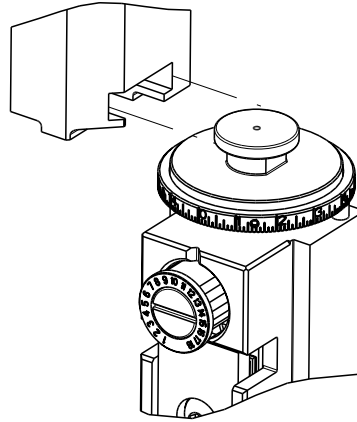


8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151753-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151753-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151753-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151753-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151753-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.58 mm [.062]	F
INSUL	2.03 mm [.080]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN RECEPTACLE, .030 DIA.			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.17-3.43 mm [.125-.135 IN]			Ø1.22-1.80 mm [.048-.071 IN]
TERMINAL APPLICATION SPECIFICATION		114-2083	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1742980-1	60348-4	60373-4	42428-5
42428-6	42428-8		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG	1.17+/-0.05 [.046+/- .002]	9.2
22 AWG	1.09+/-0.05 [.043+/- .002]	10.0
24 AWG	1.02+/-0.05 [.040+/- .002]	10.7



- 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 ITEMS 50. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 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)

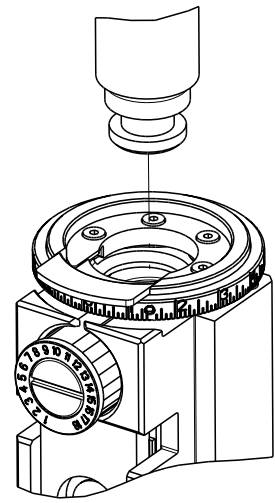
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LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		ECR-14-011594	31JUL2014	RK	GB
		C		ECR-17-000578	13JAN2017	TB	GB
		D		ECR-19-017839	18NOV2019	FJ	TE

-	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
-	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	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	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
-	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	455888-4	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
-	2	2	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	1	1	1	1-1752354-5	STANDOFF,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	1803515-3	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	3-1752356-4	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-6	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
-	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	454276-5	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1-1633927-1	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	3-238011-3	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	5-1633961-6	CRIMPER, INSULATION F PREMIUM	3
-	-	-	-	-	-	-	2
-	1	2	2	1	1-456403-6	CRIMPER, WIRE 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 ENGINEERING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN	HOFFNER	30AUG2012	TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS:				CHK	T.ELBIN	31AUG2012	NAME			
mm				APVD	T.ELBIN	31AUG2012	Ocean Side Feed Applicator			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC			SIZE CASE CODE DRAWING NO RESTRICTED TO			
0 PLC ±				APPLICATION SPEC						
1 PLC ±										
2 PLC ±										
3 PLC ±										
4 PLC ±										
ANGLES ±										
FINISH				WEIGHT						
MATERIAL							A1 00779 ©=2151753			
Customer Accessible Production Drawing							SCALE	1:2	SHEET 1 OF 4	REV D

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151753-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151753-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151753-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.58 mm [.062]	F
INSUL	2.03 mm [.080]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION
TERMINAL NAME: PIN RECEPTACLE, .030 DIA.				
WIRE STRIP LENGTH 3.17-3.43 mm [.125-.135 IN]		INSULATION DIAMETER RANGE Ø1.22-1.80 mm [.048-.071 IN]		
TERMINAL APPLICATION SPECIFICATION	114-2083	-	-	-
TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL	
1742980-1	60348-4	60373-4	42428-5	
42428-6	42428-8			

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
20 AWG		1.17+/-0.05 [.046+/- .002]		9.2
22 AWG		1.09+/-0.05 [.043+/- .002]		10.0
24 AWG		1.02+/-0.05 [.040+/- .002]		10.7



- 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 ITEMS 50. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 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	2119082-9	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
-	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	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
-	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
-	2	2	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	455888-4	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
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	1	1-1752354-5	STANDOFF,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
-	1	1	3-1752356-4	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-6	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
-	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	454276-5	FLOATING SHEAR, FRONT	9
1	1	1	2-1633927-1	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	3-238011-3	BLOCK, CRIMPER SPACER	4
1	1	1	5-1633961-6	CRIMPER, INSULATION F PREMIUM	3
-	-	-	-	-	2
1	1	1	1-456403-6	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS CONTROLLED DOCUMENT FOR THE ELECTRICAL CONSTRUCTION IT IS SUBJECT TO CHANGE AND TO BE USED FOR THE LATEST REVISION SHOULD BE CONTACTED FOR THE LATEST REVISION				DWN HOFFNER 30AUG2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:				CHK T.ELBIN 31AUG2012	NAME	
mm				APVD T.ELBIN 31AUG2012	Ocean Side Feed Applicator	
				PRODUCT SPEC	SIZE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC	CAGE CODE	
0 PLC ±				-	DRAWING NO	
1 PLC ±				-	00779	
2 PLC ±				-	©=2151753	
3 PLC ±				-	Customer Accessible Production Drawing	
4 PLC ±				-	SCALE	
ANGLES FINISH				WEIGHT	1:2	
-				-	SHEET 3 OF 4	
-				-	REV D	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

