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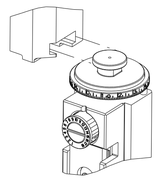
LOC	DIST
A	66

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECR-15-003642	05MAR2015	MR	TE
	C	ECR-18-015856	07OCT2018	TB	TE
	D	ECR-21-116249	06OCT2021	LG	TE

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151123-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151123-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151123-1	C	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151123-2	D	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151123-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151123-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151123-7	B	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	3.30 mm [.130]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION
TERMINAL NAME: MINI AMP-IN 2000		
WIRE STRIP LENGTH 4.70-5.46 mm [.185-.215 IN]		INSULATION DIAMETER RANGE ∅1.27-2.79 mm [.050-.110 IN]
TERMINAL APPLICATION SPECIFICATION	114-1016	- - - -

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
794121-1	3-794121-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING 4
18 AWG	0.91+/-0.05 [.036+/-.002]	7.4
20 AWG	0.86+/-0.05 [.034+/-.002]	7.9
22 AWG	0.76+/-0.05 [.030+/-.002]	8.9

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. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
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 SUPPORT ONLY REQUIRED FOR BT VERSIONS, 5-2151123-1 OR 5-2151123-2
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.

							PART NO	DESCRIPTION	ITEM NO
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	-	-	1	1	-	-	4-1722335-3	STRIPPER, SIDE FEED	182
-	-	-	1	1	-	-	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	181
3	-	-	1	1	-	-	1-1752354-9	STANDOFF,HOLD-DOWN	180
-	-	-	1	1	-	-	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	-	-	1	1	-	-	5-22280-0	SPRING, COMPRESSION	176
-	-	-	1	1	-	-	1752353-3	GUIDE PIN,HOLDDOWN	175
-	-	-	1	1	-	-	1901680-2	GUIDE PIN,HOLDDOWN	174
-	REF	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	1	1	1338685-1	PAWL, FEED	56
-	2	2	4	4	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	2	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	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	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
5	-	-	1	1	-	-	1752356-1	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2	2	2-2844962-4	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1	1	455888-4	SPACER, CRIMPER	28
-	1	1	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	1	1	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	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1	1	1-356885-4	STOP, SHEAR	11
1	-	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	1	1	454276-5	FLOATING SHEAR, FRONT	9
1	1	2	2	1	1	1	1333230-2	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-8	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	1	1	1-1633965-0	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	1	1	1-455888-1	SPACER, CRIMPER	2
1	1	2	2	1	1	1	3-456403-3	CRIMPER, WIRE PREMIUM	1
	-77	-72	-71	-52	-51	-2	-1		

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DWN	X ZHAO	16JUN2011
CHK	S XI	16JUN2011
APVD	I CRUZ	16JUN2011
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-
MATERIAL - -
FINISH - -

TE Connectivity
Harrisburg, PA 17105-3608

NAME: Ocean Side Feed Applicator -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2151123	-

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 1 OF 4 | REV D

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

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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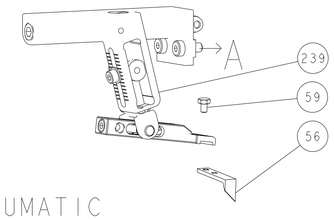
LOC	DIST
A	66

REVISIONS

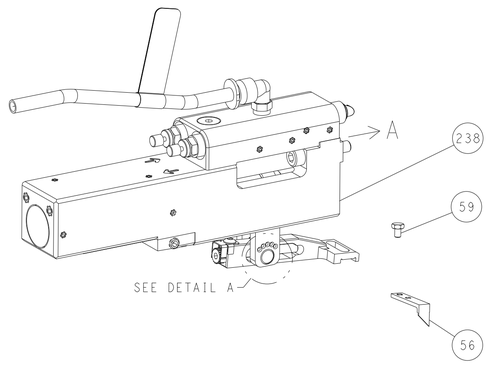
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

