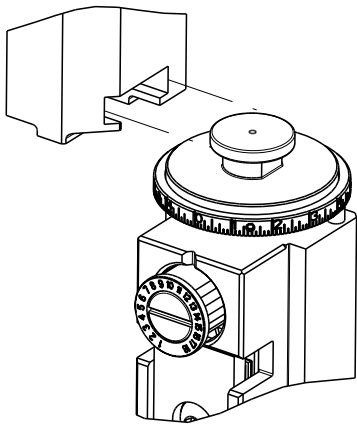


8	7
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RELEASED FOR PUBLICATION	
20	
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PART NUMBER	REVISION
2151138-1	G
2151138-2	G
7-2151138-1	G
7-2151138-2	G
7-2151138-7	A
DESCRIPTION	
FEED TYPE	
FINE CRIMP HEIGHT ADJUST	
MECHANICAL	
FINE CRIMP HEIGHT 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	1.40 mm [.055]	F
INSUL	1.78 mm [.070]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN CONTACT CRIMP-ON SNAP-IN			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.20-3.70 mm [.126-.146 IN]			Ø1.10-1.90 mm [.043-.075 IN]
TERMINAL APPLICATION SPECIFICATION	114-5035	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
170376-1	170376-2	170376-3	170376-4
170262-1	170262-2	170262-3	170262-4
170262-5			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG OR 0.50mm2	0.88+/-0.05 [.035+/- .002]	8.2
22 AWG OR 0.30mm2	0.81+/-0.05 [.032+/- .002]	8.9
24 AWG OR 0.20mm2	0.71+/-0.05 [.028+/- .002]	9.9
26 AWG OR 0.13mm2	0.71+/-0.05 [.028+/- .002]	9.9



- 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.
- 6 ITEM 34 1752356-3 FOR TERMINAL 170262
ITEM 35 1753256-6 FOR TERMINAL 170376

*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)

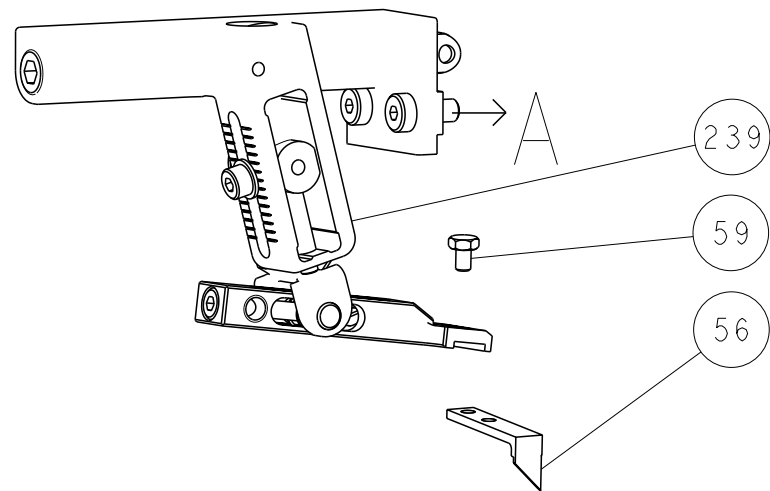
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REVISONS	
P	LYR
DESCRIPTION	
DATE	DWN
APVD	
D	ECR-18-006566
28APR2018	YY
JDG	
E	ECR-18-018166
21NOV2018	KH
LZ	
F	ECR-19-000340
09JAN2019	MZ
YY	
G	ECR-19-014713
19SEP2019	MEH
GB	

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-5	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
-	1	1	1	1	455053-2	PLATE, RETAINING	180
-	1	1	1	1	4-21028-0	PIN, SLOTTED SPRING .094 X .750	177
-	2	2	2	2	1-22278-0	SPRING, COMPRESSION	176
-	1	1	1	1	1803129-1	PLATE, RETAINER	175
-	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	455888-5	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	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	1-2168083-2	SCR, SKT HD CAP, RoHS, M4 X 25	53
-	1	1	1	1	18031-1	SCR, SET, CUP POINT M3 X 5.0	52
-	1	1	1	1	1424303-3	HOLDER, TERMINAL	51
-	1	1	1	1	455052-3	CARRIER, HOLD DOWN	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	1752356-6	SUPPORT, TERMINAL	35
-	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	2-2844962-5	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
-	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	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	1803095-1	FLOATING SHEAR, FRONT	9
1	2	2	1	1	1333201-6	ANVIL, COMBINATION	8
-	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	1-238011-3	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1-2119784-2	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2
1	2	2	1	1	2-456402-4	CRIMPER, WIRE PREMIUM	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

