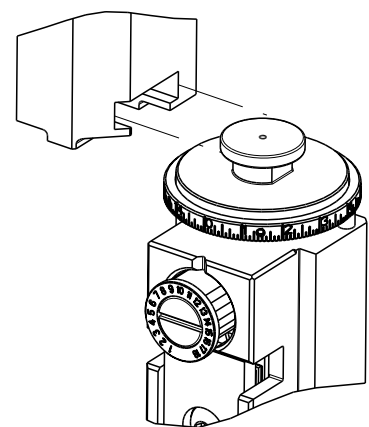


8		7	
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20		20	
(C) COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151157-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151157-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151157-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151157-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151157-7	A	CRIMP TOOLING KIT	-



ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	2.75 mm [.108]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 110 SERIES POSITIVE LOCK EX-III REC CONT.			
WIRE STRIP LENGTH 3.00-4.00 mm [.118-.157 IN]		INSULATION DIAMETER RANGE Ø1.30-2.00 mm [.051-.079 IN]	
TERMINAL APPLICATION SPECIFICATION		114-5229	
TERMINALS APPLIED			
TE TERMINAL 353249-2	TE TERMINAL	TE TERMINAL	TE TERMINAL

WIRE SIZE			CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING 
22 AWG OR	0.31mm2		0.89+/-0.05 [0.35+/-0.02]		4.1
24 AWG OR	0.22mm2		0.85+/-0.05 [0.33+/-0.02]		4.8
26 AWG OR	0.14mm2		0.80+/-0.05 [0.31+/-0.02]		5.0



 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.

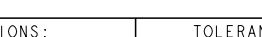
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION

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

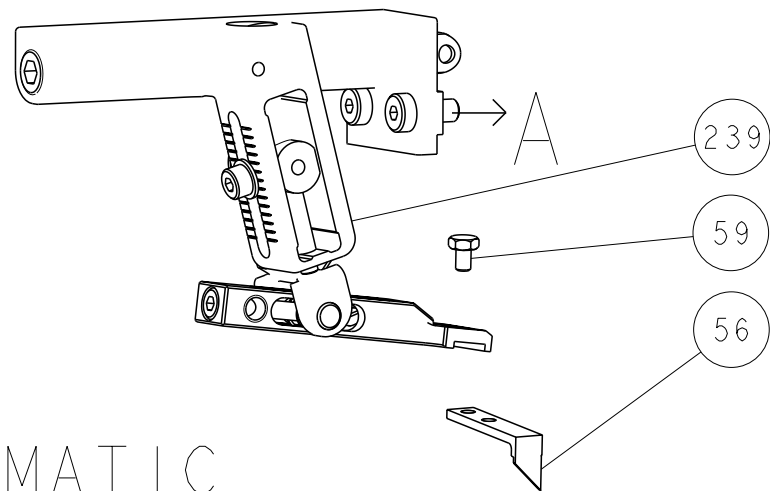
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LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DRN	APRD
			2	DEVELOPMENT	17OCT2011	KH	SX
			3	MODIFY	11SEP2014	KH	UG
			A	RELEASED	06NOV2014	JH	JT
			B	ECR-19-015187	27SEP2019	FJ	TE

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-4	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	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	1962431-2	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	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-6	SPACER, TONKER	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	2844992-1	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	2119533-1	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	1-356885-3	STOP, SHEAR	11
-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1633861-1	SHEAR, FLOATING	9
1	2	2	1	1	3-1633917-5	ANVIL, COMBINATION	8
-	1	1	1	1	3-240641-4	SPACER	7
-	1	1	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	1	1	2-238011-5	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	2119582-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-7	SPACER, CRIMPER	2
1	2	2	1	1	1-456402-0	CRIMPER, WIRE PREMIUM	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

