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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151070-1	H	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151070-2	J	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151070-1	H	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151070-2	J	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151070-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.30 mm [.130]	F
INSUL	4.57 mm [.180]	OV
APPLICATOR INSTRUCTIONS 408-35042		

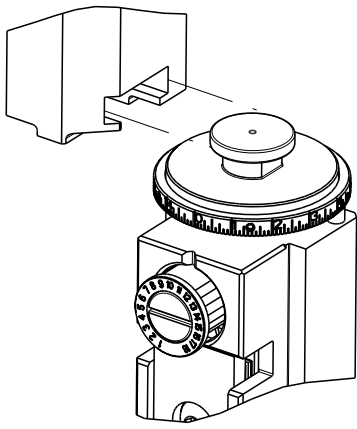
TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: STANDARD POWER TIMER CONTACT			
WIRE STRIP LENGTH 4.40-5.00 mm [.173-.197 IN]		INSULATION DIAMETER RANGE Ø3.30-4.50 mm [.130-.177 IN]	
TERMINAL APPLICATION SPECIFICATION (A)114-18037 (B)114-18388		- -	
TERMINALS APPLIED			
TE TERMINAL (A) 964328-1 (B) 1-2208461-1		TE TERMINAL (A) 964328-5 (B) 1241406-1 (B) 1241406-3	
		(B)1-2208461-1 (B)1-2208461-3	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
4.00mm2	2.35+/-0.05 [.093+/- .002]	4.3
3.50mm2	2.24+/-0.05 [.088+/- .002]	5.9
3.00mm2	2.13+/-0.05 [.084+/- .002]	6.8



- 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
- TERMINAL LUBRICANT IS RECOMMENDED.
6.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 7
- USE ITEM 34 WITH TERMINAL 964328.
- 8
- USE ITEM 261 WITH TERMINAL 1241406.
- 9
- THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO TE CONNECTIVITY SPECIFICATIONS 109-18079 (TEST GROUP 1) AND 114-18022. **TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.** AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC APPLICATION.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: STANDARD POWER TIMER CONTACT			
WIRE STRIP LENGTH 4.40-5.00 mm [.173-.197 IN]		INSULATION DIAMETER RANGE Ø3.30-4.50 mm [.130-.177 IN]	
TERMINAL APPLICATION SPECIFICATION 			
TERMINALS APPLIED 			
TE TERMINAL 1241406-1	TE TERMINAL 964328-1	TE TERMINAL -	TE TERMINAL -

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
9 1.50mm2+2.50mm2	2.35+/-0.05 [.093+/- .002]	4.3

*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)

2		1						
LOC	DIST	REVISIONS						
A	66	P	LTR	DESCRIPTION		DATE	DWN	APVD
			G	ECR-18-003495		09MAR2018	FL	JD
			H	ECR-18-004864		03APR2018	TB	JDG
			H1	ECR-18-012835		14AUG2018	FZ	KZ
			J	ECR-19-005130		02APR2019	LG	TE