PNEUMATIC



30mm STROKE

142

49

MECHANICAL POST FEED

30mm STROKE

48

49

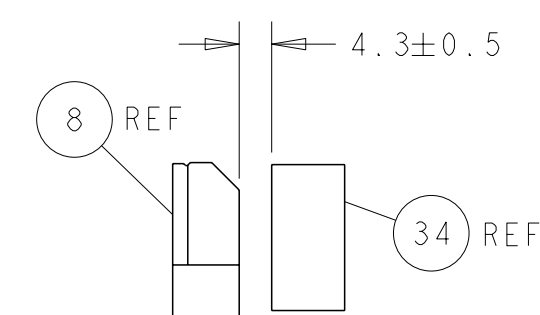
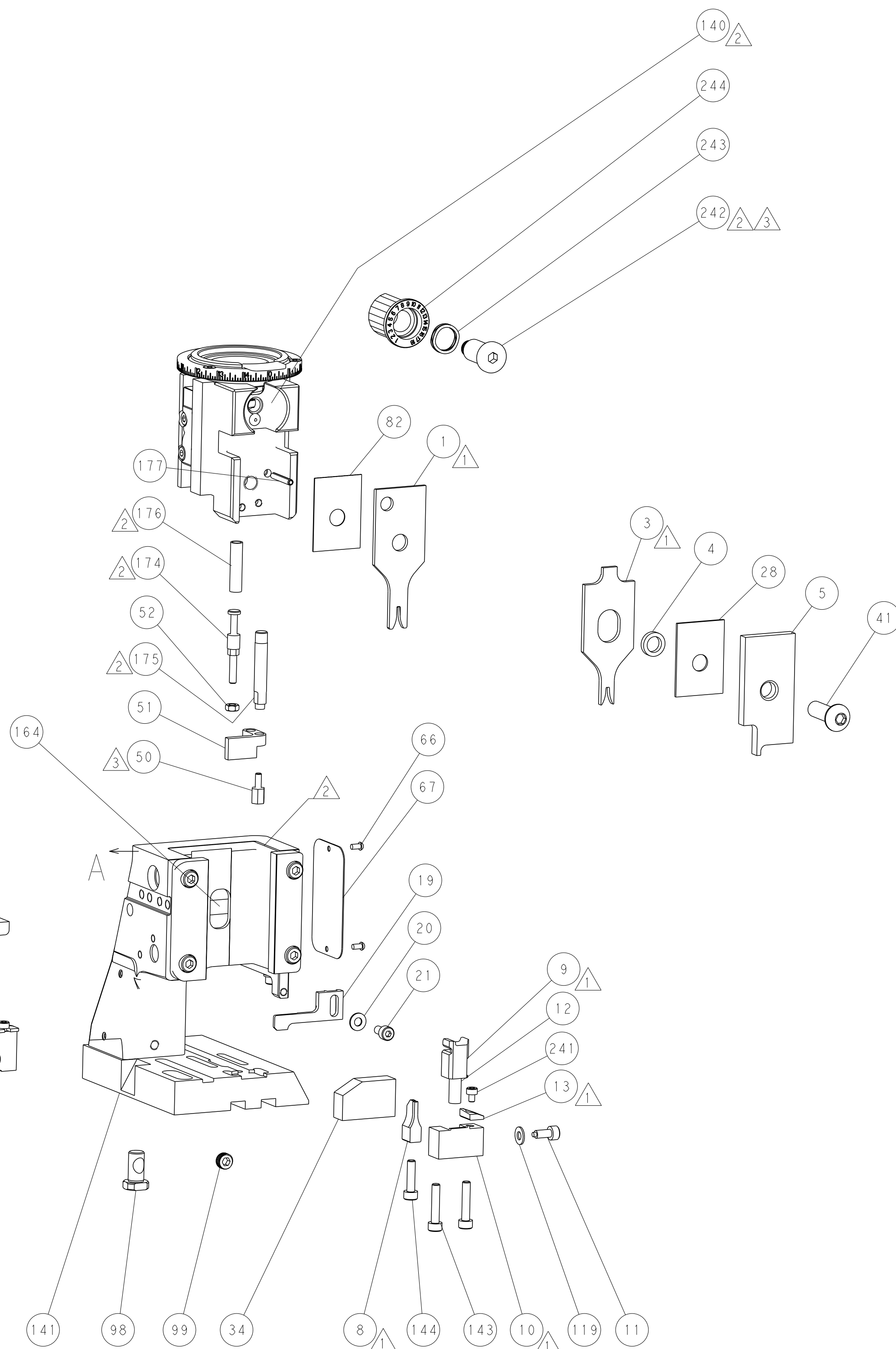
MECHANICAL PRE FEED