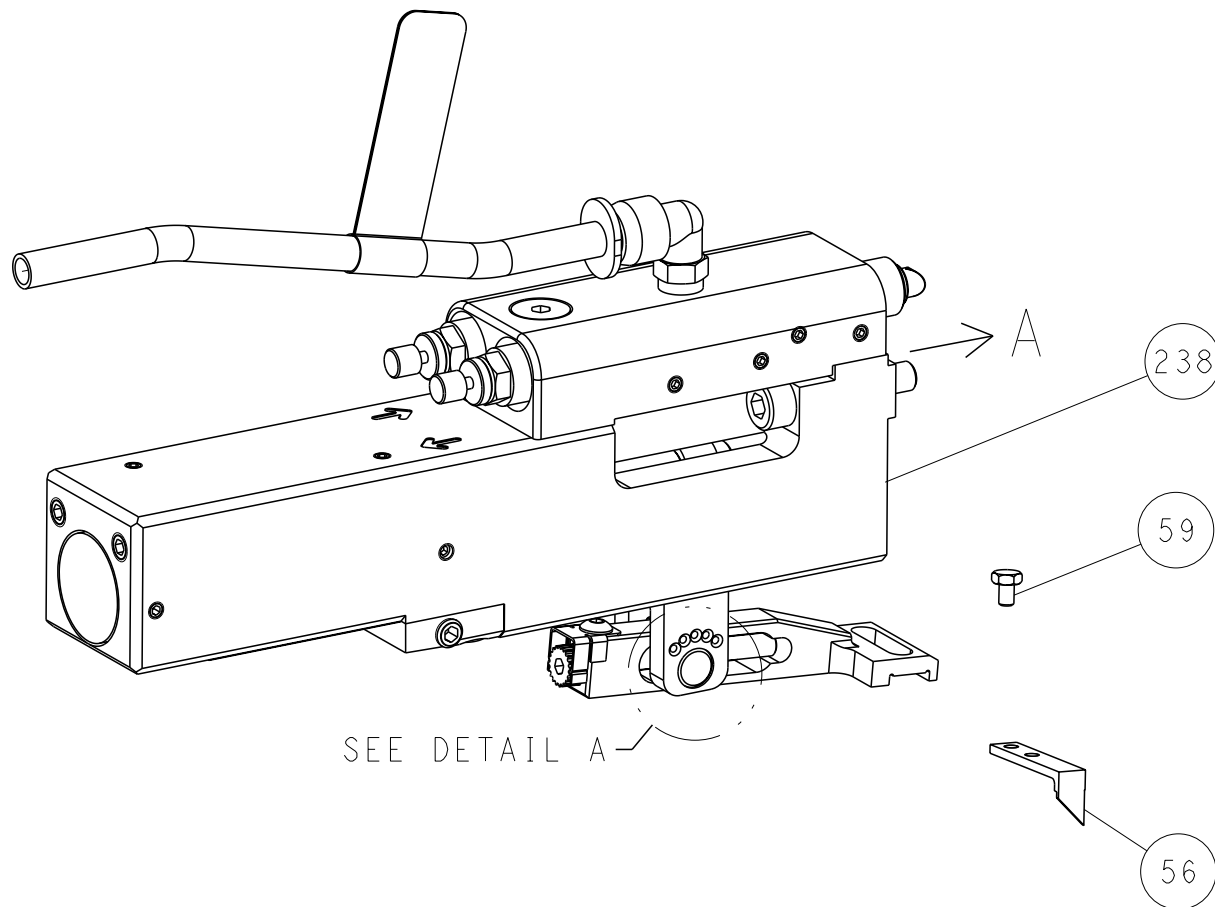
THIS DRAWING IS TO BE USED FOR THE DESIGN OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE EQUIPMENT.		DWG K. HUANG 170CT2011		 TE Connectivity Harrisburg, PA 17105-3608	
		CHK S. LI 170CT2011			
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .1$ 1 PLC ± 0.5 2 PLC ± 0.13 3 PLC ± 0.013 4 PLC ± 0.0001		NAME Ocean Side Feed Applicator	
		APPLICATOR 1 CRUZ 170CT2011		PRODUCT SPEC	
		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A 00779 C=2151157	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
FINISH -		CUSTOMER ACCESSIBLE PRODUCTION PROGRAM -		SCALE 1:2 SHEET 1 OF 4 REV B	