FEED TYPE

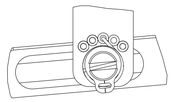
MECHANICAL



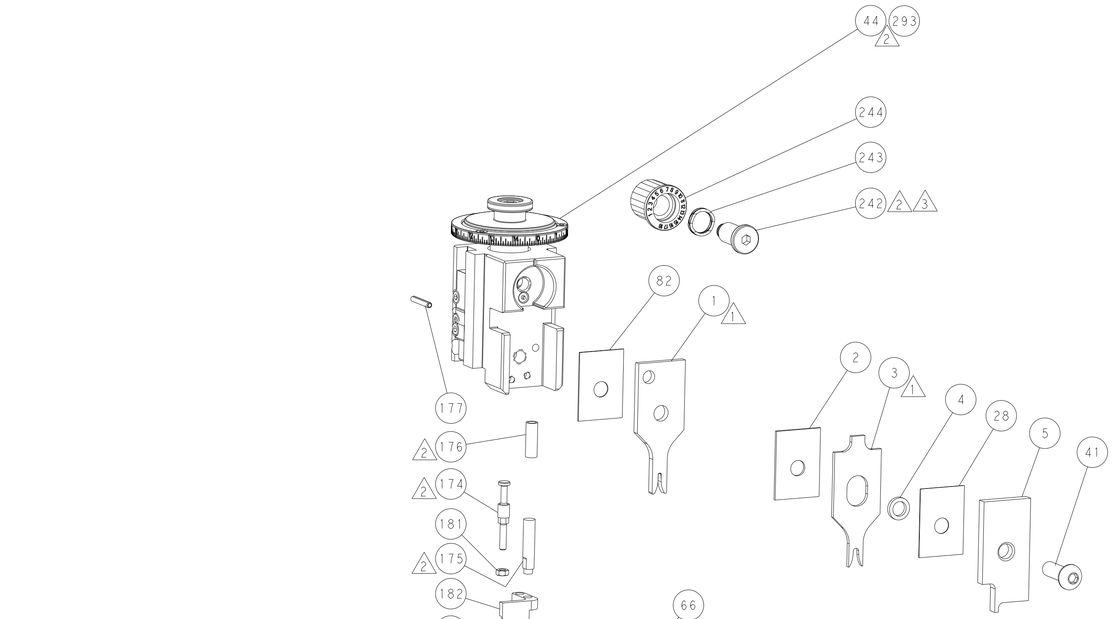
PNEUMATIC

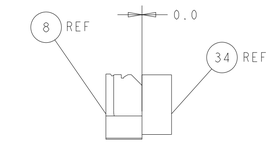


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



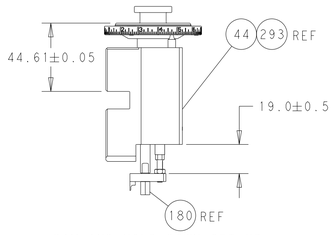
DETAIL A



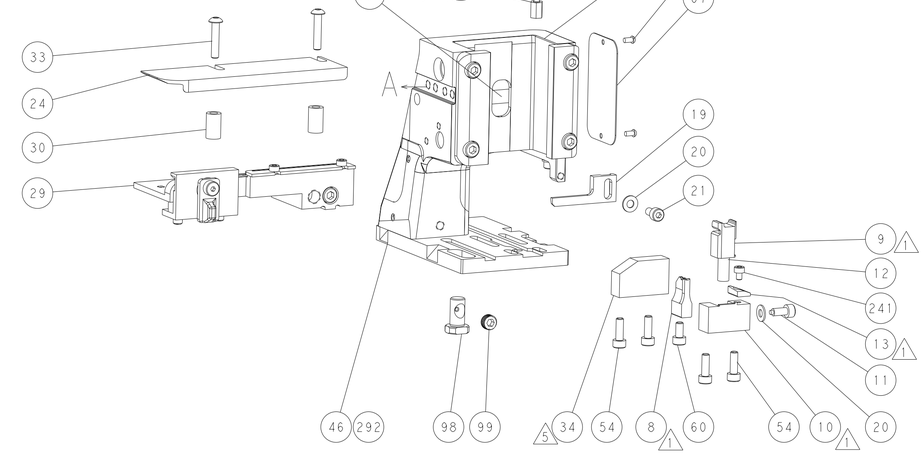


5 TERMINAL SUPPORT SET-UP

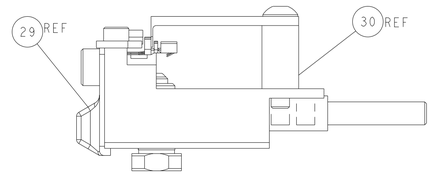
TERMINAL SUPPORT ONLY REQUIRED FOR
BT VERSIONS, 5-2151123-1 OR 5-2151123-2



