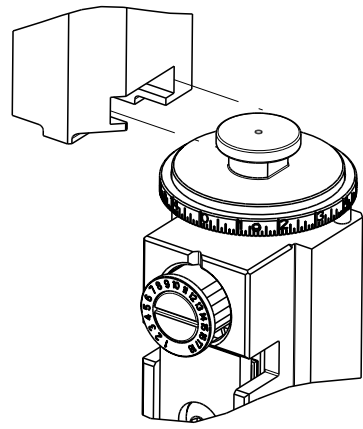


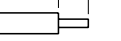
8		7	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.		20	
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151840-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151840-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151840-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151840-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151840-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	3.94 mm [.155]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TAB 2.8 X 0.8			
WIRE STRIP LENGTH 3.70-4.30 mm [.146-.169 IN]			INSULATION DIAMETER RANGE  
TERMINAL APPLICATION SPECIFICATION 		114-18051	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
1-965982-1	1-965982-3	828904	

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TAB 2.8 X 0.8			
WIRE STRIP LENGTH 3.70-4.30 mm [.146-.169 IN]			INSULATION DIAMETER RANGE Ø 
TERMINAL APPLICATION SPECIFICATION 		114-18051	- -
TERMINALS APPLIED		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
5-965982-1	5-965982-3	828904	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	1.12+/-0.03 [.044+/- .001]	5.5
0.35mm2	1.05+/-0.03 [.041+/- .001]	6.3
0.25mm2	1.00+/-0.03 [.039+/- .001]	6.8
0.20mm2	0.98+/-0.03 [.039+/- .001]	7.0

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	1.08+/-0.03 [.043+/- .001]	6.0
0.35mm2	1.02+/-0.03 [.040+/- .001]	6.5



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. APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.
6. 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)

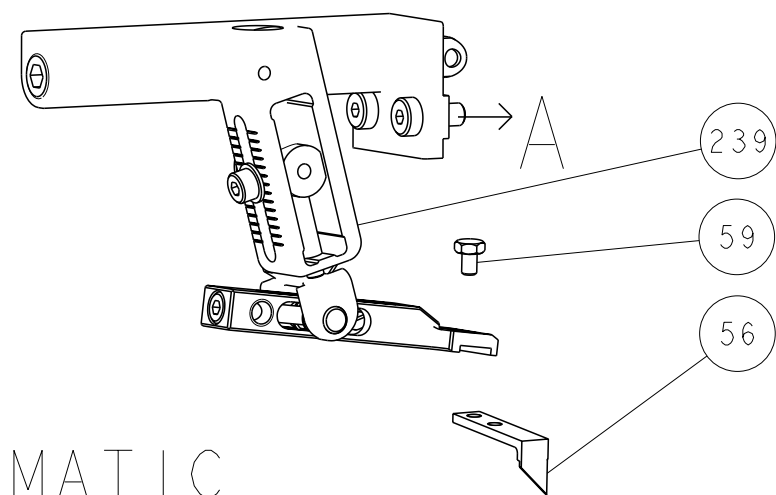
LOC		DIST		REVISIONS				
A		66		P	LYR	DESCRIPTION	DATE	DWN
					A1	ECR-15-014390	30SEP2015	YY JT
					B	ECR-18-007158	09MAY2018	TB JDG
					C	ECR-19-006079	15APR2019	LG TE
					C1	ECR-20-016280	16NOV2020	FJ TE

-	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
3	-	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	455888-4	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
5	-	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	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	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	1-1752356-7	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	2844992-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-4	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	318707-1	FLOATING SHEAR, FRONT	9
1	2	2	1	1	2-1333202-7	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-1	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	2-2119784-6	CRIMPER, INSULATION O PREMIUM	3
-	-	-	-	-	-	-	2
1	2	2	1	1	1-456403-3	CRIMPER, WIRE PREMIUM	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