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

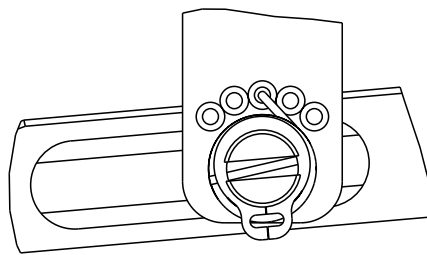
FEED TYPE
MECHANICAL



PNEUMATIC

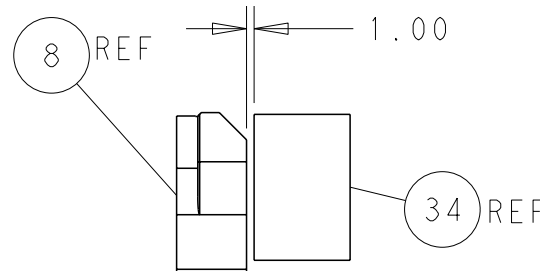
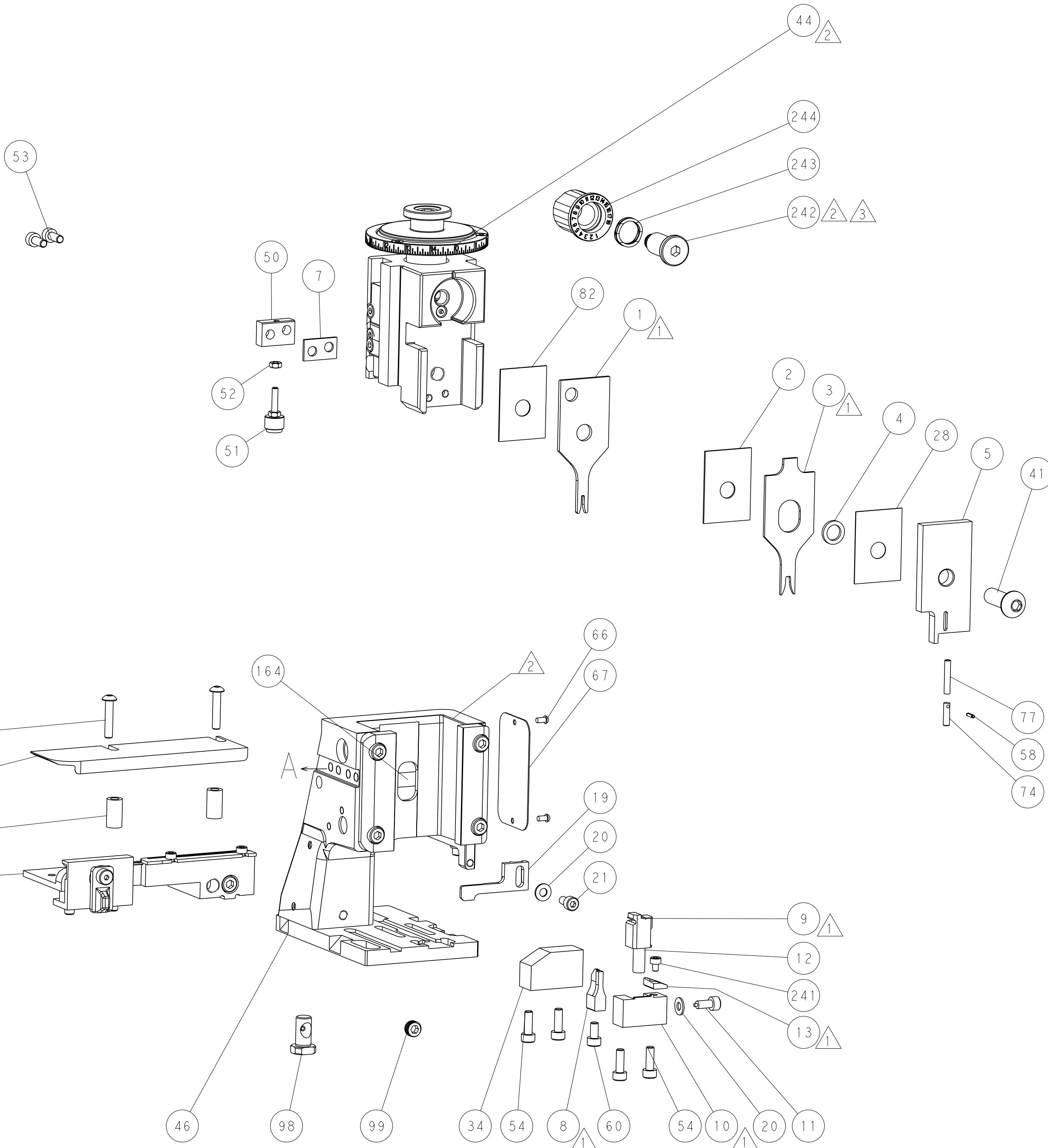
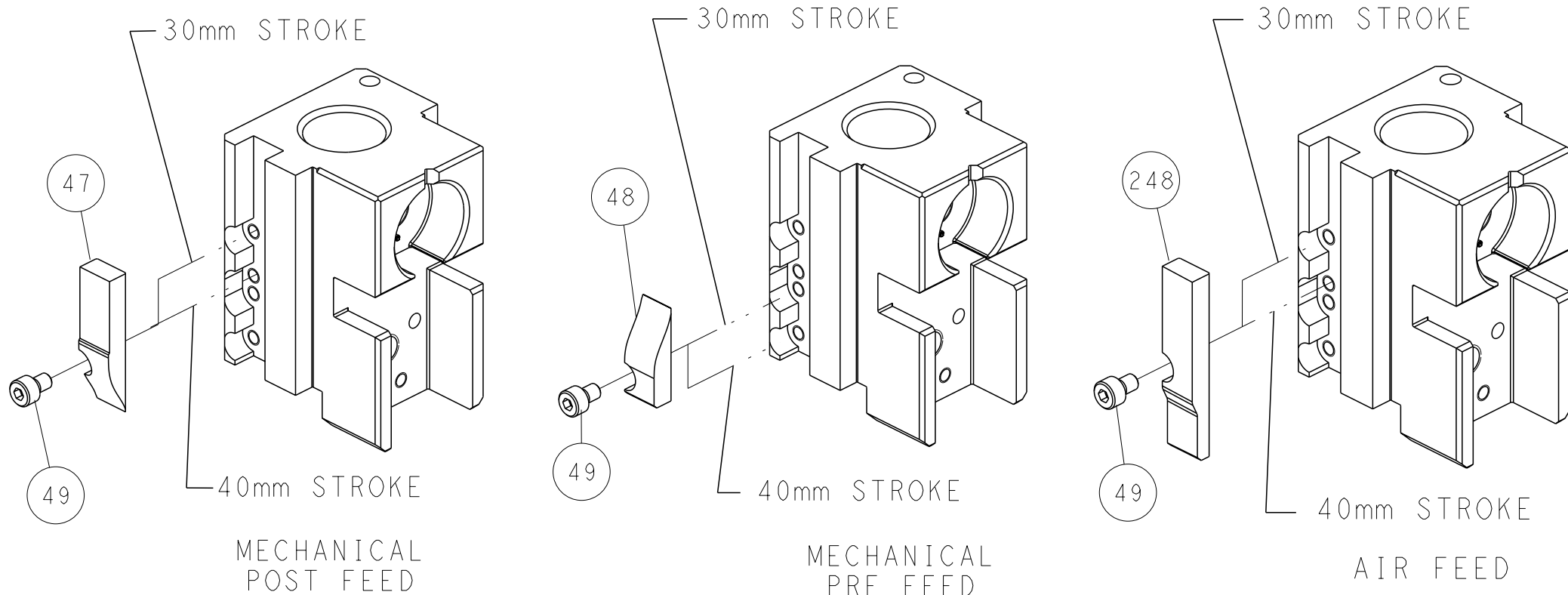