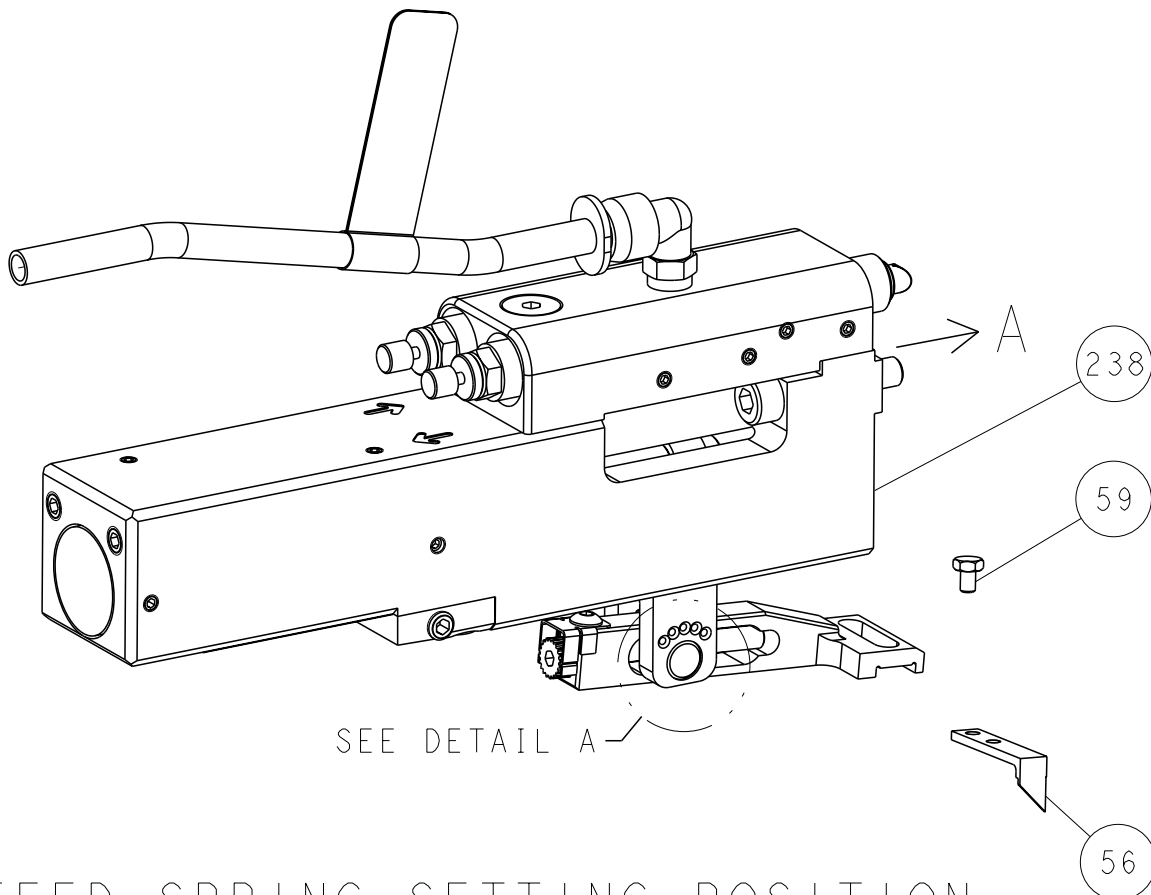
1. THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE DRAWING CONTROLLING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN Y. YIN 07SEP2011		 TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS:				CHK G. BAILEY 07SEP2011		NAME			
mm				APVD S. XI 07SEP2011		Ocean Side Feed Applicator			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC		SIZE CASE CODE DRAWING NO			
0 PLC ±				APPLICATION SPEC					
1 PLC ±				-		RESTRICTED TO			
2 PLC ±				-					
3 PLC ±				-		100779 ©=2151138			
4 PLC ±				-					
ANGLES				FINISH		Customer Accessible Production Drawing			
-				-					
MATERIAL				WEIGHT		SCALE			
-				-		1:2			
						SHEET			
						1 of 4			
						REV			
						G			

