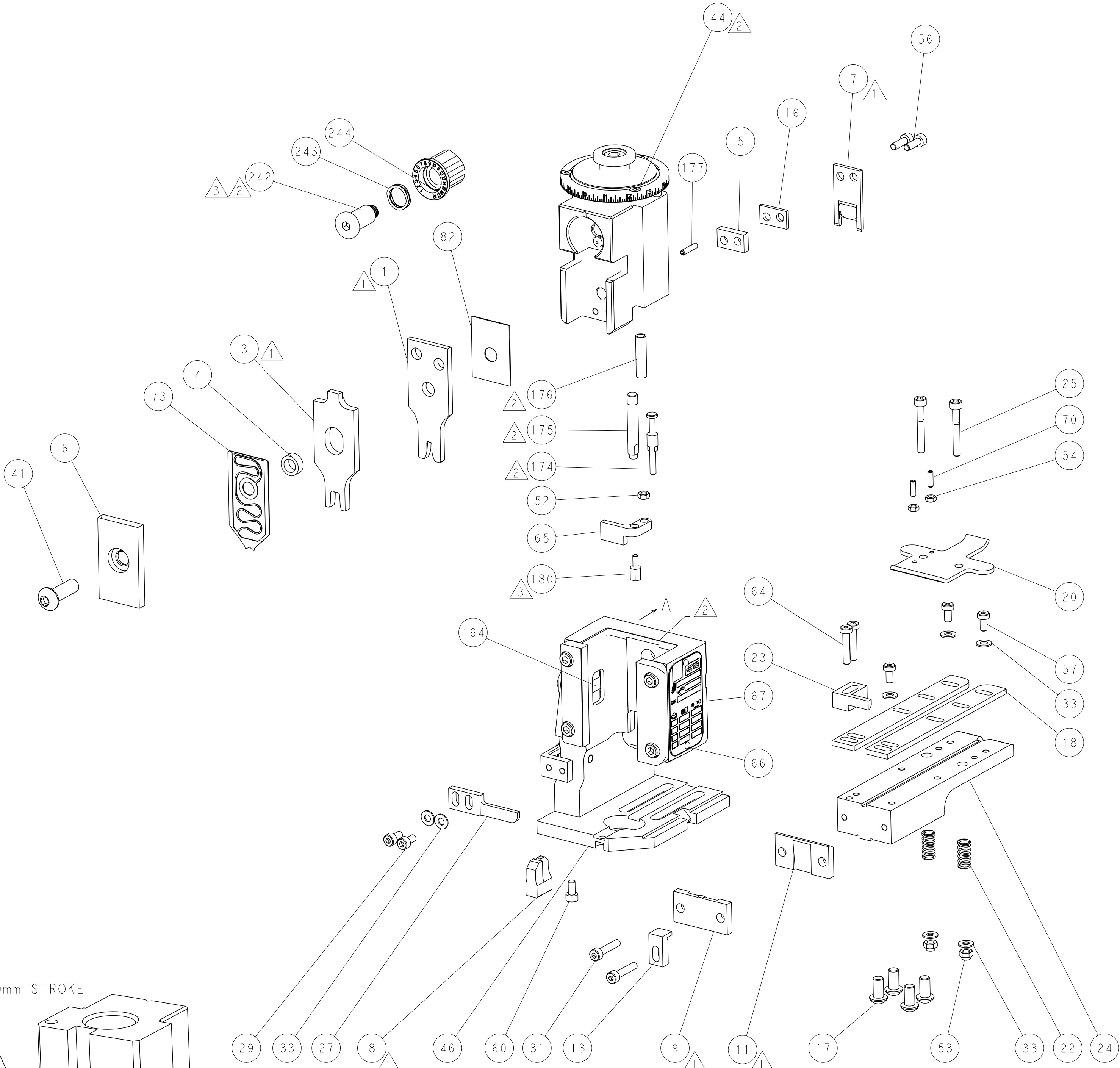