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

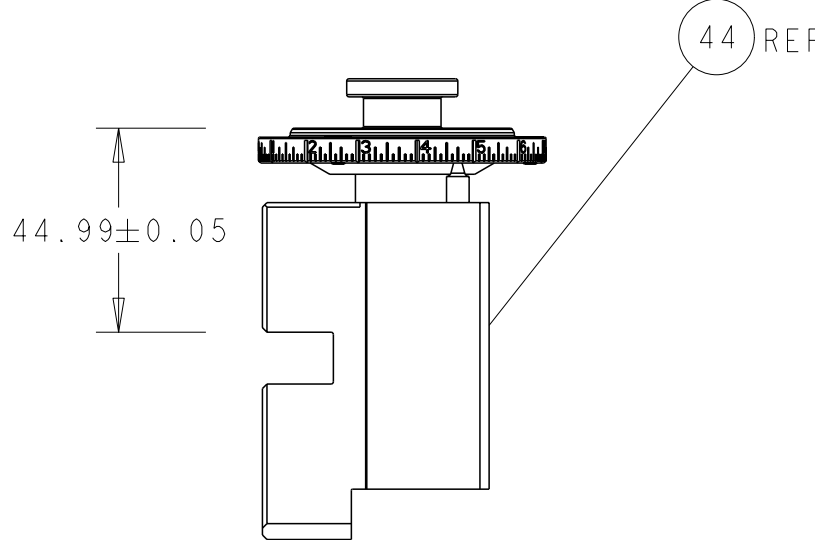


DETAIL A

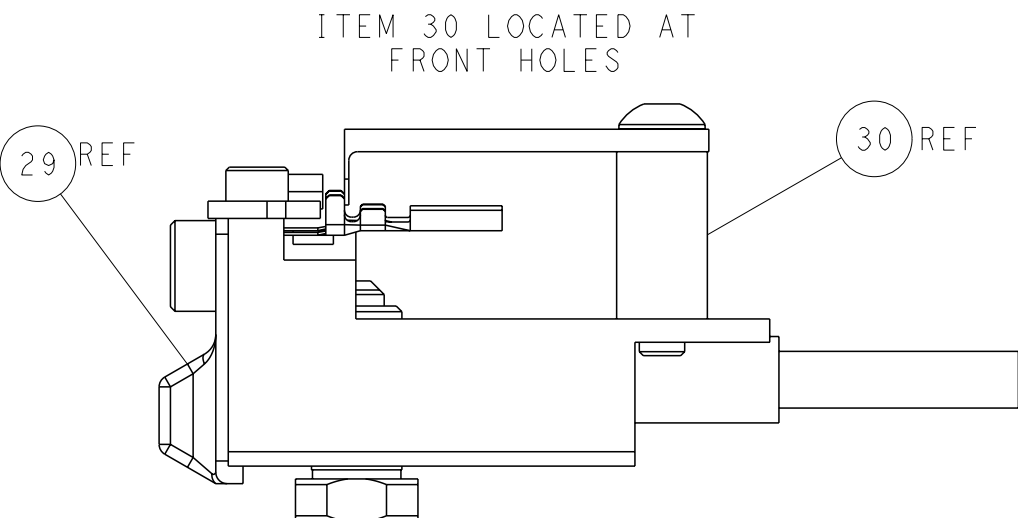
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



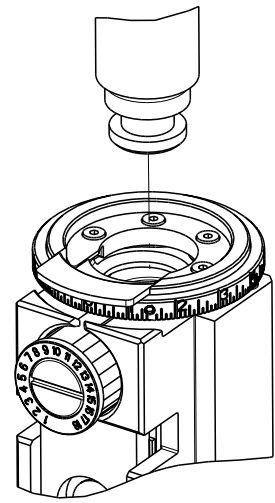
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