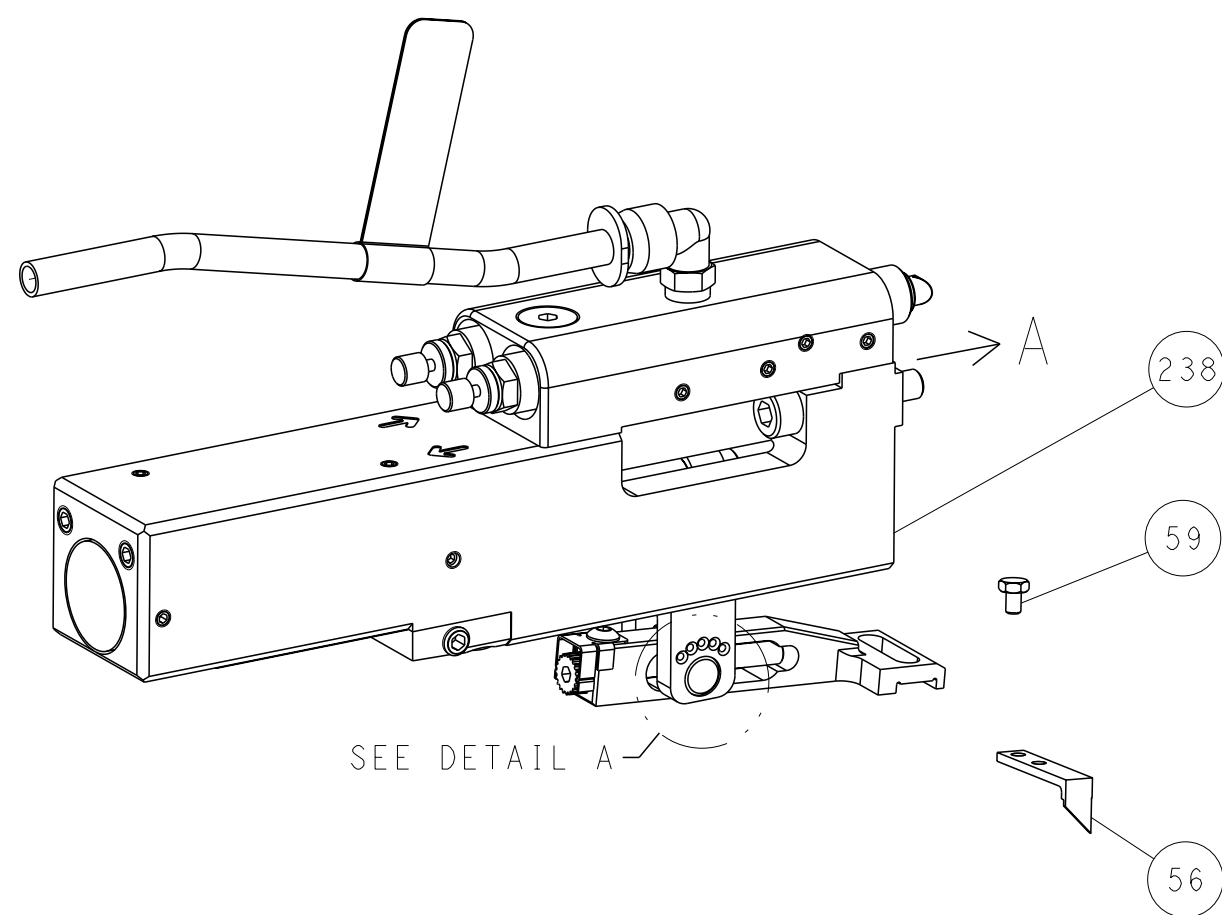
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN C. CHEN 04DEC2012	 TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS:				CHK S. XI 04DEC2012	NAME Ocean Side Feed Applicator			
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. CRUZ 04DEC2012	PRODUCT SPEC			