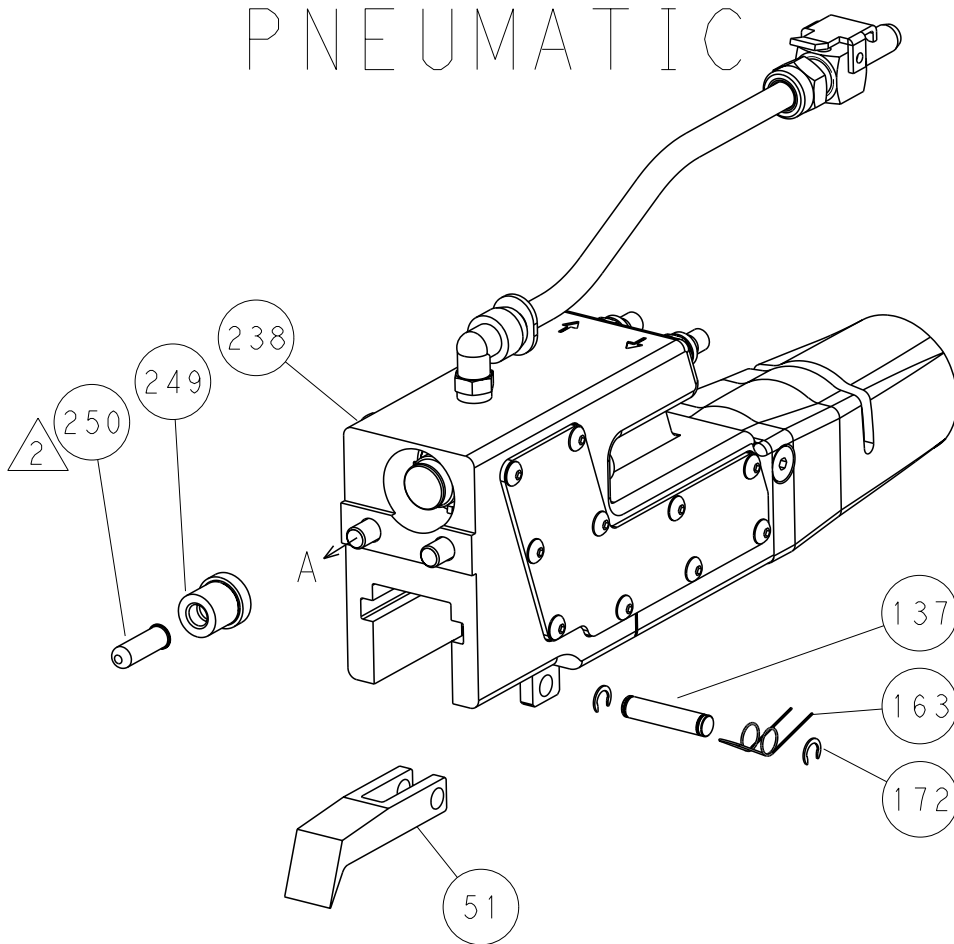