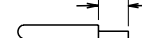
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND TO CONTROL AND ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN K. HUANG	17OCT2011	TE Connectivity Harrisburg, PA 17105-3608	
				CHK S. XI	17OCT2011		
				APVD J. CRUZ	17OCT2011	NAME Ocean Side Feed Applicator	
				PRODUCT SPEC		SIZE A1	
				APPLICATION SPEC		CAGE CODE 00779	
				WEIGHT		DRAWING NO 2151157	
				Customer Accessible Production Drawing		RESTRICTED TO	

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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151157-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151157-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151157-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	2.75 mm [.108]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 110 SERIES POSITIVE LOCK EX-III REC CONT.			
WIRE STRIP LENGTH 3.00-4.00 mm [.118-.157 IN]			INSULATION DIAMETER RANGE Ø1.30-2.00 mm [.051-.079 IN]
TERMINAL APPLICATION SPECIFICATION		114-5229	-
APPLICATION SPECIFICATION		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
353249-2			

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
22 AWG OR 0.31mm2		0.89+/-0.05 [.035+/- .002]		4.1
24 AWG OR 0.22mm2		0.85+/-0.05 [.033+/- .002]		4.8
26 AWG OR 0.14mm2		0.80+/-0.05 [.031+/- .002]		5.0



- △ 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.

*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	LYR	DESCRIPTION	DATE	OWN
			-	SEE SHEET 1	-	-

-	1	1	2119082-4	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
-	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	1962431-2	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	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	690753-6	SPACER, TONKER	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	2844992-1	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	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-3	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1633861-1	SHEAR, FLOATING	9
1	1	1	3-1633917-5	ANVIL, COMBINATION	8
-	1	1	3-240641-4	SPACER	7
-	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	2-238011-5	BLOCK, CRIMPER SPACER	4
1	1	1	2119582-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-7	SPACER, CRIMPER	2
1	1	1	1-456402-0	CRIMPER, WIRE PREMIUM	1

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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		OWN R. HUANG	17OCT2011	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK S. XI	17OCT2011		
		APVD J. CRUZ	17OCT2011	NAME Ocean Side Feed Applicator	
		PRODUCT SPEC		SIZE 00779	
MATERIAL -		APPLICATION SPEC		CAGE CODE 00779	
		FINISH -		DRAWING NO 00779	
		WEIGHT -		RESTRICTED TO -	
		Customer Accessible Production Drawing		SCALE 1:2	
				SHEET 3	
				OF 4	
				REV B	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