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

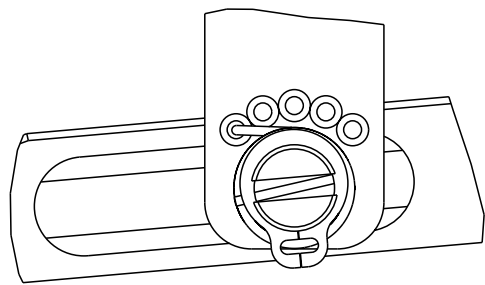
FEED TYPE MECHANICAL



PNEUMATIC

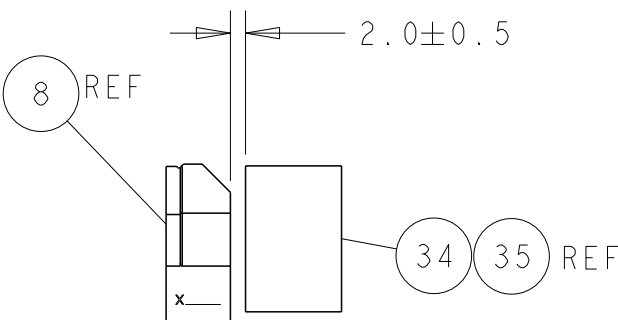
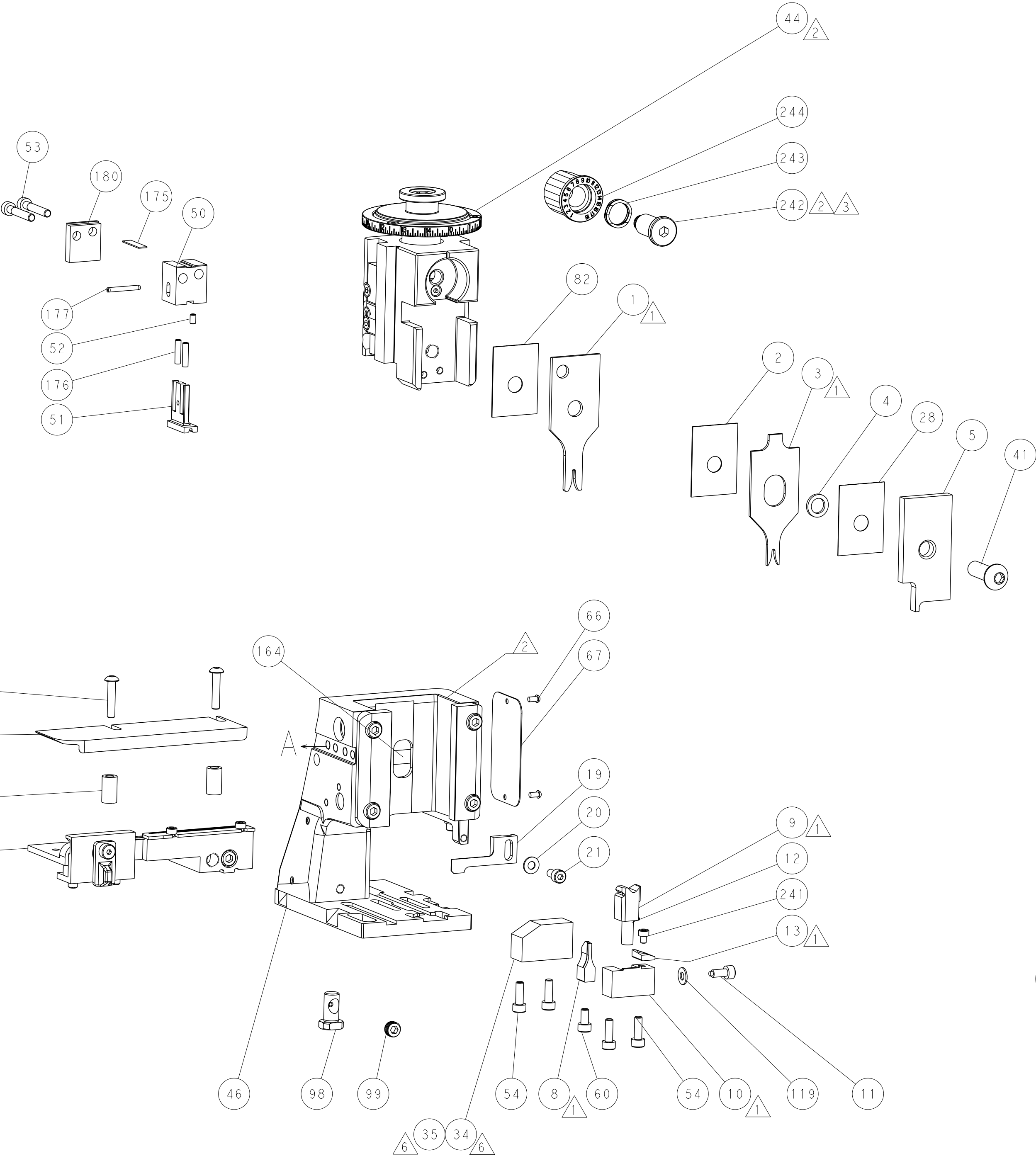
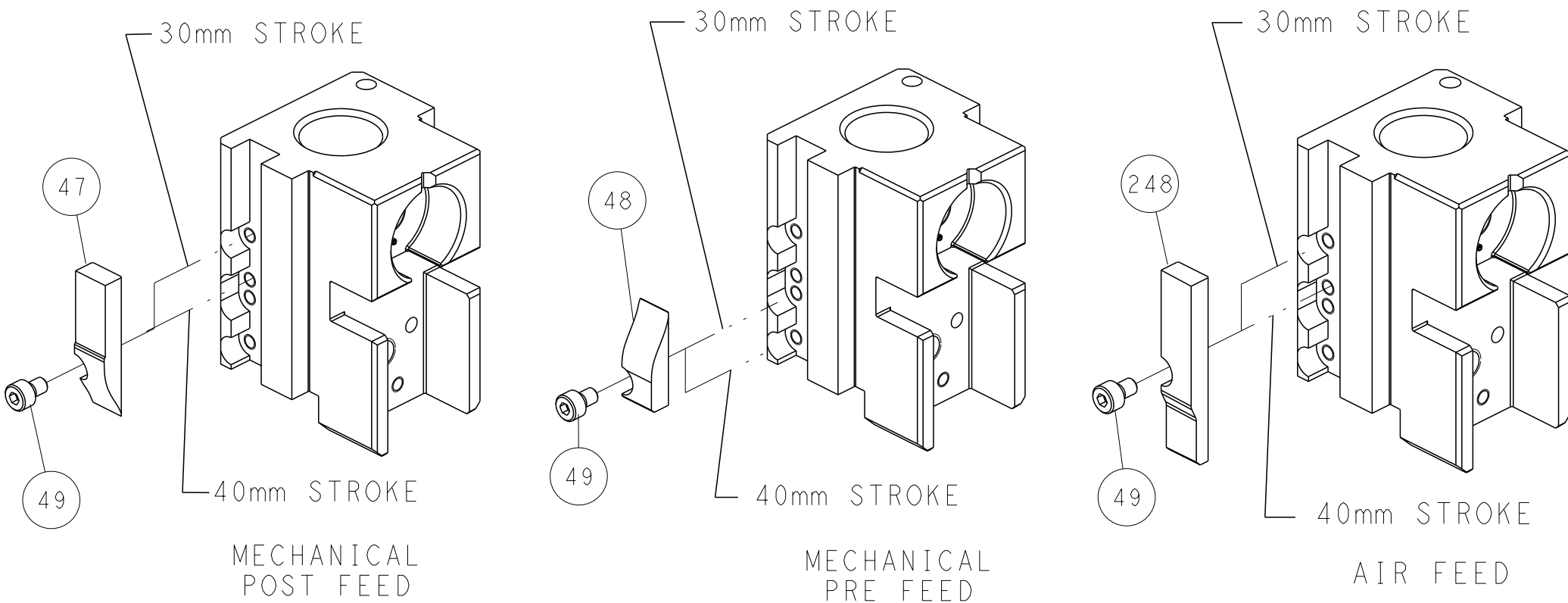