RAM AND HOLD DOWN SET-UP

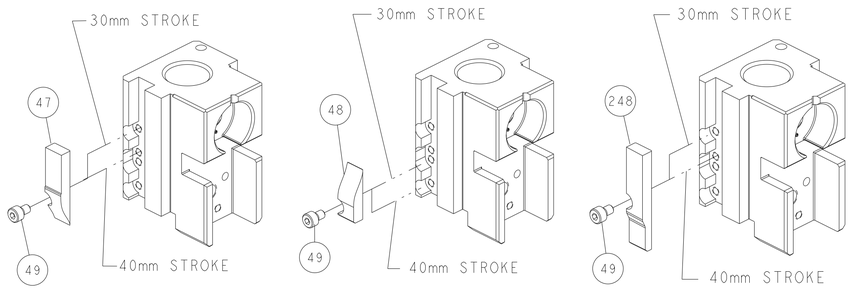


ITEM 30 LOCATED AT
FRONT HOLES



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

CAM POSITIONS



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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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN	X.ZHAO	16JUN2011
CHK	S.XI	16JUN2011
APVD	L.CRUZ	16JUN2011
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity
Harrisburg, PA 17105-3608

NAME: Ocean Side Feed Applicator -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2151123	-

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 2 OF 4 | REV D

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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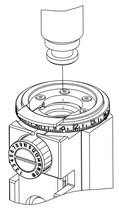
LOC	DIST
A	66

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151123-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151123-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151123-7	B	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	3.30 mm [.130]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION
TERMINAL NAME: MINI AMP-IN 2000		
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE
4.70-5.46 mm [.185-.215 IN]		∅1.27-2.79 mm [.050-.110 IN]
TERMINAL APPLICATION SPECIFICATION	114-1016	- - - -

TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
794121-1	3-794121-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING 4
18 AWG	0.91+/-0.05 [.036+/-.002]	7.4
20 AWG	0.86+/-0.05 [.034+/-.002]	7.9
22 AWG	0.76+/-0.05 [.030+/-.002]	8.9

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.

*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)

			PART NO	DESCRIPTION	ITEM NO
	-	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	-	2844940-1	AIR FEED MODULE	238
	-	REF	994970-2	COUNTER, MAGNETIC	164
	-	-	2119641-2	FEED CAM, AIR FEED	151
	-	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
	-	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
	-	-	2119653-2	FEED CAM, POST FEED	142
	-	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
	-	1	2844908-1	SCREW, LOCKING	99
	-	1	2844907-1	POST, LOCKING	98
	-	1	455888-6	SPACER, CRIMPER	82
	-	1	1803607-3	DOCUMENTATION PACKAGE	71
	-	1	2119740-1	TAG,IDENTIFICATION	67
	-	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1338685-1	PAWL, FEED	56
	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	2119652-1	FEED CAM, PRE FEED	48
	-	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2-2844962-4	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	455888-4	SPACER, CRIMPER	28
	-	1	1320928-2	STRIP GUIDE	24
	-	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	2	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	2119533-1	STRIPPER, SIDE FEED	19
1	-	1	2119806-1	INSERT, SHEAR	13
	-	1	3-22280-3	SPRING, COMPRESSION	12
	-	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	1333230-2	ANVIL, COMBINATION	8
	-	1	2119757-4	DEPRESSOR, SHEAR	5
	-	1	238011-8	BLOCK, CRIMPER SPACER	4
1	1	1	1-1633965-0	CRIMPER, INSULATION O PREMIUM	3
	-	1	1-455888-1	SPACER, CRIMPER	2
1	1	1	3-456403-3	CRIMPER, WIRE PREMIUM	1
	-77	-22	-21		

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DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-
MATERIAL - -
FINISH - -

DWN	X ZHAO	16JUN2011
CHK	S XI	16JUN2011
APVD	I CRUZ	16JUN2011
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity
Harrisburg, PA 17105-3608

NAME: Ocean Side Feed Applicator -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2151123	-

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 3 OF 4 | REV D

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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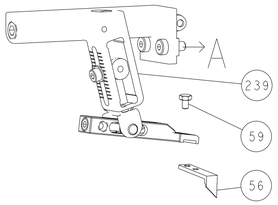
LOC	DIST
A	66

REVISIONS

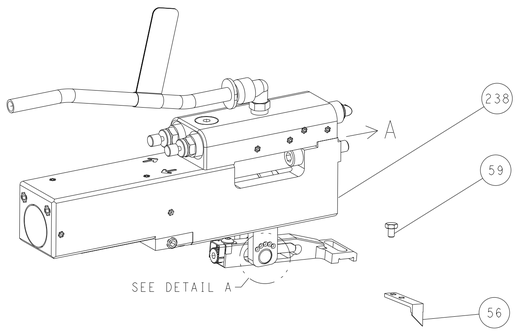
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