D

C

B

A

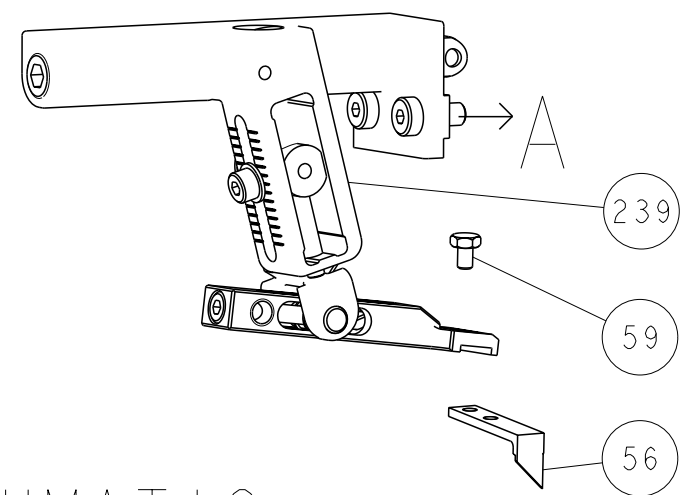
D

C

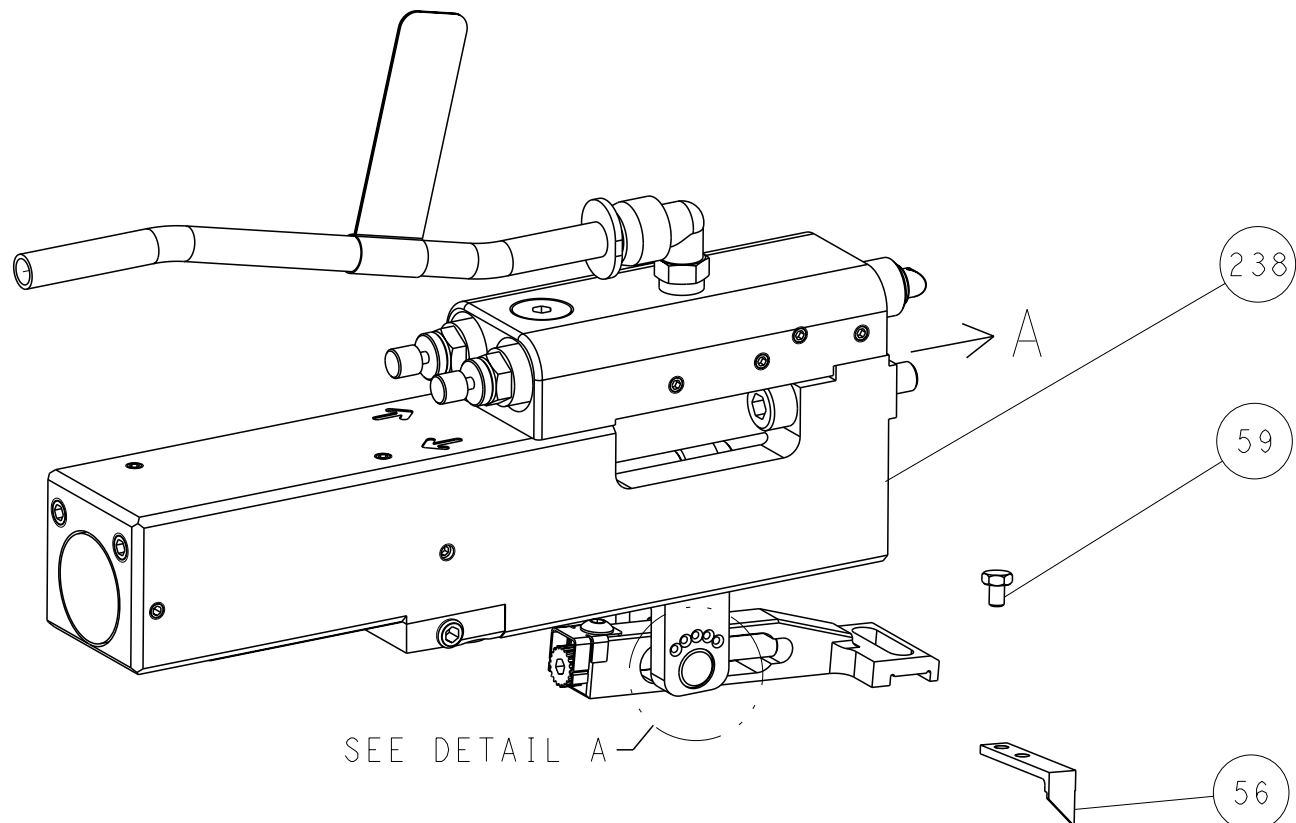
B

A

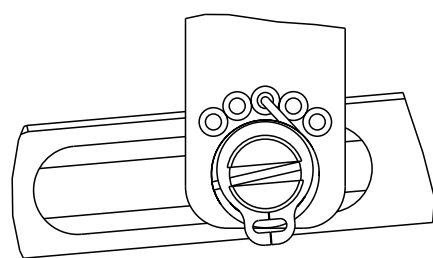
FEED TYPE MECHANICAL



PNEUMATIC

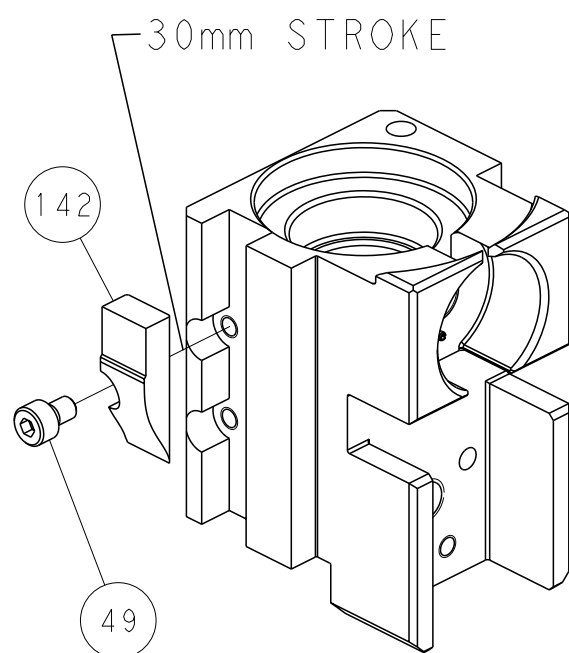