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

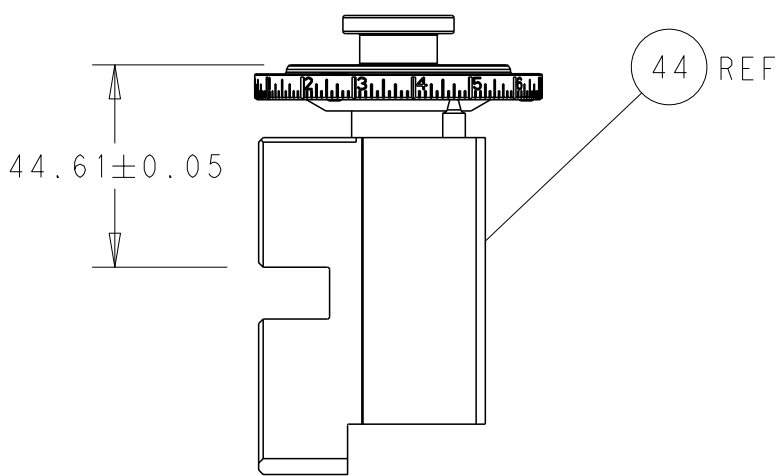


DETAIL A

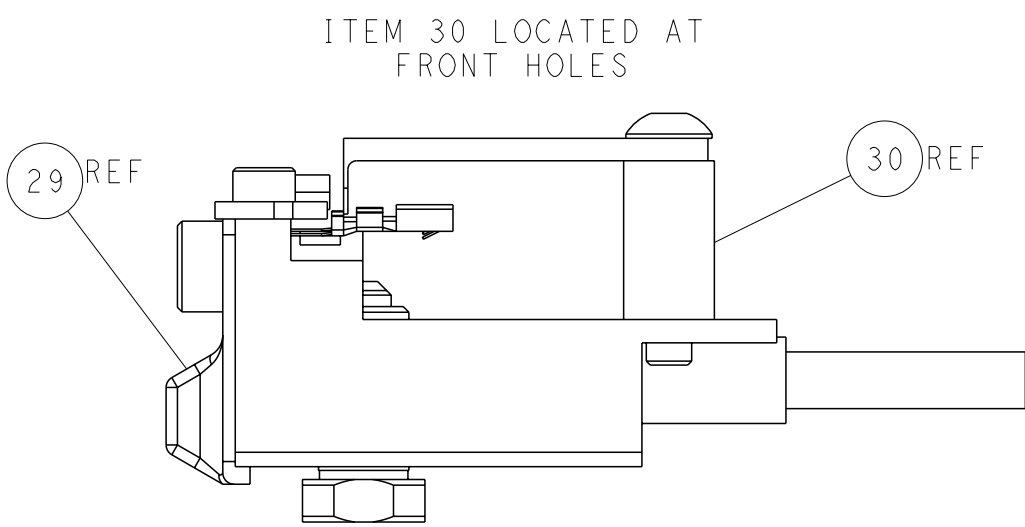
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



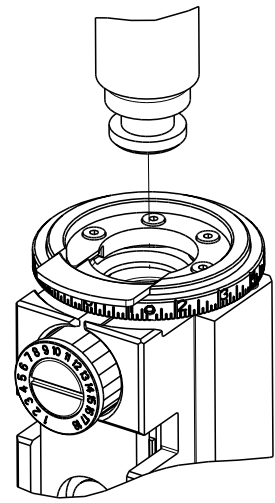
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

1111 DRAWING IS A CONTROLLED DOCUMENT FOR YOUR ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING DEPARTMENT SHALL BE CONTACTED FOR THE LATEST REVISION		DWN Y. YIN	07SEP2011	TE Connectivity Harrisburg, PA 17105-3608	
CHK G. BAILEY		07SEP2011			
APVD S. YI		07SEP2011		NAME Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
0 PLC		±		APPLICATION SPEC	
1 PLC		±		SIZE	
2 PLC		±		CAGE CODE	
3 PLC		±		DRAWING NO	
4 PLC		±		RESTRICTED TO	
ANGLES		±		A1 00779 ©=2151138	
FINISH		-		Customer Accessible Production Drawing	
MATERIAL		-		SCALE 1:2 SHEET 2 of 4 REV G	

8	7	6	5	4	3	2	1
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE				
2-2151138-1	G	FINE CRIMP HEIGHT ADJUST	MECHANICAL				
2-2151138-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC				
7-2151138-7	A	CRIMP TOOLING KIT	-				