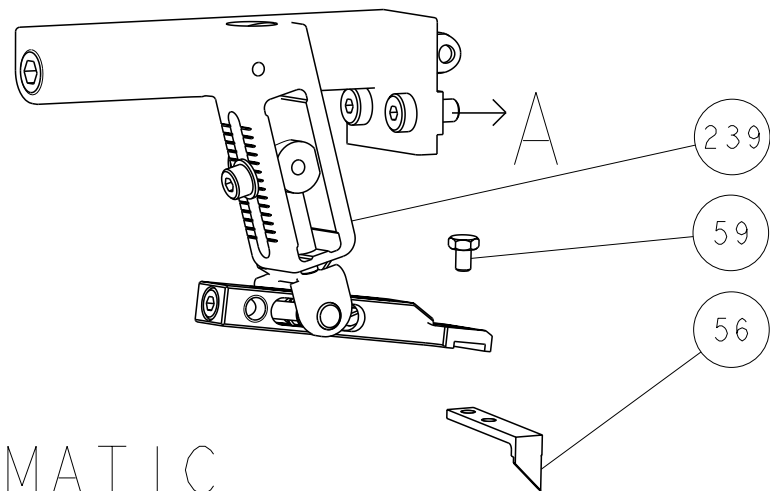
8	-	1	1	1	1	1-1752356-5	SUPPORT, TERMINAL	261
	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	1	1	1	18023-1	SCR, SKT HD CAP M3 X 5.0	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
5	-	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	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	2119791-9	DEPRESSOR, WIRE	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	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	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
	-	1	1	1	1	1803382-2	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	1-1752356-1	SUPPORT, TERMINAL	34
	-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2	2	3-2844962-5	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	1	1	2844992-2	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
	-	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	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	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	1	454276-5	FLOATING SHEAR, FRONT	9
1	1	2	2	1	1	1333209-1	ANVIL, COMBINATION .130	8
	-	1	1	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
	-	1	1	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	1	2119785-3	CRIMPER, INSULATION OVERLAP PREMIUM	3
1	1	2	2	1	1	456410-4	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 R. HUANG CHK S. XI APVD J. CRUZ	16SEP2011 16SEP2011 16SEP2011	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	
MATERIAL -		WEIGHT -		SIZE A1	
		Customer Accessible Production Drawing		SCALE 1:2	
		SHEET 1		REV J	

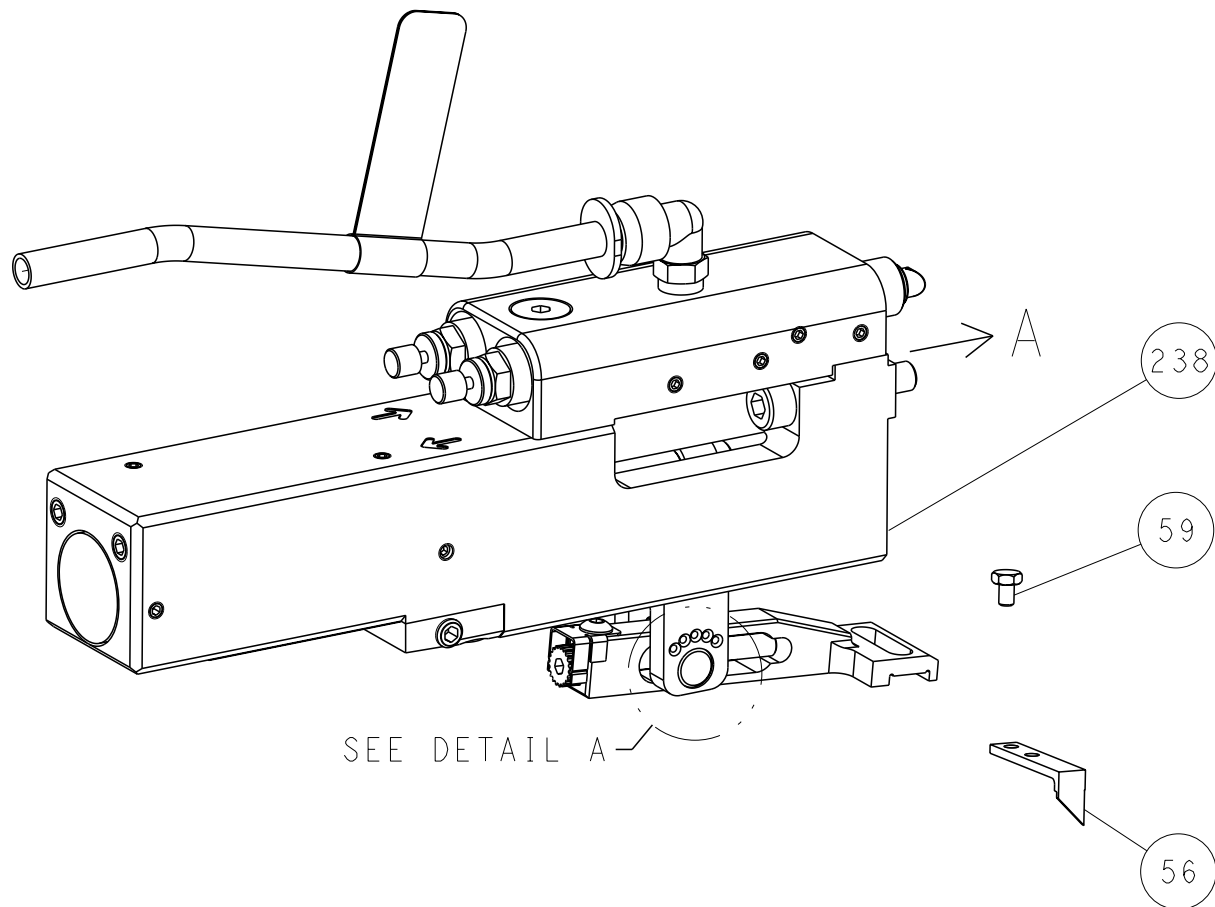
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