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

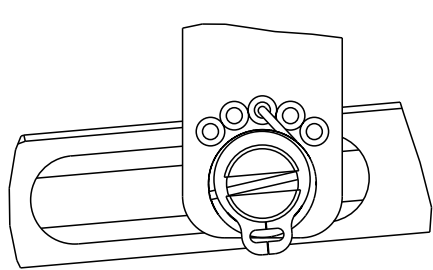
FEED TYPE MECHANICAL



PNEUMATIC

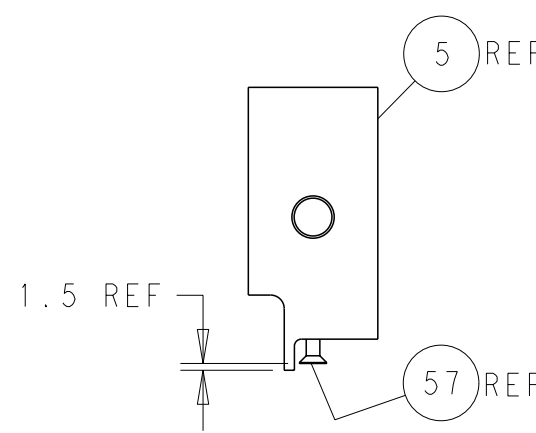
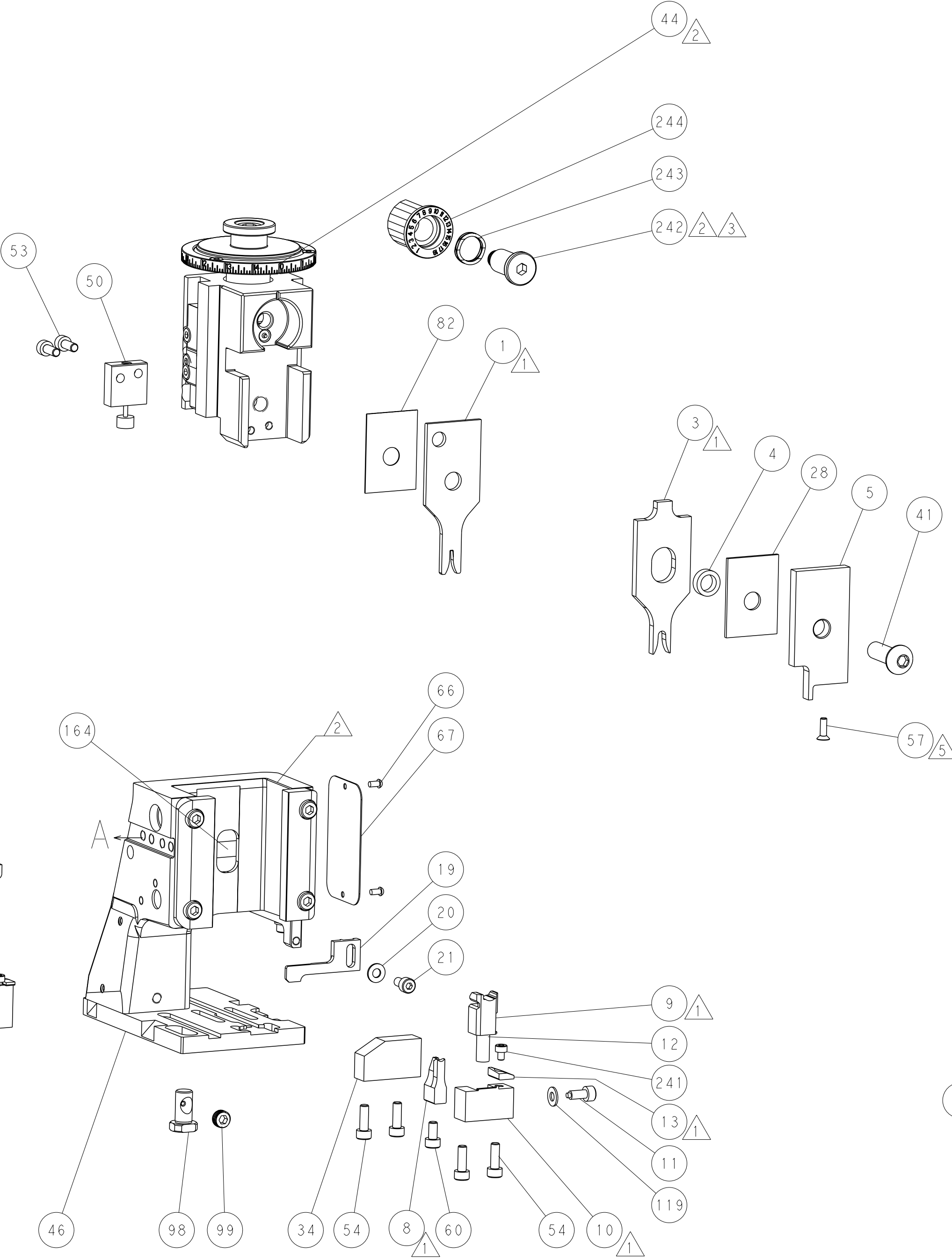
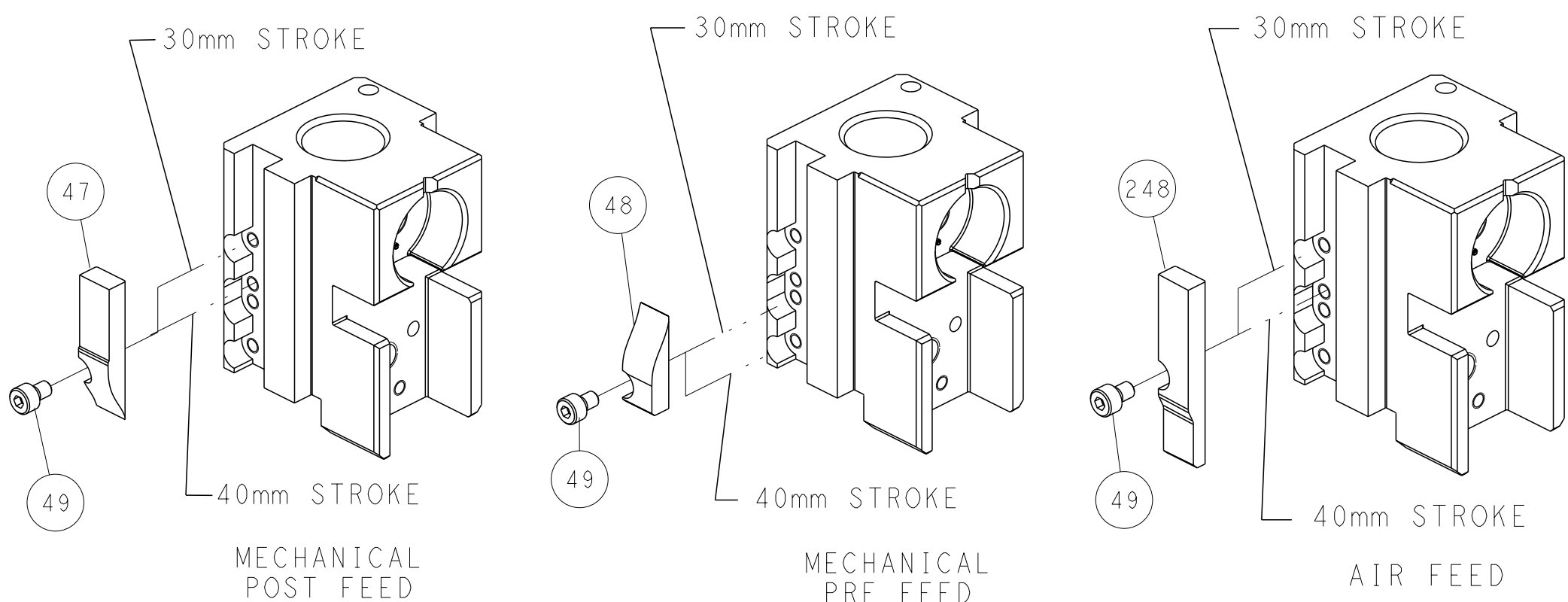