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

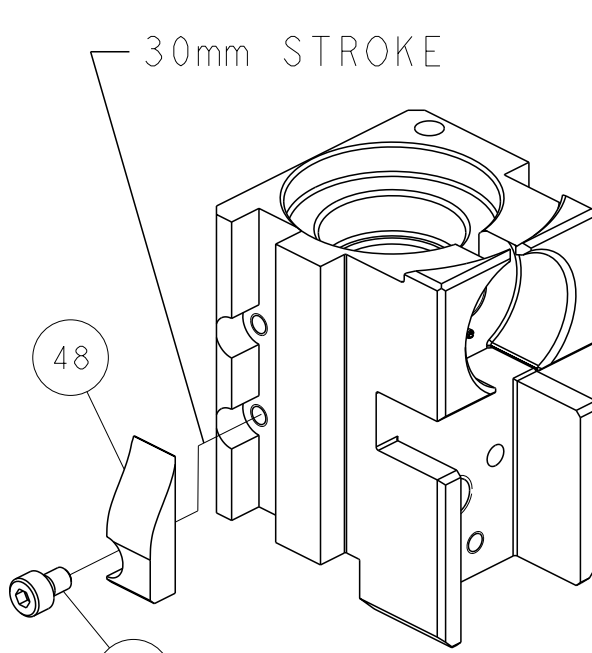


DETAIL A

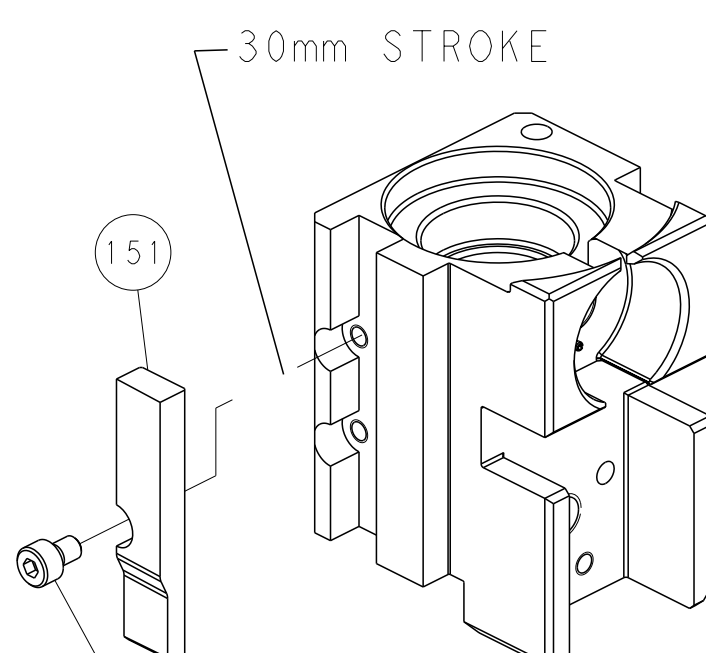
CAM POSITIONS



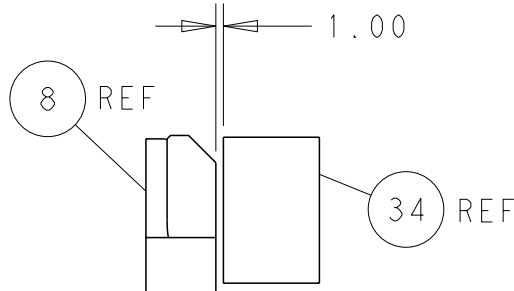
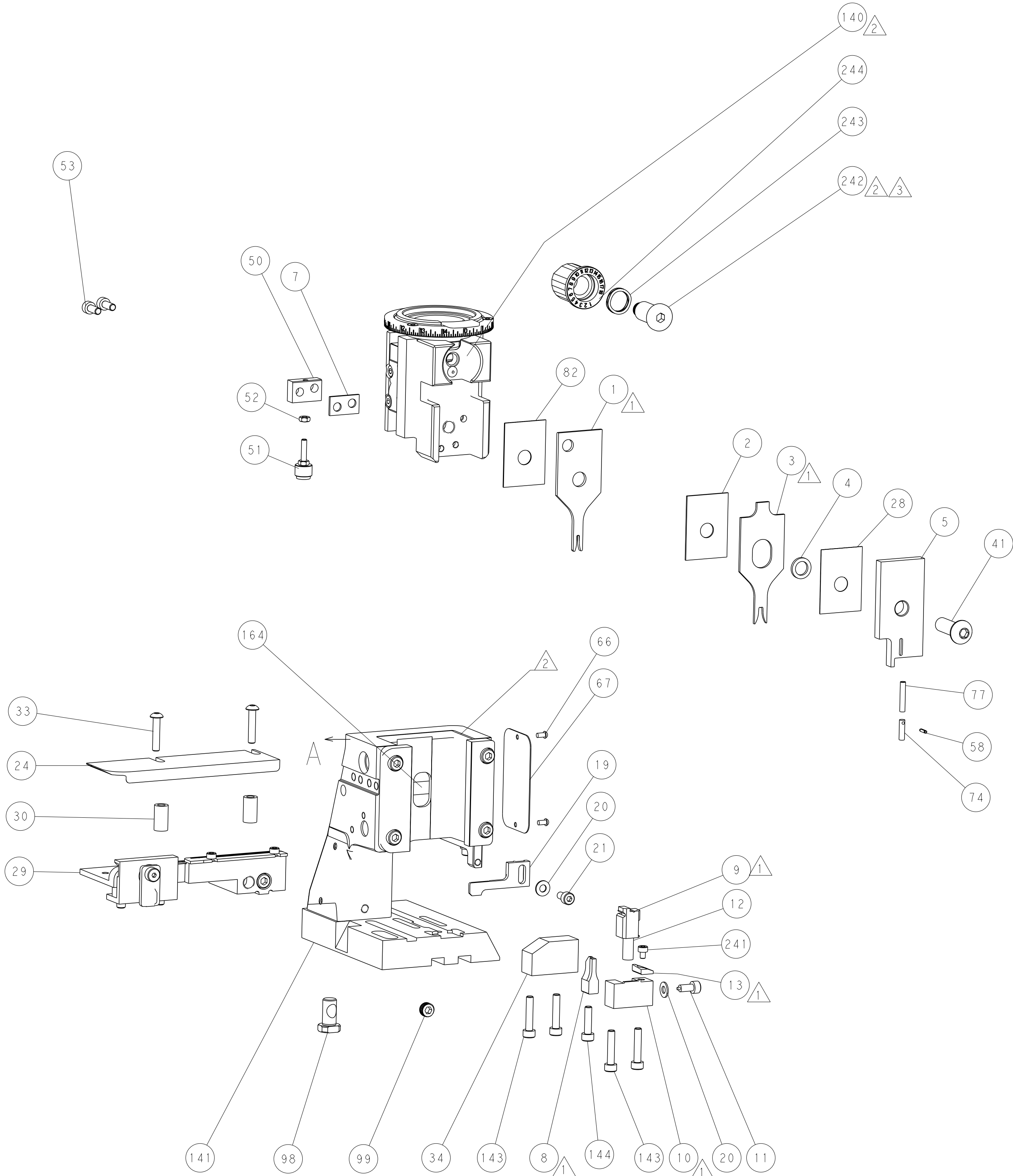
MECHANICAL
POST FEED