RAM AND HOLDDOWN SET-UP

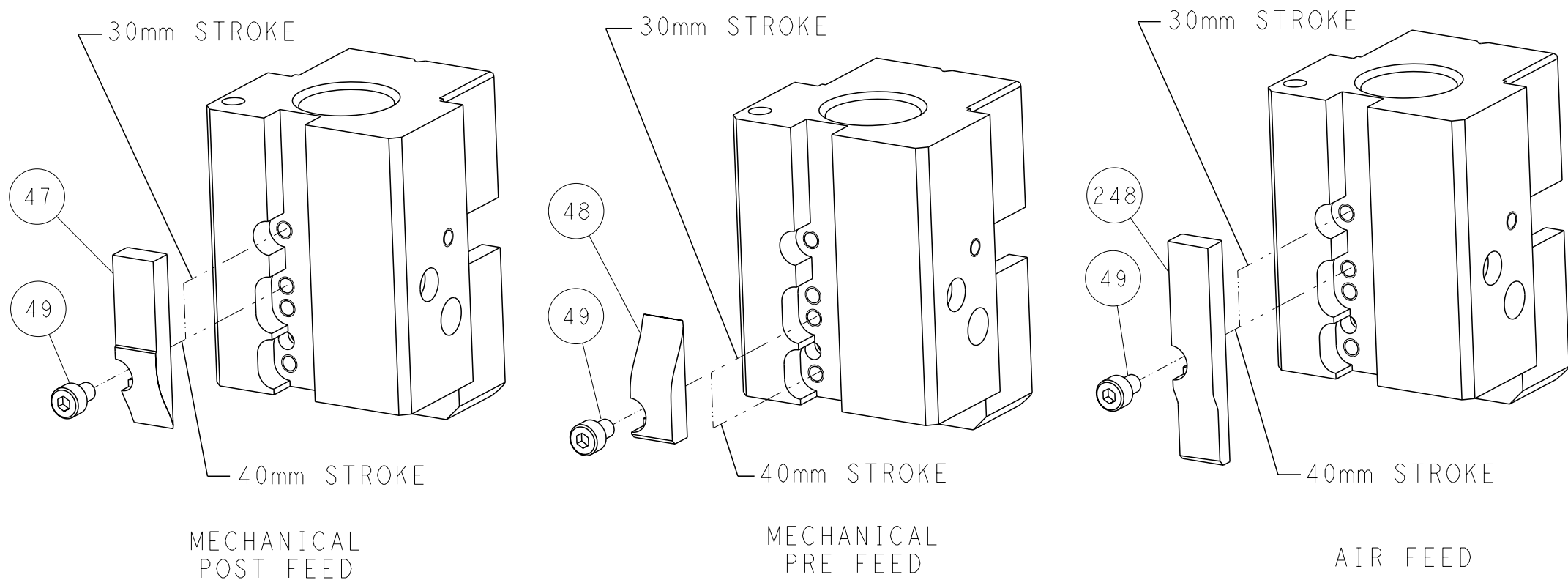
FEED TYPE
MECHANICAL



PNEUMATIC



CAM POSITIONS

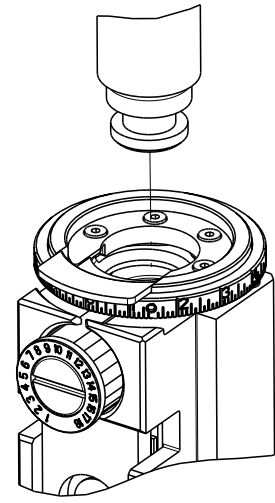


ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

1111 BROWN 1111 IS CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION 1111 IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION				DWN K. HUANG 10SEP2014	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm				CHK L. ZHANG 10SEP2014	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH				APVD U. GUO 10SEP2014	PRODUCT SPEC	
MATERIAL					APPLICATION SPEC	
					WEIGHT	
					Customer Accessible Production Drawing	
					SCALE 1:1	
					SHEET 2 of 4	
					REV B	

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2150487-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2150487-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150487-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	6.35 mm [.250]	F
APPLICATOR INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RECEPTACLE, FASTIN- FASTON, .250 SERIES			
WIRE STRIP LENGTH 5.82-6.48 mm [.229-.255 IN]		INSULATION DIAMETER RANGE Ø4.06-5.33 mm [.160-.210 IN]	
TERMINAL APPLICATION SPECIFICATION		114-2025	
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
60253-1	60253-2	152313-1	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
12 AWG	2.08+/-0.05 [.082+/- .002]	6.1
2X16AWG	1.91+/-0.05 [.075+/- .002]	7.9
14 AWG	1.75+/-0.05 [.069+/- .002]	9.7
16 AWG	1.55+/-0.05 [.061+/- .002]	11.9