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

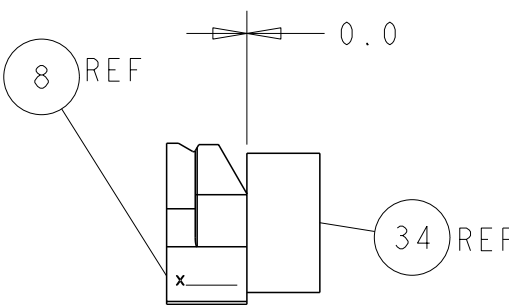


DETAIL A

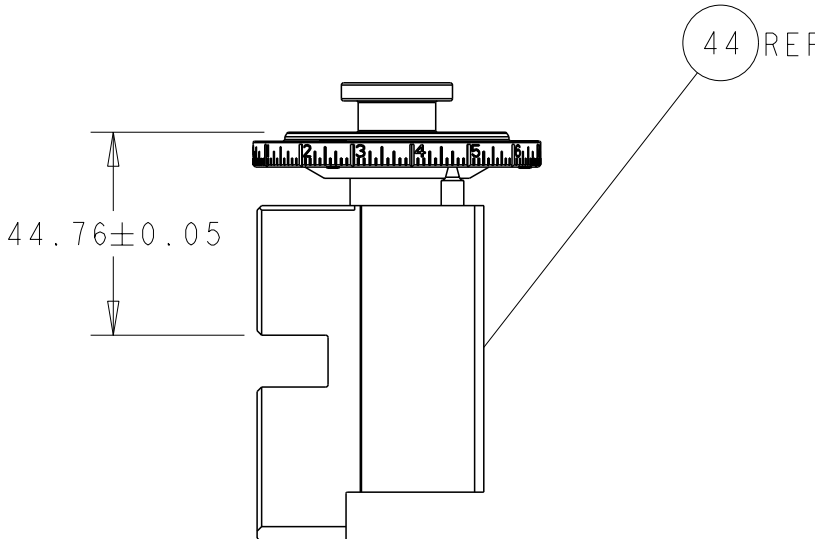
CAM POSITIONS



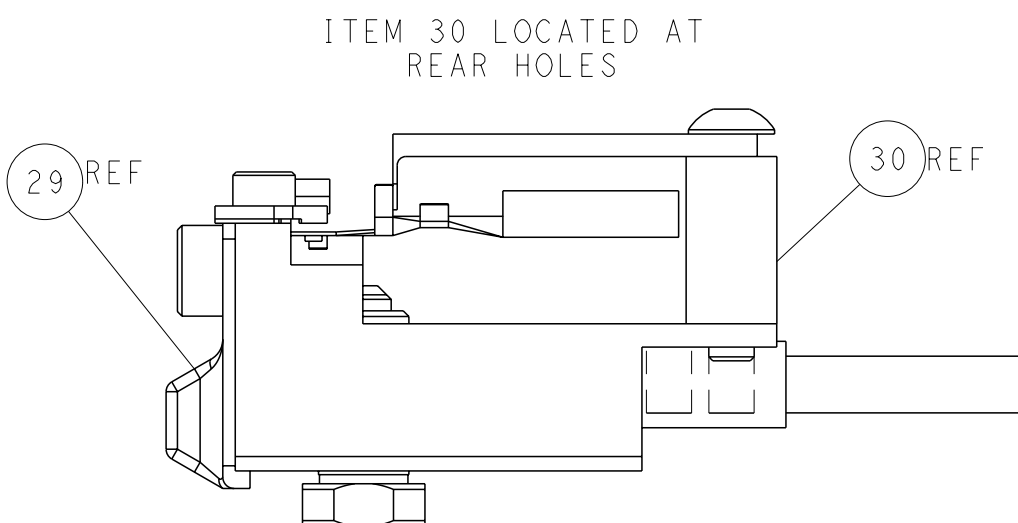
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



RAM SET-UP



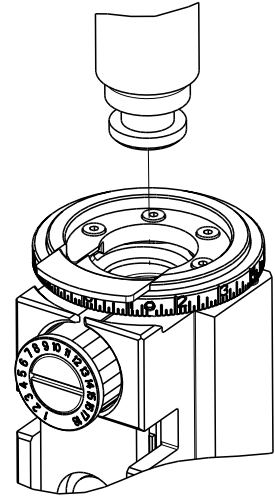
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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 DISCRETION. SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN C. CHEN	04DEC2012	TE Connectivity Harrisburg, PA 17105-3608	
				CHK S. XI	04DEC2012		
				APVD J. CRUZ	04DEC2012	NAME Ocean Side Feed Applicator	
				PRODUCT SPEC		SIZE A1	
				APPLICATION SPEC		CAGE CODE 00779	
				WEIGHT		DRAWING NO. C-2151840	
				Customer Accessible Production Drawing		RESTRICTED TO -	
				SCALE 1:2		SHEET 2 of 4	
						REV C1	