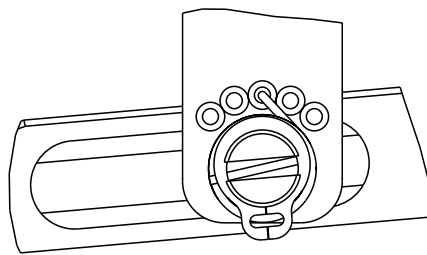
FEED TYPE
MECHANICAL



PNEUMATIC

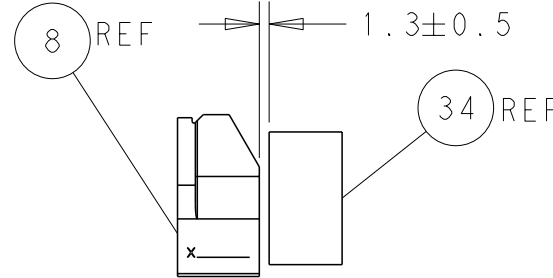
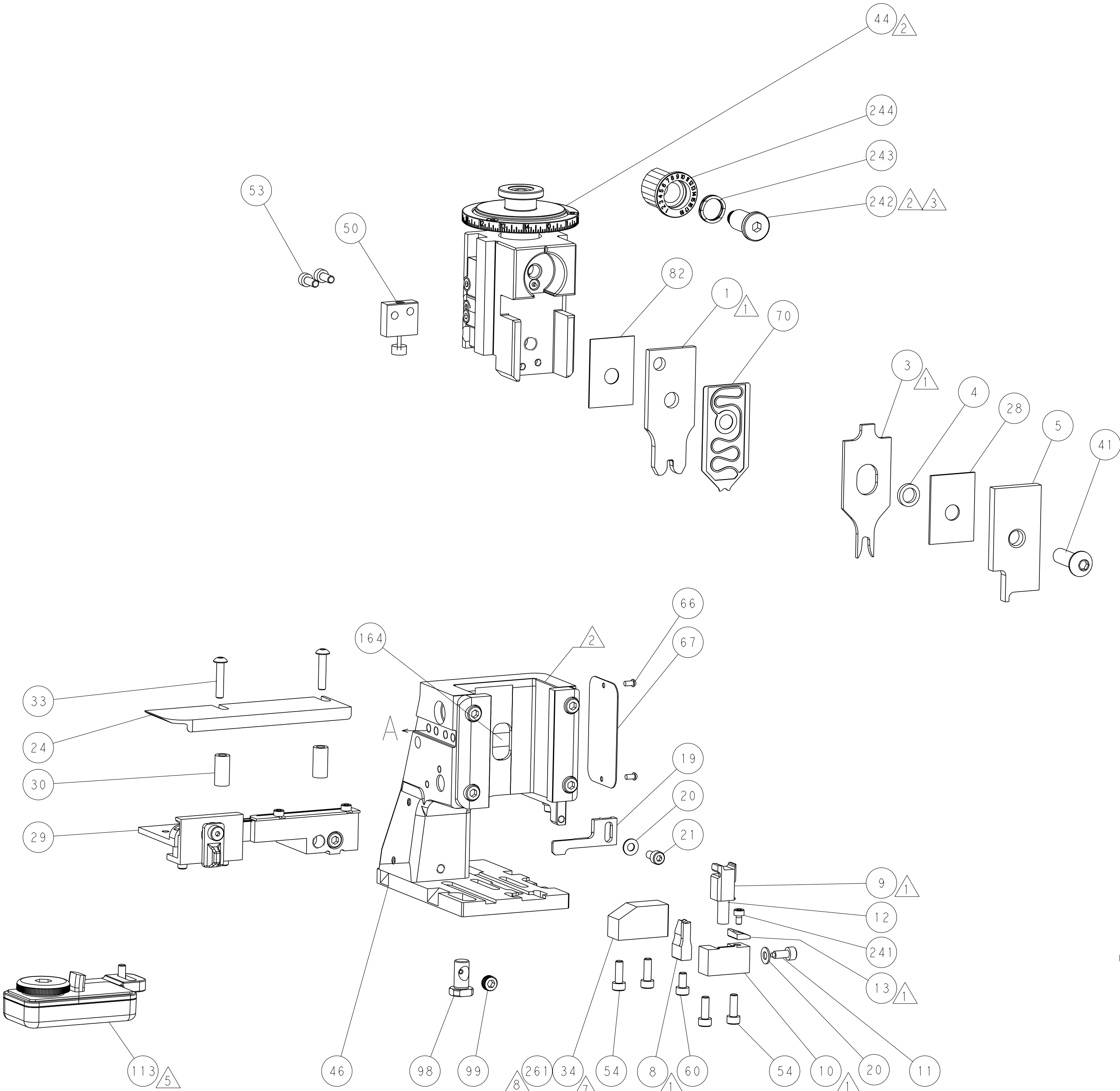
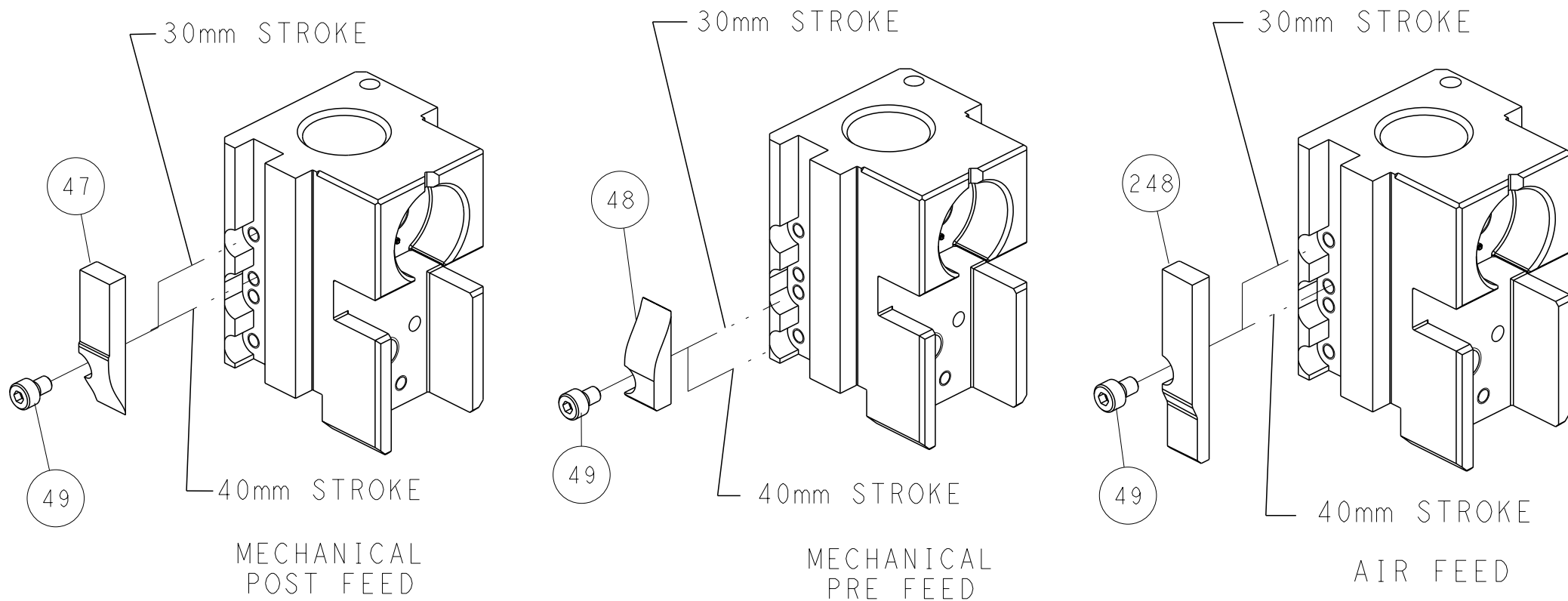