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

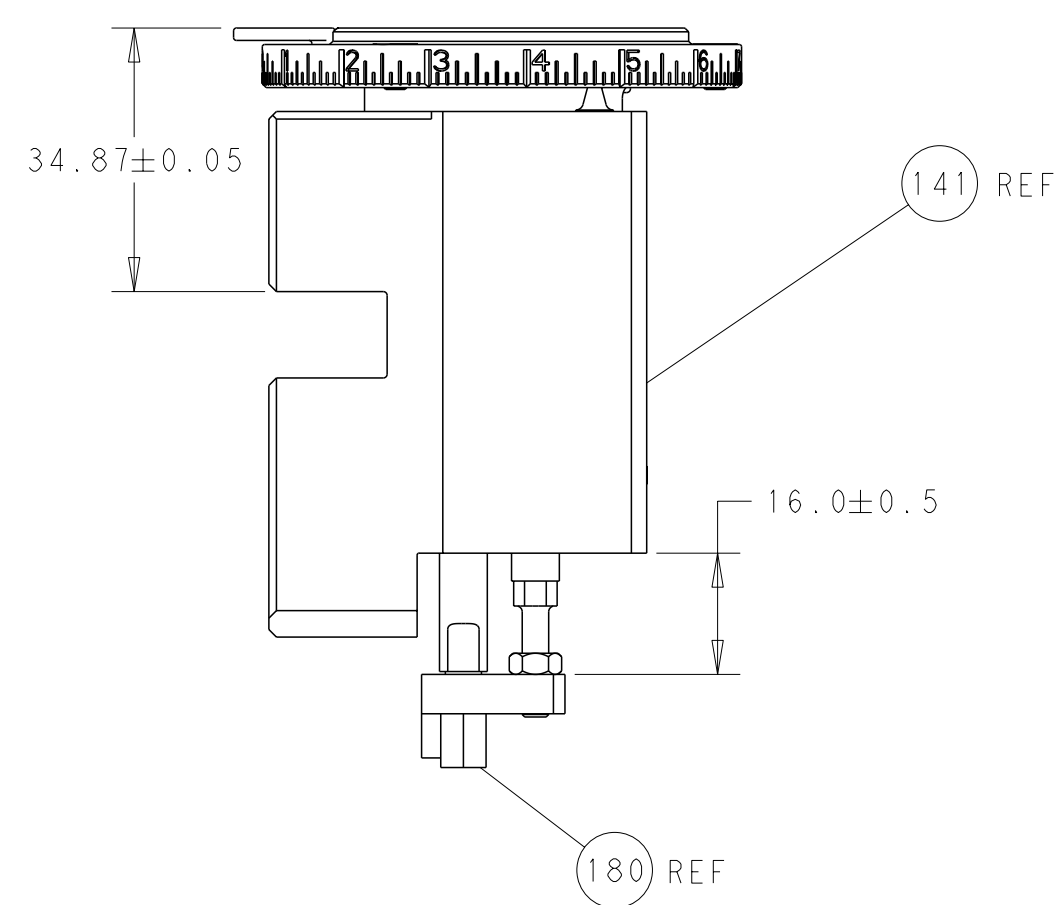
*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING, REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