8		7	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
20		20	
© COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.	
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151840-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151840-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151840-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	3.94 mm [.155]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TAB 2.8 X 0.8			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.70-4.30 mm [.146-.169 IN]		Ø	
TERMINAL APPLICATION SPECIFICATION		114-18051	-
	-	-	-

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE DIAMETER
1-965982-1	1-965982-3	828904		Ø 1.2-2.1mm

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	1.12+/-0.03 [.044+/- .001]	5.5
0.35mm2	1.05+/-0.03 [.041+/- .001]	6.3
0.25mm2	1.00+/-0.03 [.039+/- .001]	6.8
0.20mm2	0.98+/-0.03 [.039+/- .001]	7.0

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TAB 2.8 X 0.8			
WIRE STRIP LENGTH 3.70-4.30 mm [.146-.169 IN]		INSULATION DIAMETER RANGE	
			
TERMINAL APPLICATION SPECIFICATION	114-18051	-	-
	-	-	-

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE DIAMETER
5-965982-1	5-965982-3	828904		Ø 1.2-2.1mm

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	1.08+/-0.03 [.043+/- .001]	6.0
0.35mm2	1.02+/-0.03 [.040+/- .001]	6.5

*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.

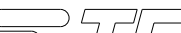
LOC		DIST		REVISONS			
A		66		P	LYR	DESCRIPTION	DATE
					-	SEE SHEET 1	-

-	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
-	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	455888-4	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, M4 X .188	66
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	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	1-1752356-7	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	2844992-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1-455888-4	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	318707-1	FLOATING SHEAR, FRONT	9
1	1	1	2-1333202-7	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	238011-1	BLOCK, CRIMPER SPACER	4
1	1	1	2-2119784-6	CRIMPER, INSULATION O PREMIUM	3
-	-	-	-	-	2
1	1	1	1-456403-3	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO



- 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.
- APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

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 CONTROLLED DOCUMENT FOR THE ELECTRICALS CONSTRUCTION INDUSTRY. IT IS SUBJECT TO CHANGE AND TO THE EXTENT OF THE CHANGES, THE USER SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN S. CHEN CHK S. XI APVD J. CRUZ	04DEC2012 04DEC2012 04DEC2012	 TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		Ocean Side Feed Applicator			
		0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	± ± ± ± ± ±	PRODUCT SPEC - APPLICATION SPEC -		SIZE CAGE CODE DRAWING NO		RESTRICTED TO	
MATERIAL		-	-	WEIGHT		A 00779 C=2151840		-	
Customer Accessible Production Drawing						SCALE 1:2		SHEET 3 of 4	
								REV C1	