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

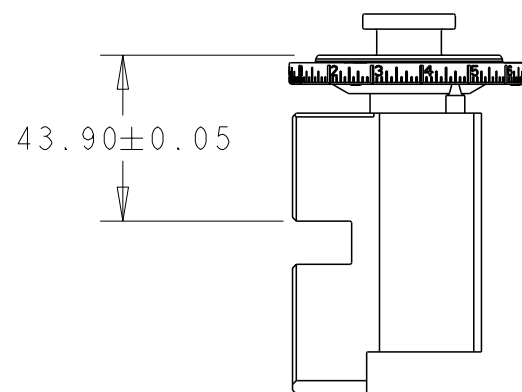


DETAIL A

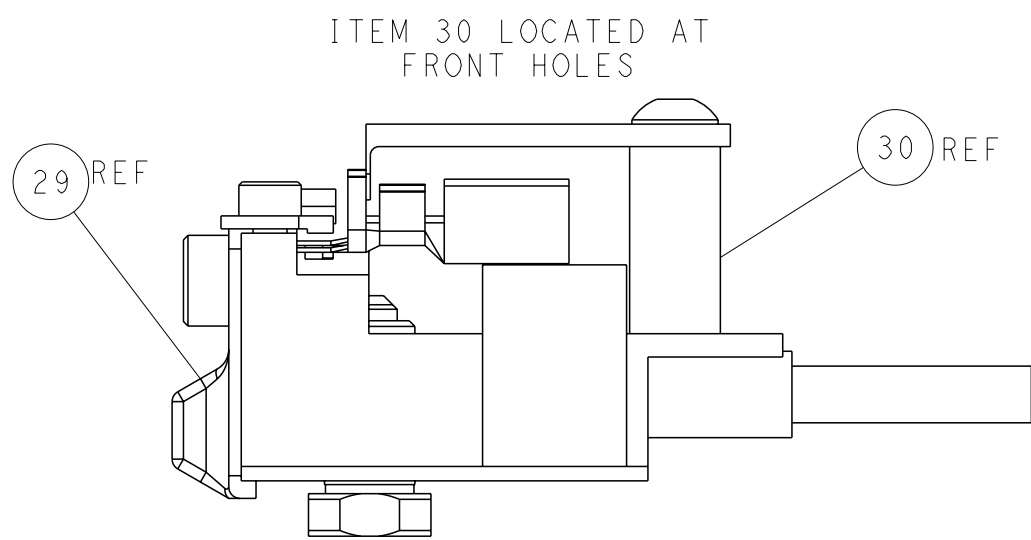
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



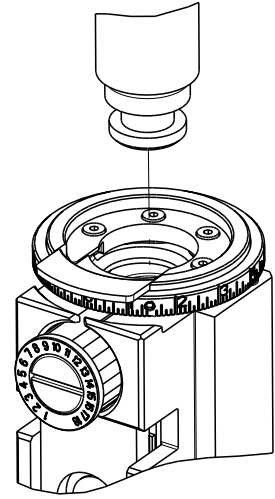
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