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	1.78 mm [.070]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN CONTACT CRIMP-ON SNAP-IN			
WIRE STRIP LENGTH 3.20-3.70 mm [.126-.146 IN]			INSULATION DIAMETER RANGE Ø1.10-1.90 mm [.043-.075 IN]
TERMINAL APPLICATION SPECIFICATION	114-5035	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
170376-1	170376-2	170376-3	170376-4
170262-1	170262-2	170262-3	170262-4
170262-5			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG OR 0.50mm2	0.88+/-0.05 [.035+/- .002]	8.2
22 AWG OR 0.30mm2	0.81+/-0.05 [.032+/- .002]	8.9
24 AWG OR 0.20mm2	0.71+/-0.05 [.028+/- .002]	9.9
26 AWG OR 0.13mm2	0.71+/-0.05 [.028+/- .002]	9.9



- ⚠ 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.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- ⚠ ITEM 34 1752356-3 FOR TERMINAL 170262
ITEM 35 1752356-6 FOR TERMINAL 170376

*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.

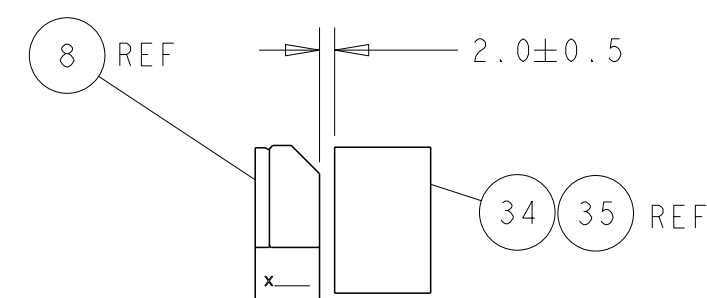
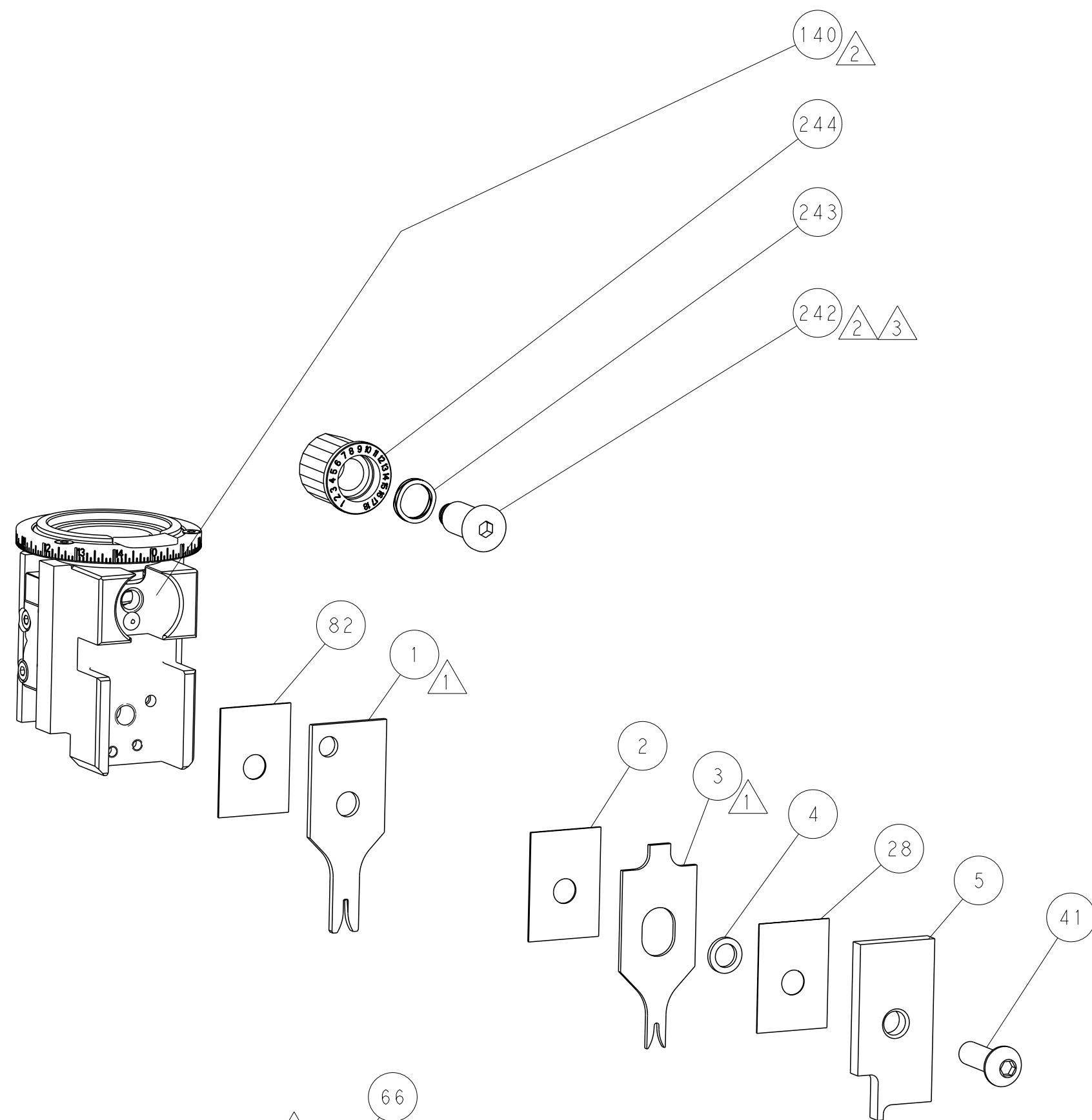
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