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

D

C

B

A

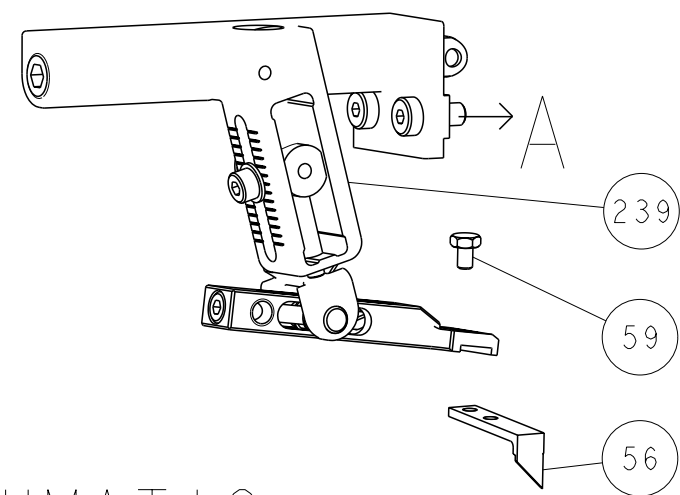
D

C

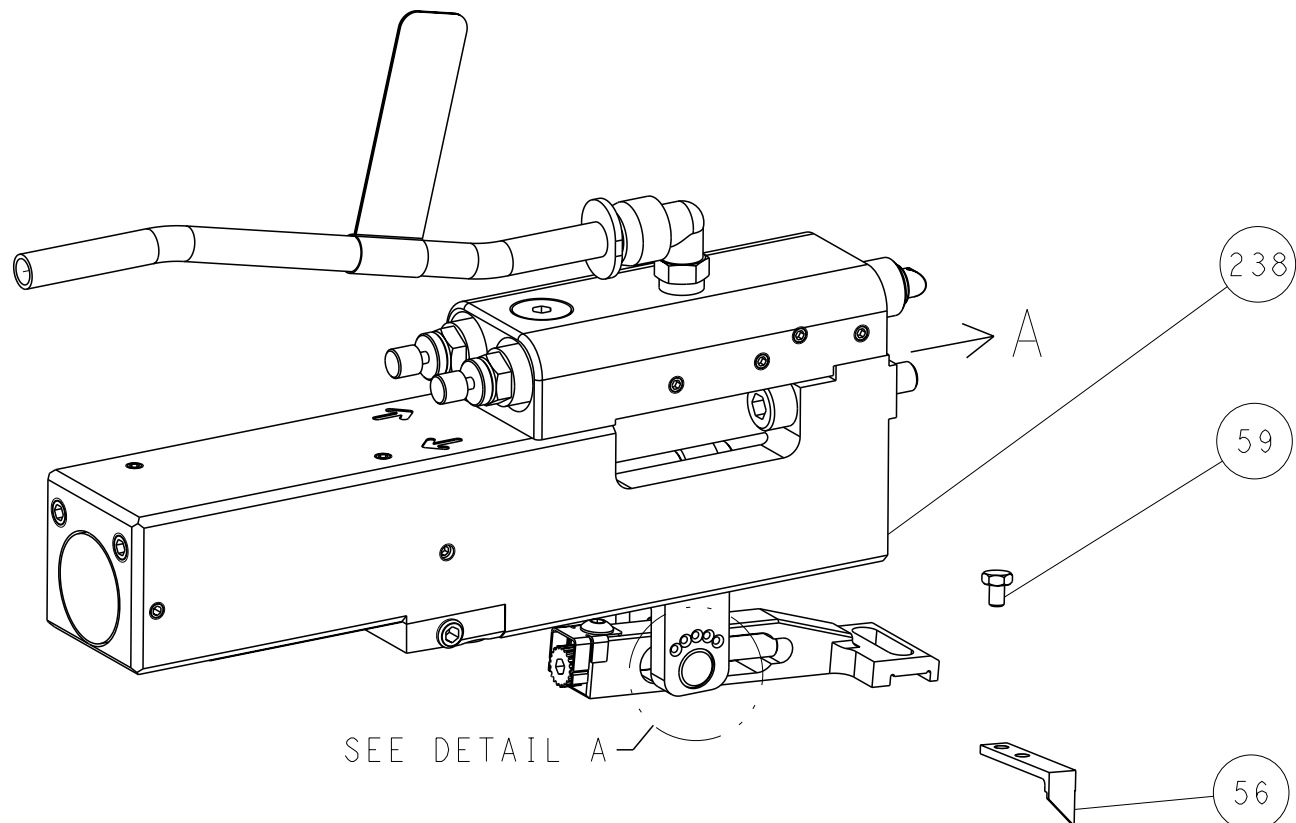
B

A

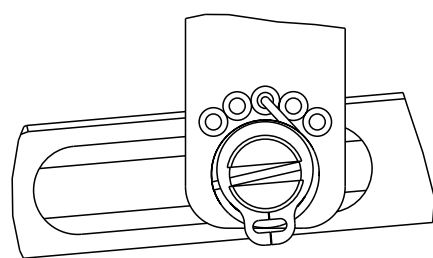
FEED TYPE MECHANICAL



PNEUMATIC

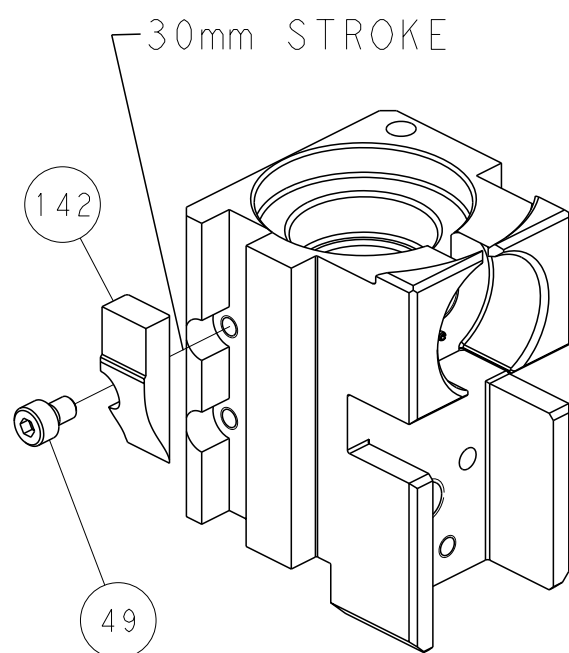


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

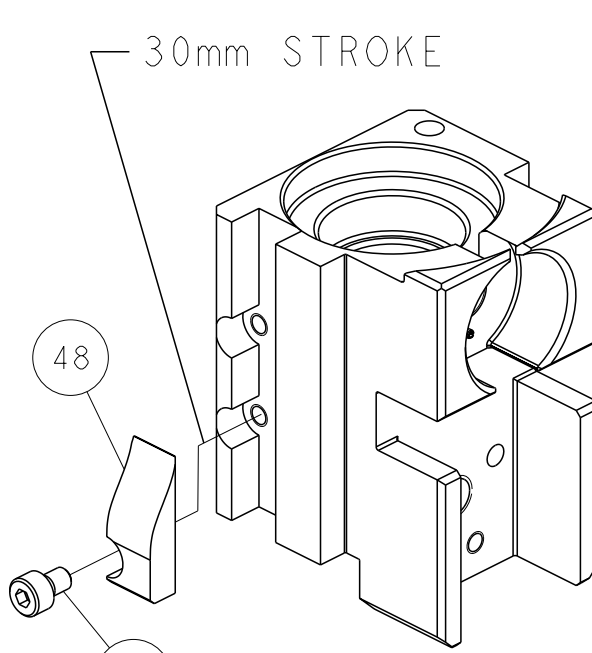


DETAIL A

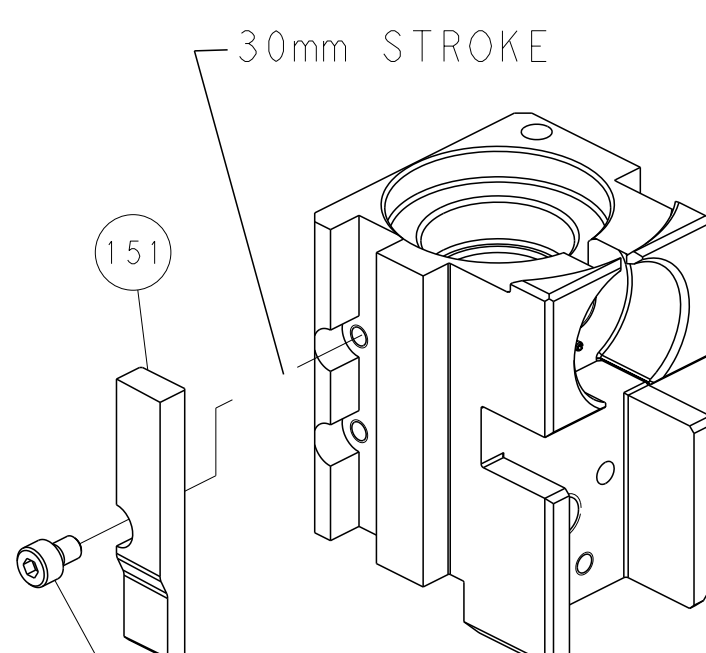
CAM POSITIONS



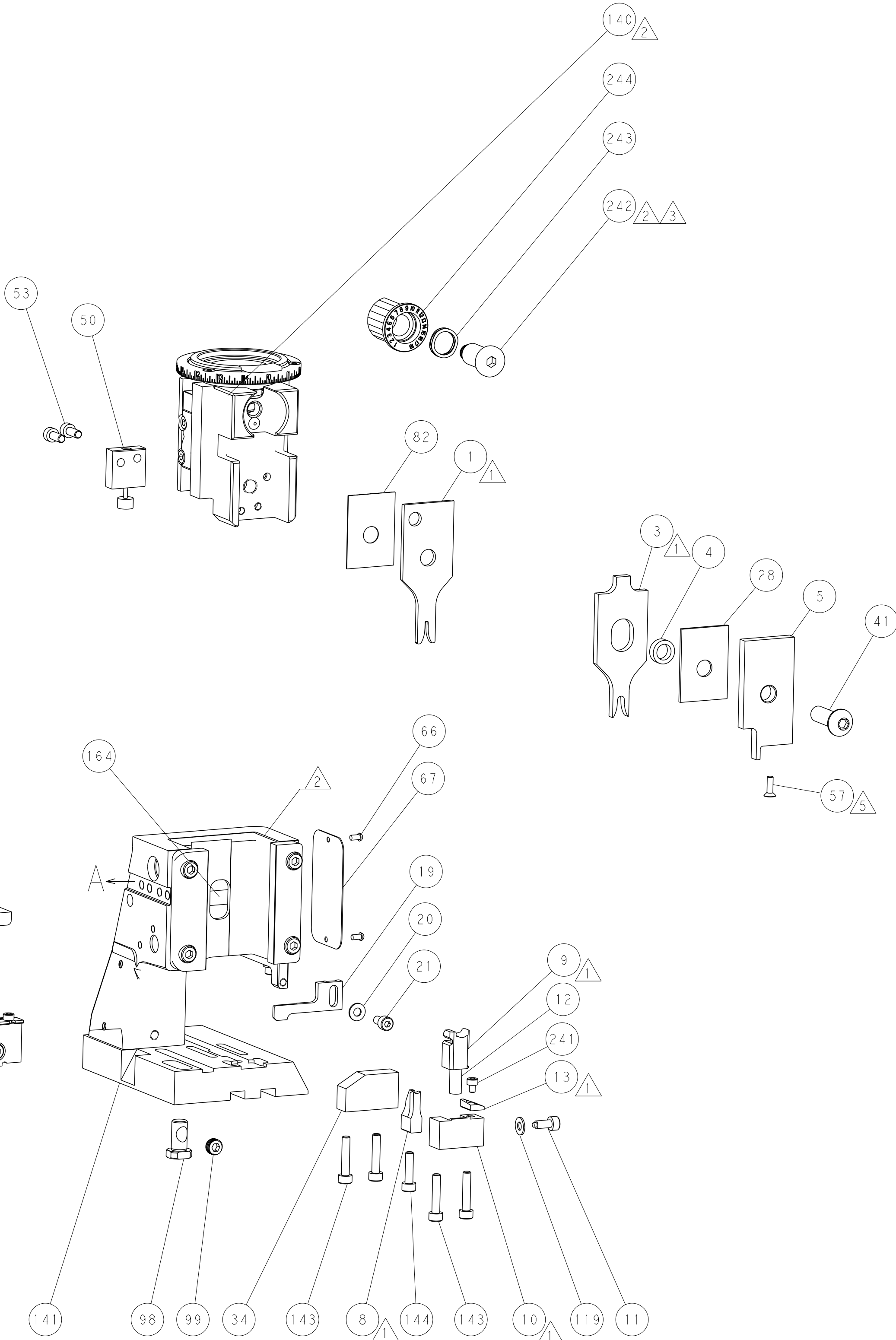