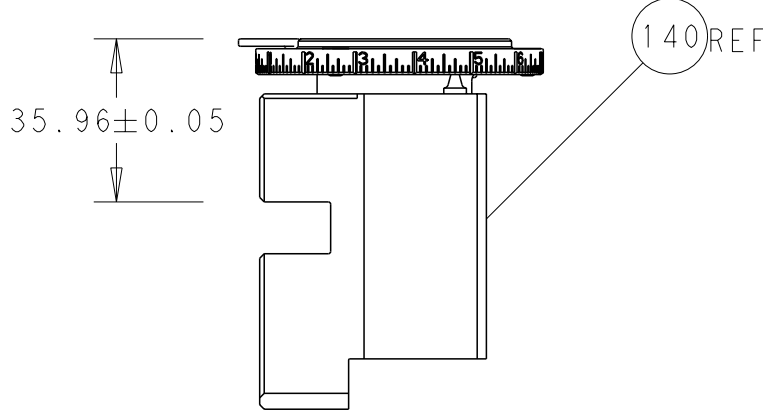
MECHANICAL
PRE FEED



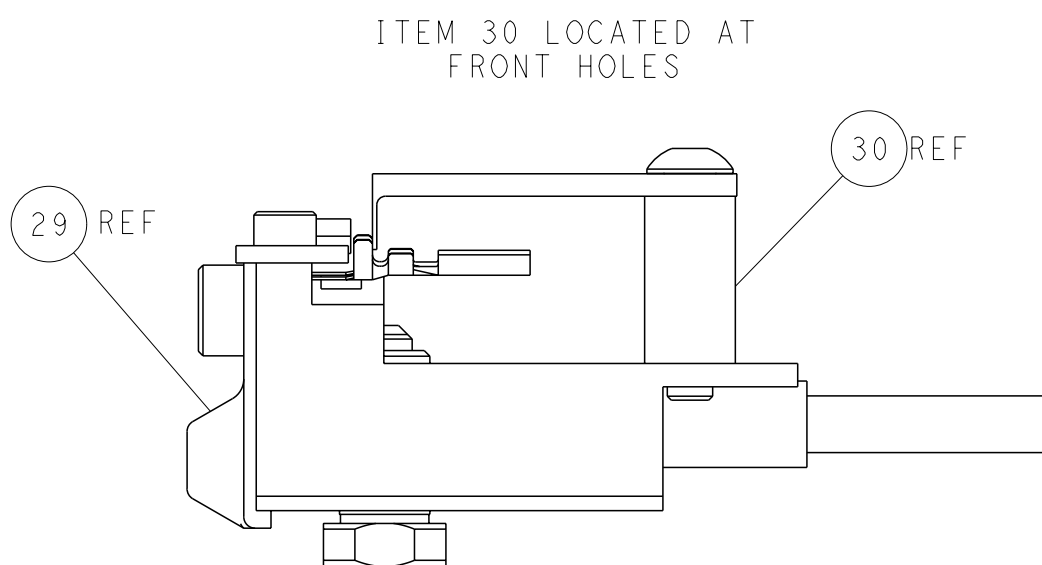
AIR FEED



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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:		DWN K. HUANG CHK S. XI APVD J. CRUZ		17OCT2011 17OCT2011 17OCT2011		NAME Ocean Side Feed Applicator	
mm		0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.13 4 PLC ±0.0001		PRODUCT SPEC		APPLICATION SPEC		SIZE A1	
MATERIAL		FINISH		WEIGHT		Customer Accessible Production Drawing		SCALE 1:2	
						SHEET 4		OF 4	
						REV B			

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2151157-1](#)