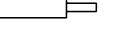
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN K. HUANG 16SEP2011		TE Connectivity Harrisburg, PA 17105-3608	
mm		0 PLC ±		CHK S. XI 16SEP2011		NAME Ocean Side Feed Applicator	
FINISH		1 PLC ±		APVD J. CRUZ 01JUN2011		SIZE A1	
MATERIAL		2 PLC ±		PRODUCT SPEC		CAGE CODE 00779	
FINISH		3 PLC ±		APPLICATION SPEC		DRAWING NO C=2151070	
FINISH		4 PLC ±		WEIGHT		RESTRICTED TO	
FINISH		ANGLES		Customer Accessible Production Drawing		SCALE 1:2	
FINISH		FINISH		SHEET 2		OF 4	
FINISH		FINISH		REV J		REV J	

8	7		
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151070-1	H	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151070-2	J	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151070-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.30 mm [.130]	F
INSUL	4.57 mm [.180]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: STANDARD POWER TIMER CONTACT			
WIRE STRIP LENGTH 4.40-5.00 mm [.173-.197 IN]		 INSULATION DIAMETER RANGE Ø3.30-4.50 mm [.130-.177 IN]	
TERMINAL APPLICATION SPECIFICATION 		(A)114-18037	-
		(B)114-18388	-
TERMINALS APPLIED 			
 TE TERMINAL	 TE TERMINAL	 TE TERMINAL	 TE TERMINAL
(A) 964328-1	(A) 964328-5	(B) 1241406-1	(B) 1241406-3
(B) 1-2208461-1	(B) 1-2208461-3		
		(B)1-2208461-1	(B)1-2208461-3

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
4.00mm2	2.35+/-0.05 [.093+/- .002]	4.3
3.50mm2	2.24+/-0.05 [.088+/- .002]	5.9
3.00mm2	2.13+/-0.05 [.084+/- .002]	6.8

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: STANDARD POWER TIMER CONTACT			
WIRE STRIP LENGTH 4.40-5.00 mm [.173-.197 IN]		INSULATION DIAMETER RANGE Ø3.30-4.50 mm [.130-.177 IN]	
TERMINAL APPLICATION SPECIFICATION			
TERMINALS APPLIED			
TE TERMINAL 1241406-1	TE TERMINAL 964328-1	TE TERMINAL -	TE TERMINAL -

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.50mm2+2.50mm2	2.35+/-0.05 [.093+/- .002]	4.3



- 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 TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 7 USE ITEM 34 WITH TERMINAL 964328.
- 8 USE ITEM 261 WITH TERMINAL 1241406.
- 9 THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISTED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO CONNECTIVITY SPECIFICATIONS 109-18079 (TEST GROUP 1) AND 114-18022. **TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.** AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC APPLICATION.

*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
		-		SEE SHEET 1	-

8	-	1	1	1-1752356-5	SUPPORT, TERMINAL	261
	-	1	1	2119082-7	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	18023-1	SCR, SKT HD CAP M3 X 5.0	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
5	-	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	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	2119791-9	DEPRESSOR, WIRE	70
	-	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	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
	-	1	1	1803382-2	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
7	-	1	1	1-1752356-1	SUPPORT, TERMINAL	34
	-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	3-2844962-5	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	2844992-2	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
	-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
1	-	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	1	454276-5	FLOATING SHEAR, FRONT	9
1	1	1	1	1333209-1	ANVIL, COMBINATION .130	8
	-	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
	-	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
1	1	1	1	2119785-3	CRIMPER, INSULATION OVERLAP PREMIUM	3
1	1	1	1	456410-4	CRIMPER, WIRE PREMIUM	1
-77 -22 -21		PART NO			DESCRIPTION	ITEM NO

THIS DRAWING IS CONTROLLED DOCUMENT FOR THE CUSTOMER. CUSTOMER SHALL BE CONTACTED FOR THE LATEST REVISION.		OWN R. HUANG CHK S. XI APVD J. CRUZ	16SEP2011 16SEP2011 16SEP2011	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	
MATERIAL -		WEIGHT -		SIZE A1	
		Customer Accessible Production Drawing		SCALE 1:2	
				SHEET 3	
				REV J	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