MECHANICAL
POST FEED



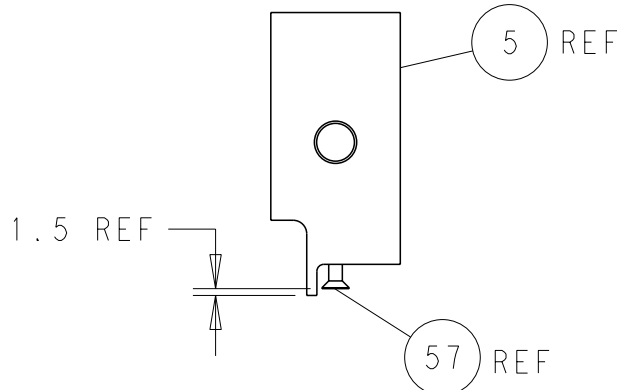
MECHANICAL
PRE FEED



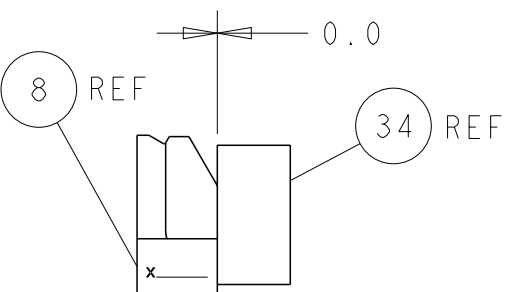
AIR FEED



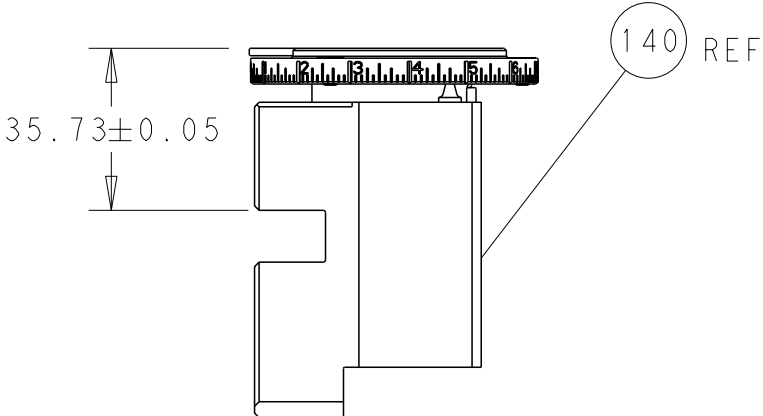
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)



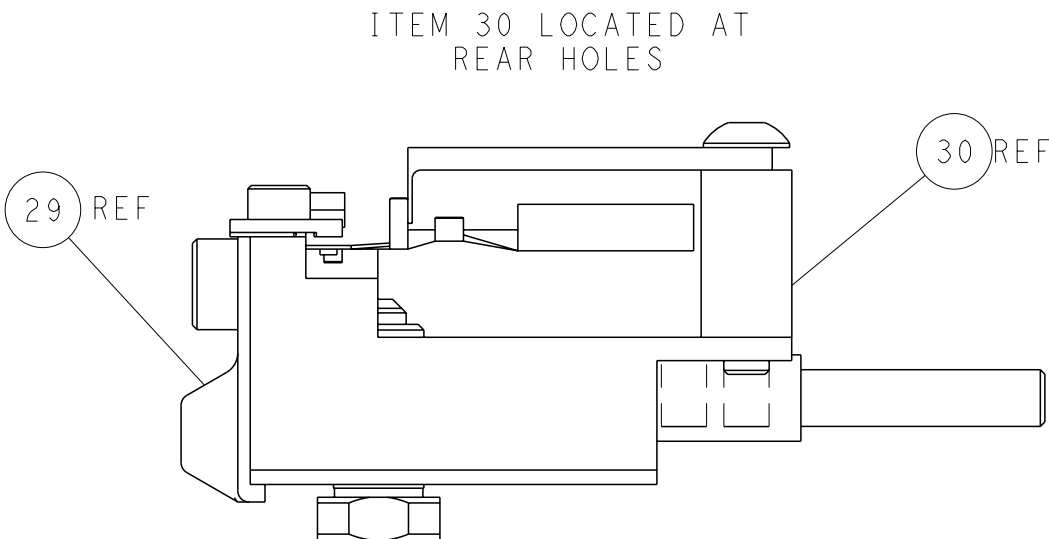
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

1111 BEARING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND TO CONTROL AND ENGINEERING ORGANIZATION SHALL BE CONTACTED FOR THE LATEST REVISION		DWN C. CHEN	04DEC2012	 TE Connectivity Harrisburg, PA 17105-3608	
		CHK S. XI	04DEC2012		
		APVD J. CRUZ	04DEC2012	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A1	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		CAGE CODE DRAWING NO 00779 C=2151840	
MATERIAL -		FINISH -		RESTRICTED TO -	
		WEIGHT -		Customer Accessible Production Drawing	
		SCALE 1:2		SHEET 4 OF 4	
				REV C1	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2151840-2](#)