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

	-	1	1	2119082-5	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	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
	-	1	1	455053-2	PLATE, RETAINING	180
	-	1	1	4-21028-0	PIN, SLOTTED SPRING .094 X .750	177
	-	2	2	1-22278-0	SPRING, COMPRESSION	176
	-	1	1	1803129-1	PLATE, RETAINER	175
	-	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	455888-5	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	1338685-1	PAWL, FEED	56
	-	2	2	1-2168083-2	SCR, SKT HD CAP, RoHS, M4 X 25	53
	-	1	1	18031-1	SCR, SET, CUP POINT M3 X 5.0	52
	-	1	1	1424303-3	HOLDER, TERMINAL	51
	-	1	1	455052-3	CARRIER, HOLD DOWN	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
6	-	1	1	1752356-6	SUPPORT, TERMINAL	35
6	-	1	1	1752356-3	SUPPORT, TERMINAL	34
	-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2-2844962-5	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	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1803095-1	FLOATING SHEAR, FRONT	9
1	1	1	1	1333201-6	ANVIL, COMBINATION	8
	-	1	1	2119757-4	DEPRESSOR, SHEAR	5
	-	1	1	1-238011-3	BLOCK, CRIMPER SPACER	4
1	1	1	1	1-2119784-2	CRIMPER, INSULATION O PREMIUM	3
	-	1	1	455888-5	SPACER, CRIMPER	2
1	1	1	1	2-456402-4	CRIMPER, WIRE PREMIUM	1
	-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

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DIMENSIONS:		CHK G.BAILEY	07SEP2011	NAME	
mm		APVD S. XI	07SEP2011	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		REV	
4 PLC ±		1:2		3 of 4	
ANGLES		F INISH		G	
-		-		-	

This diagram shows an exploded view of a mechanical assembly. The components are identified by numbered callouts: 50 (a rectangular block with two circular features), 51 (a vertical support structure), 52 (a small square component), 53 (a set of three cylindrical pins), 175 (a small horizontal plate), 176 (a vertical pin), 177 (a horizontal pin), and 180 (a square plate with two circular features). The components are arranged to show their relative positions and how they fit together.



35.58 ± 0.05

140 REF

30mm STROKE

142

49

MECHANICAL POST FEED

30mm STROKE

48

49

MECHANICAL PRE FEED

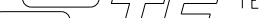
30mm STROKE

151

49

AIR FEED

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

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DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± ANGLES ± FINISH		NAME Ocean Side Feed Applicator PRODUCT SPEC - APPLICATION SPEC - SIZE CASE CODE DRAWING NO A 00779 C=2151138 WEIGHT - RESTRICTED TO -	
MATERIAL -		Customer Accessible Production Drawing		SCALE 1:2 SHEET 4 of 4 REV G	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2151138-1](#)