30mm STROKE

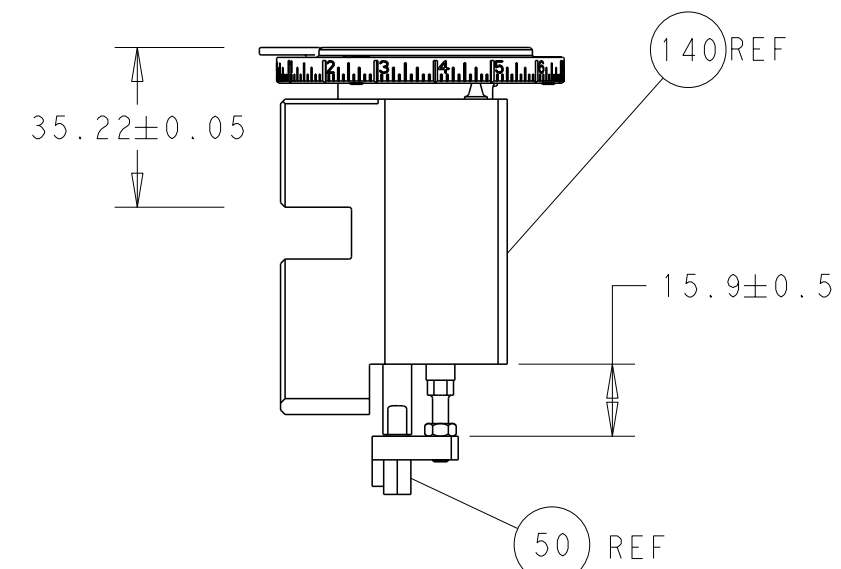
151

49

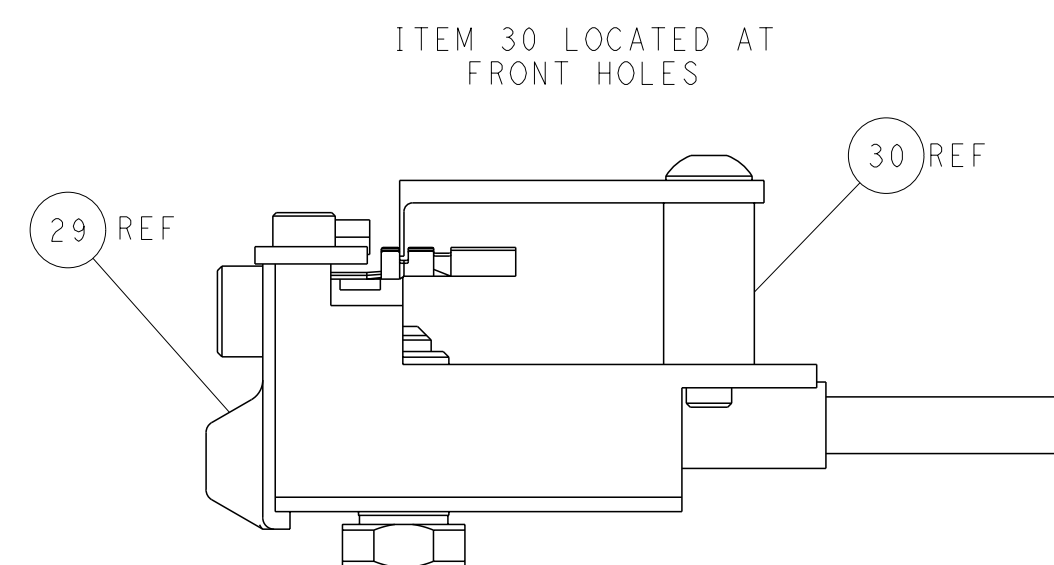
AIR FEED



TERMINAL SUPPORT LOCATION



RAM AND HOLDDOWN SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

THIS DRAWING IS A CONTROLLED DOCUMENT FOR INFO ELECTRONICS CORPORATION 1715 BROADWAY, SUITE 200, HARRISBURG, PA 17105-3608 SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN: 30AUG2012 CHK: HOFFNER T: ELBIN 31AUG2012		 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 Side Feed Applicator -	
		APVD: ELBIN 31AUG2012 PRODUCT SPEC: - APPLICATION SPEC: -		SIZE: A CAGE CODE: 00779 DRAWING NO: C=2151753	
MATERIAL: -		FINISH: - WEIGHT: -		RESTRICTED TO: -	
Customer Accessible Production Drawing				SCALE: 1:2 SHEET: 4 OF 4 REV: D	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[7-2151753-7](#)