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				
		#	LYR	DESCRIPTION	DATE	OWN
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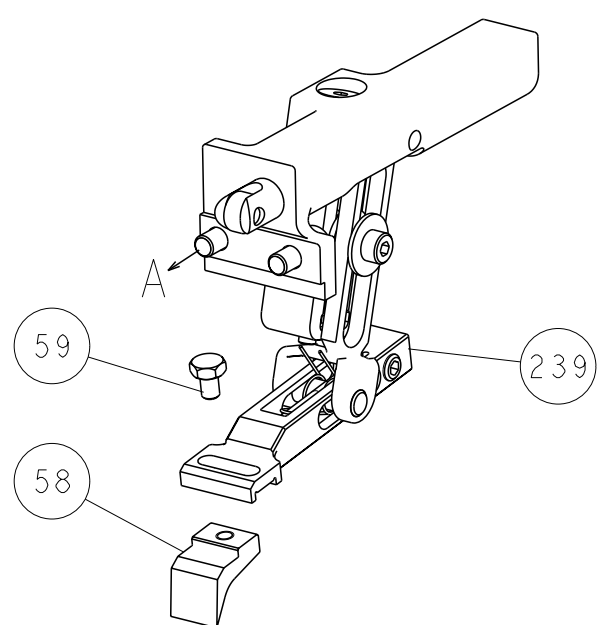
-	1	1	2119640-1	PUSH ROD, AIR FEED	250
-	1	1	1803259-1	BUSHING, FLANGED	249
-	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2063440-1	AIR FEED MODULE	238
-	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
3	-	1	1-1752354-3	STANDOFF,HOLD-DOWN	180
-	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	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
-	2	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REFREF		994970-2	COUNTER, MAGNETIC	164
-	1	1	240638-1	SPRING, FEED FINGER	163
-	1	-	2119641-2	FEED CAM, AIR FEED	152
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1803518-1	RAM ASSEMBLY, EF PACIFIC	140
-	1	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	2119791-9	DEPRESSOR, WIRE	73
-	1	1	1803607-2	DOCUMENTATION PACKAGE	71
-	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1901681-1	HOLDDOWN, TERMINAL	65
-	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-1	FEED FINGER	58
-	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	2119792-2	PAWL, EF, AIR	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
-	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1752371-3	PLATE, STRIP GUIDE	24
-	1	1	240825-3	PLATE, STRIP HOLD DOWN	23
-	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1803292-4	DRAG	20
-	2	2	1901259-6	GUIDE, LOWER STRIP	18
-	1	1	1-240641-1	SPACER	16
-	1	1	1752360-1	SPACER,HOLD-DOWN	13
1	-	1	240833-4	PLATE, REAR SHEAR	11
-	-	-	-	-	10
1	-	1	2-690495-6	PLATE, FRONT SHEAR	9
1	1	1	1-1803059-3	ANVIL, COMBINATION, END FEED	8
1	-	1	1-2217206-3	BLADE, SLUG	7
-	1	1	1803203-1	BLOCK, FRONT DEPRESSOR	6
-	1	1	240641-4	SPACER	5
-	1	1	1-238011-2	BLOCK, CRIMPER SPACER	4
1	1	1	2-1803016-6	CRIMPER, INSULATION F	3
-	-	-	-	-	2
1	1	1	2-456409-8	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-22-21		PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS CONTROLLED. FOR CONTROLLED DRAWINGS, THE LATEST REVISION SHOULD BE CONTACTED FOR THE LATEST REVISION.		OWN R. HUANG CHK L. ZHANG APVD J. GUO	10SEP2014 10SEP2014 10SEP2014	STE TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME Ocean End Feed Appliator	
		PRODUCT SPEC APPLICATION SPEC		SIZE 00779	
MATERIAL -		WEIGHT -		DRAWING NO C=2150487	
		Customer Accessible Production Drawing		SCALE 1:1 SHEET 3 OF 4 REV B	