FEED TYPE

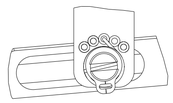
MECHANICAL



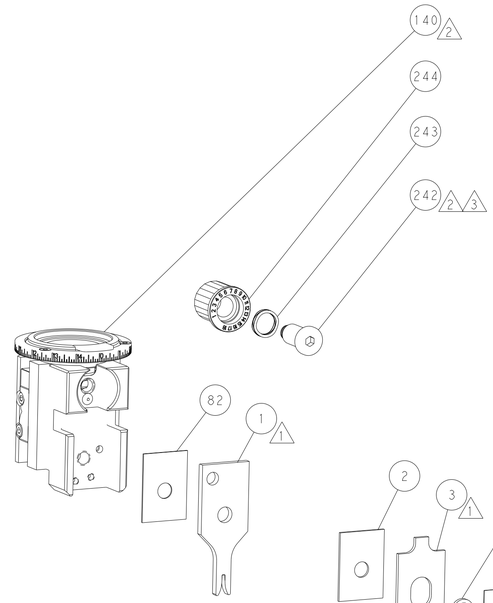
PNEUMATIC

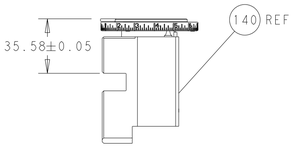


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

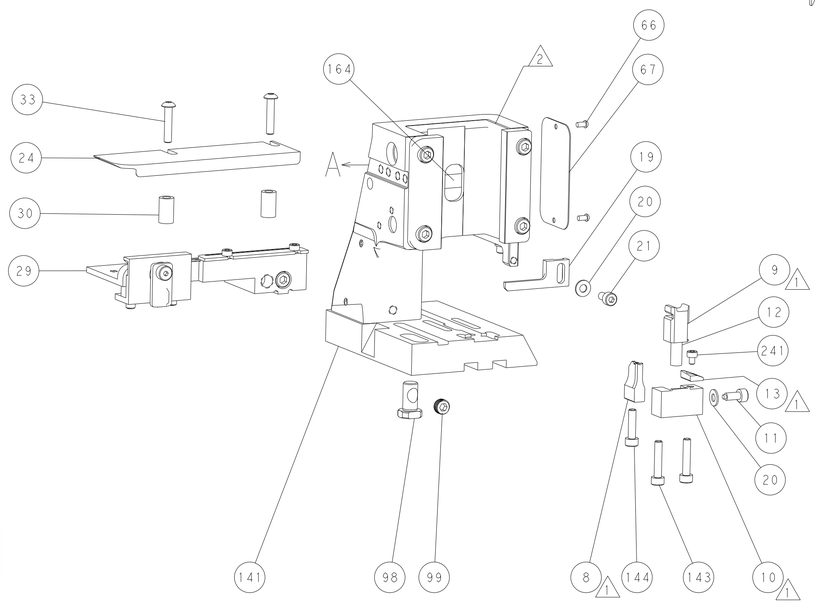


DETAIL A

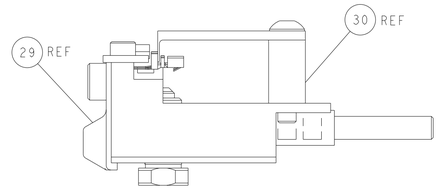




RAM SET-UP

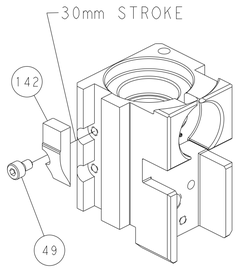


ITEM 30 LOCATED AT
FRONT HOLES

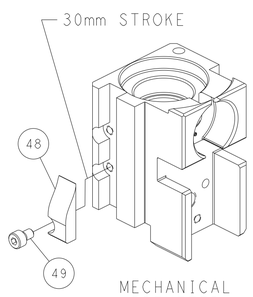


FEED TRACK POSITION
GUIDE BY INSULATION BARREL

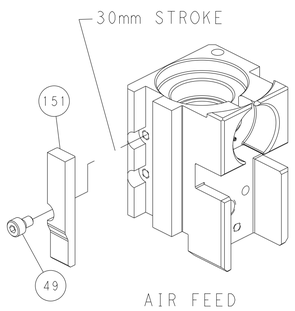
CAM POSITIONS



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)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN	X ZHAO	16JUN2011
CHK	S XI	16JUN2011
APVD	I CRUZ	16JUN2011
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity
Harrisburg, PA 17105-3608

NAME: Ocean Side Feed Applicator
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2151123	-

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 4 OF 4 | REV D

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

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TE Connectivity:

2151123-2