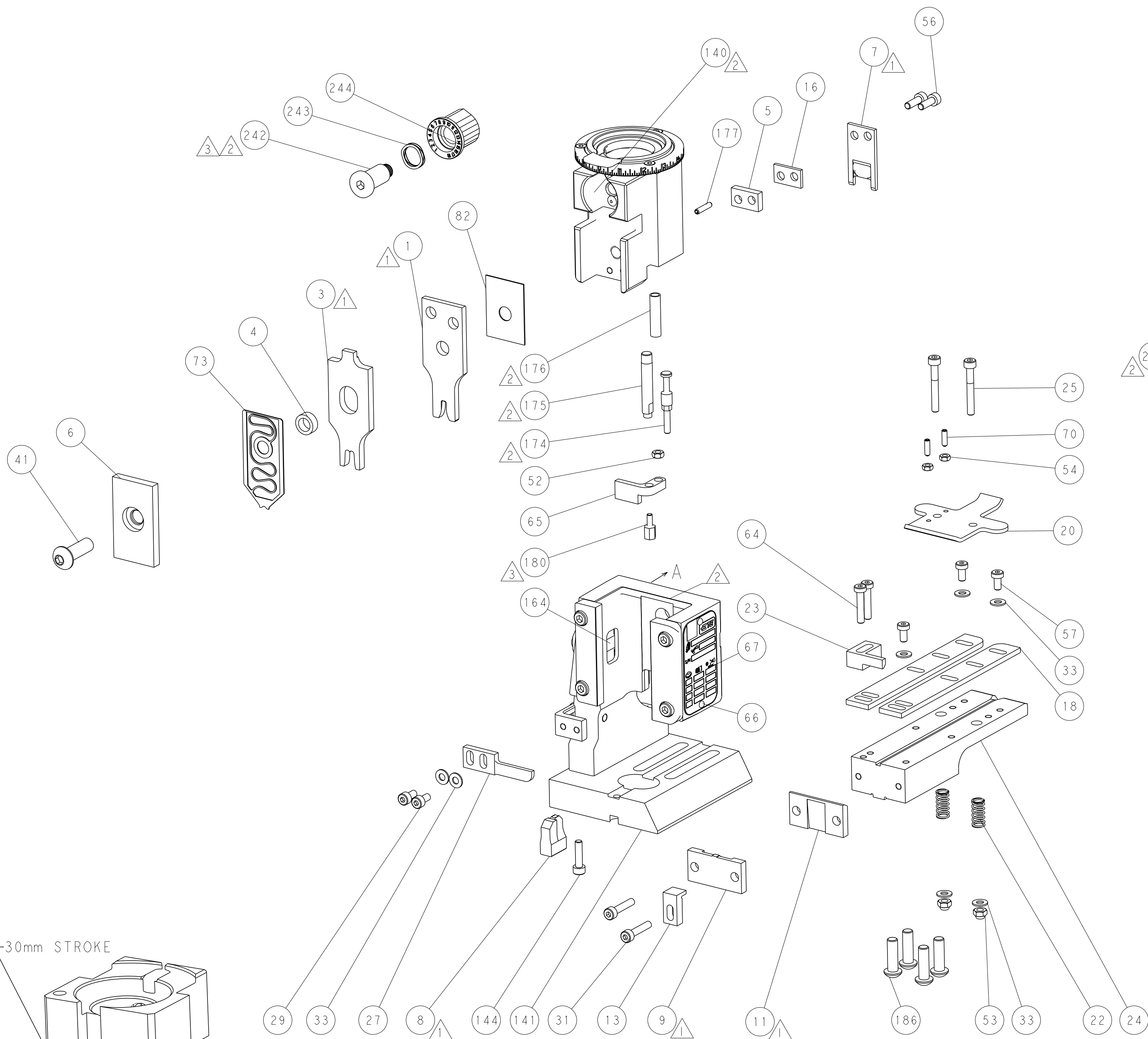
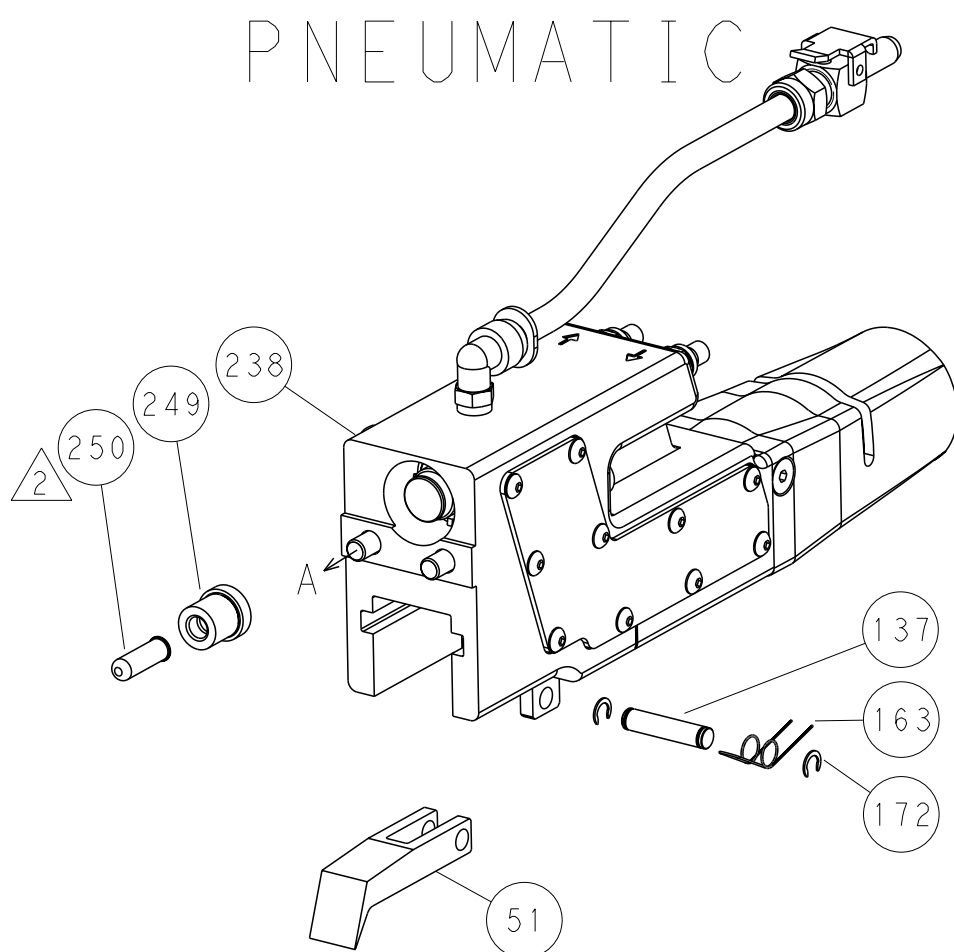


RAM AND HOLDDOWN SET-UP

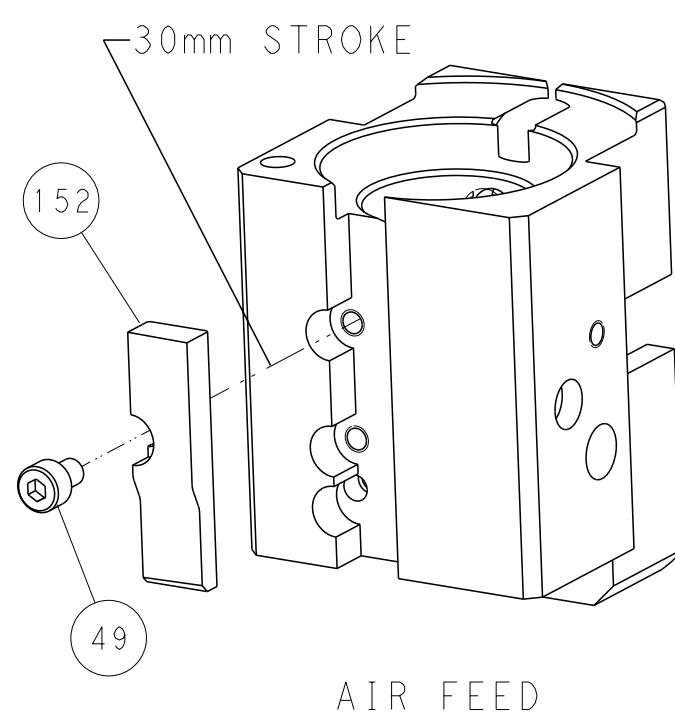
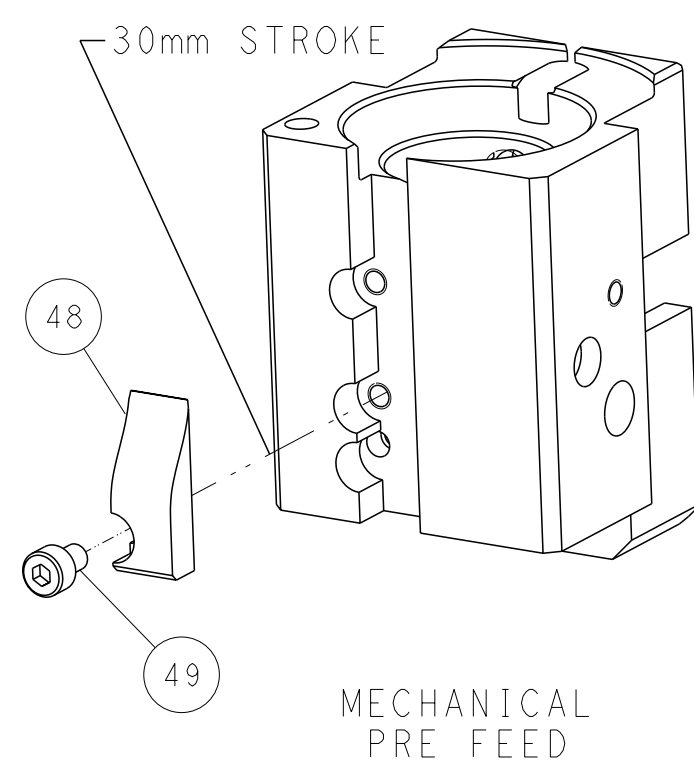
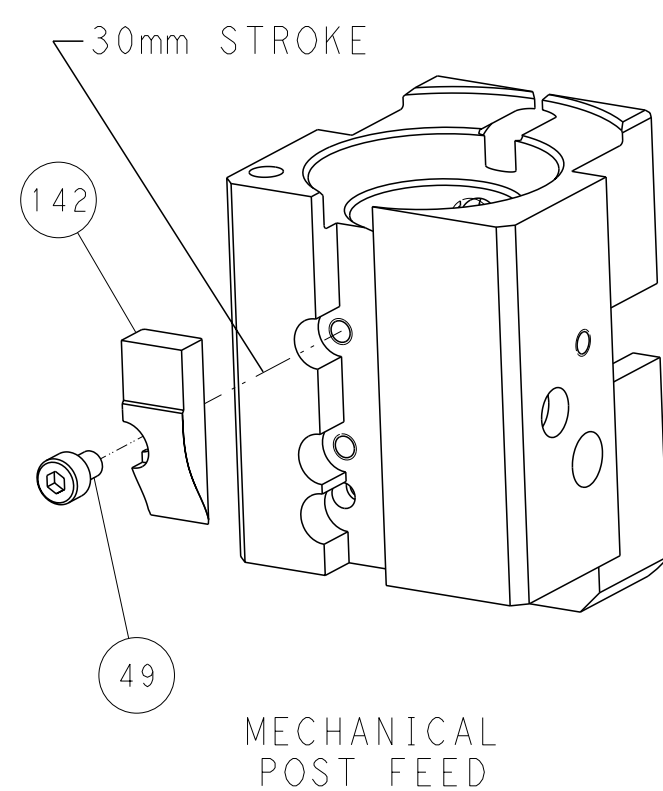
FEED TYPE
MECHANICAL



PNEUMATIC

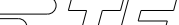


CAM POSITIONS



PACIFIC VERSION

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

THIS DRAWING IS A COMPUTER GENERATED DRAWING FOR TWO ELECTRONIC CONNECTION IT IS SUBJECT TO THE FOLLOWING CONDITIONS: THE COMPANY AND THE CUSTOMER'S REPRESENTATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN K. HUANG 10SEP2014		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME CHK L. ZHANG 10SEP2014 APVD U. GUO 10SEP2014	
		PRODUCT SPEC - APPLICATION SPEC -		Ocean End Feed Applicator -	
MATERIAL FINISH		WEIGHT -		SIZE A 00779	
- -		DRAWING NO C=2150487		RESTRICTED TO -	
Customer Accessible Production Drawing				SCALE 1:1 SHEET 4 of 4 REV B	

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2150487-2](#)